KGCRANES

HOIST TECHNICAL GUIDE

We can apply KGP to all kinds of products.

*KG CRANES **Low-carbon & High-efficiency** Hoists*

20% reduction in power consumption

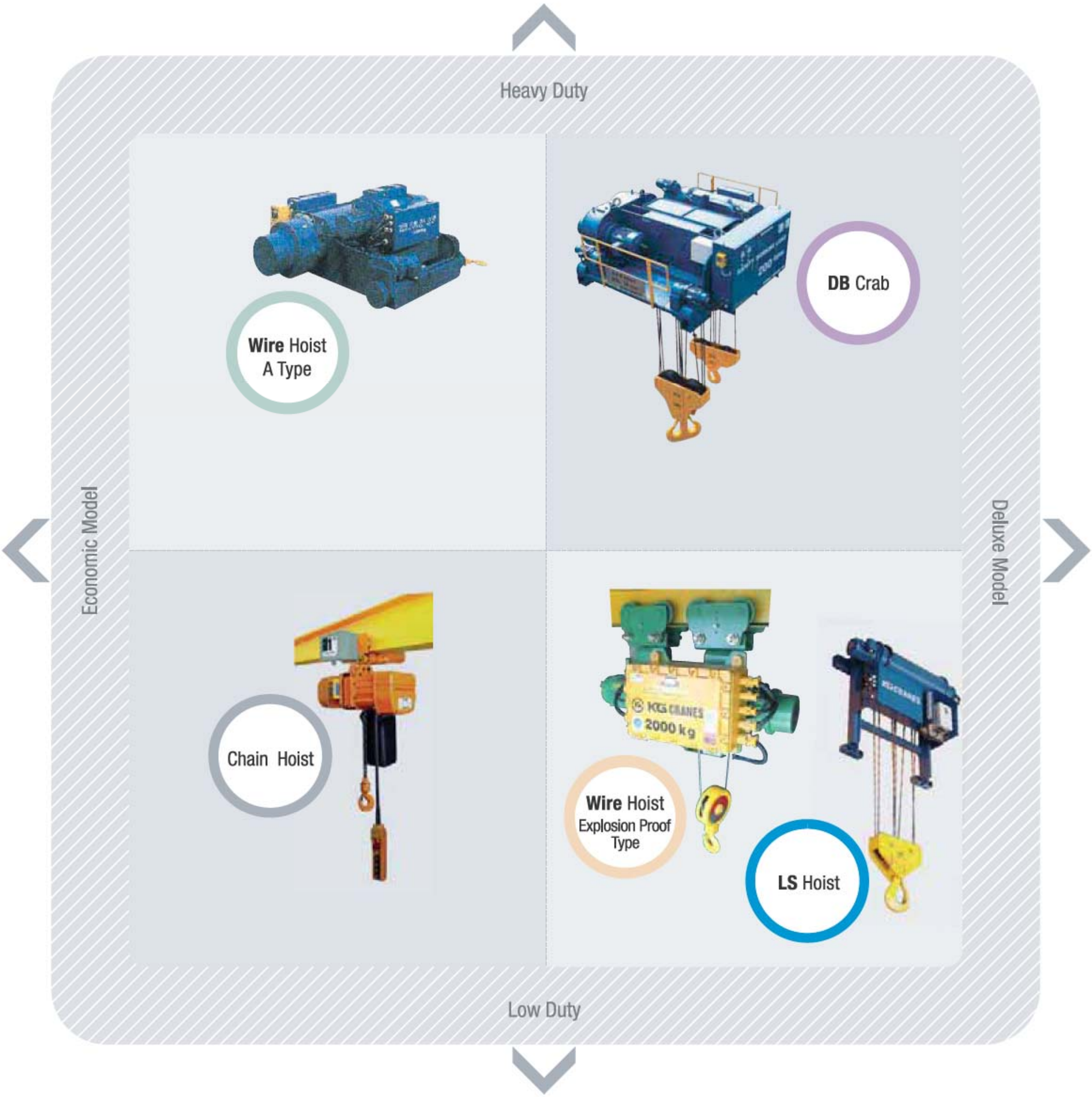
Alarm system for breakdown

KGCRANES

www.kgcrane.com

Contents

HOIST Positioning Map

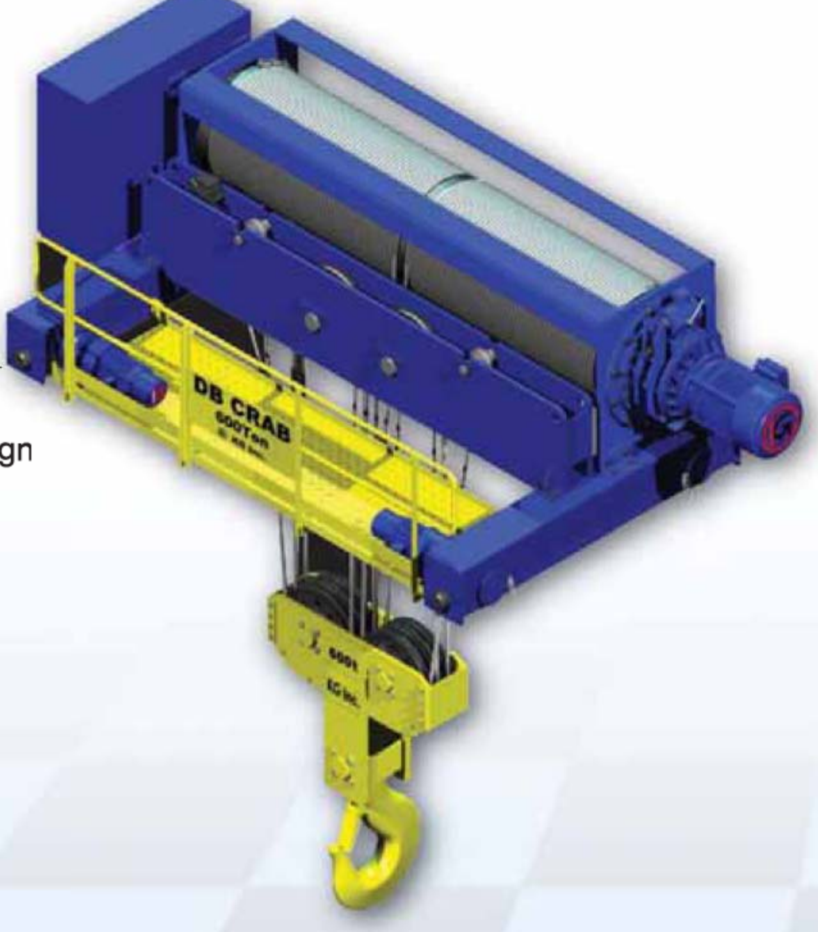


DB Crab Series

TECHNOLOGICAL INNOVATION of KG Cranes

DB Crab

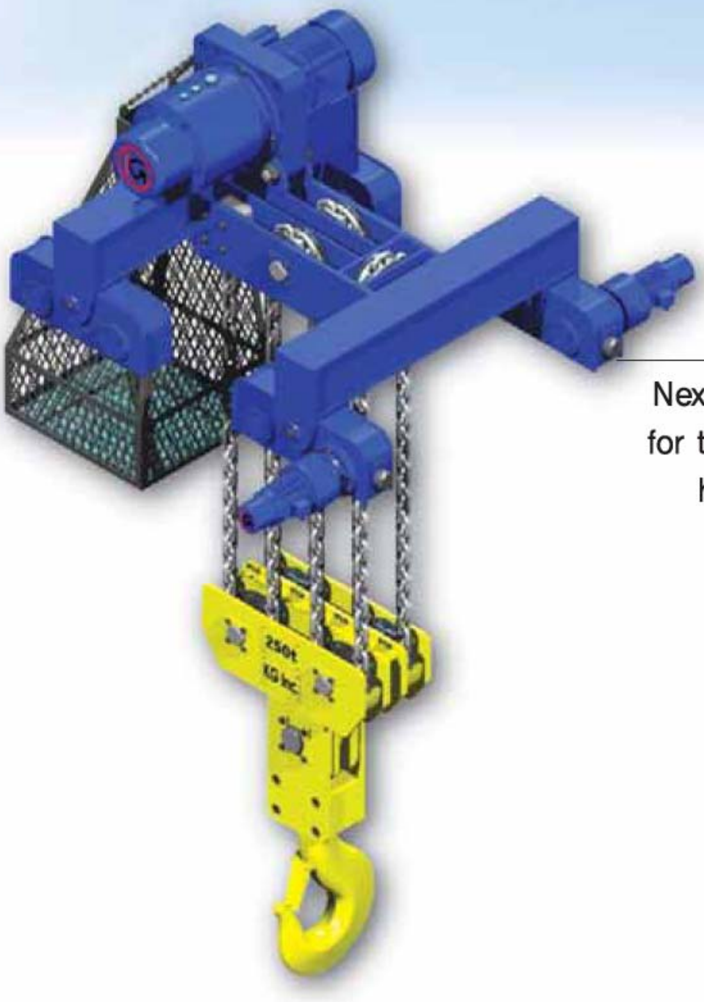
More smaller and light with competitive price, suitable for high-lift and high-frequency facility



DB Crab S Series

Easy to assemble and maintain using modular system, possible to have design flexibility and adaptability of the structure according to the space

DB Crab Series from KG Cranes can be applied to the various fields.
DB Crab Series are called GREEN HOIST because it save resources and energy using KGP system.



VLC Chain Hoist

Next generation chain hoist. Suitable for the work of high frequency, using high frequency and high capacity torque motor

KGP (Power Regenerative Unit)

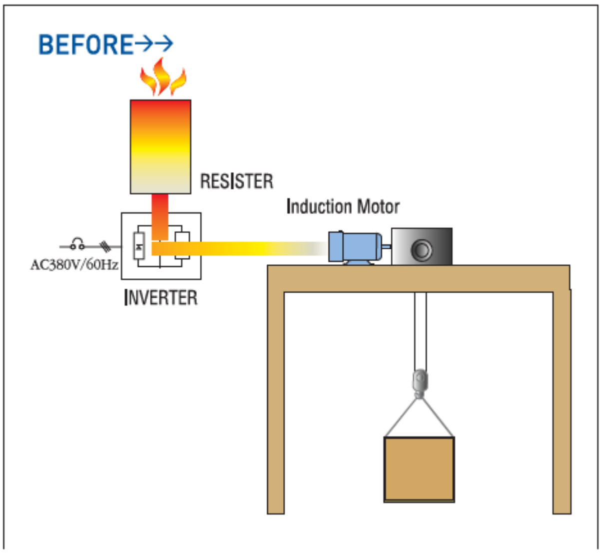
- By using KGP, you can save cost compare with existing damping resistance system
- Saving electric bill by reuse damping resistance power with KGP
- Best choice for the Lifting load equipments
- Space-saving, easy to install and use
- Continuous duty and reputation duty(%ED) are higher than existing damping resistance system, and also can be adjusted as necessary.
- **We can apply KGP to all kinds of products which produced by KG Cranes.**

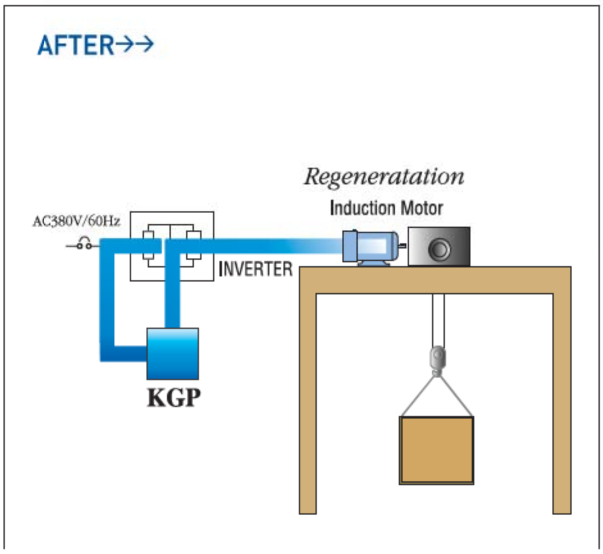
KGP Power Regenerative Unit

Characteristic

Energy Conservation

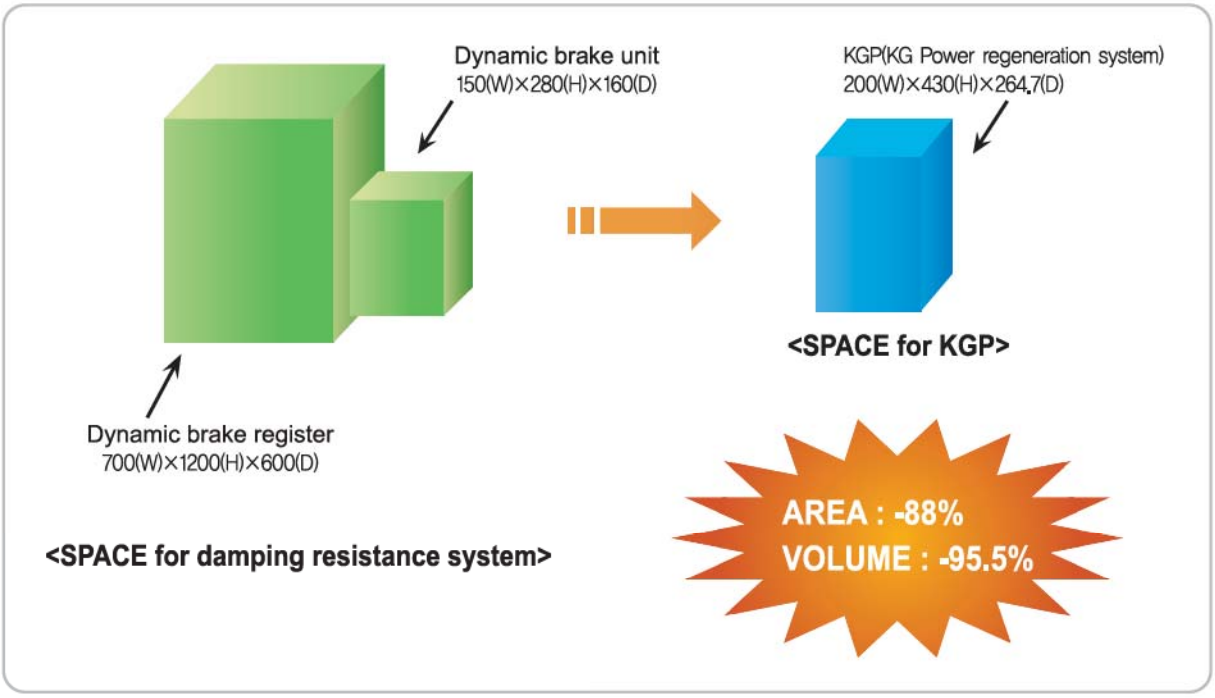
– You can save energy and electric bill by reusing regenerative power which was wasted to resister in past damping resistance system by installing our KGP.





You can save space by using KGP!

– Save space compare with existing damping resistance system



You can save electric bill by using KGP!

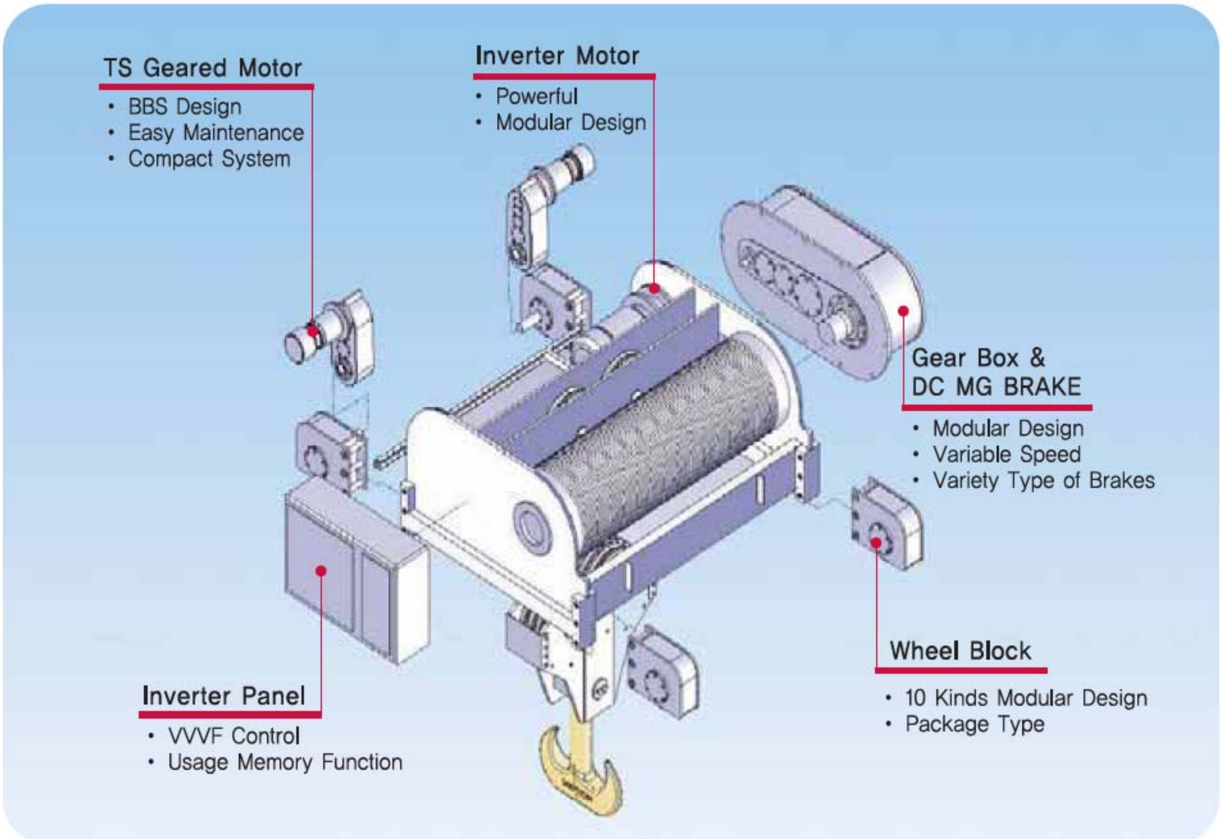
MOTOR Capacity (KW)	Reduction rate after using KGP(%)	electric saving capacity(KW)	Saving electric bill(USD)			Remark
			3,600 hour	4,800 hour	5,400 hour	
11	11	1.21	218	290	327	* 100%ED * Industrial electric bill 0.05USD per 1Kw/h
15	11	1.65	297	396	446	
18.5	13	2.405	433	577	649	
22	17	3.74	673	898	1,010	
30	21	6.3	1,134	1,512	1,701	
37	22	8.14	1,465	1,954	2,198	
45	21	9.45	1,701	2,268	2,552	
55	21	11.55	2,079	2,772	3,119	
75	23	17.25	3,105	4,140	4,658	
90	22	19.8	3,564	4,752	5,346	
110	22	24.2	4,356	5,808	6,534	
132	22	29.04	5,227	6,970	7,841	

DB Crab

Characteristic

- 40% Saving cost
- 40% More light, smaller
- Flexible design
- Suitable for high-lift and high-frequency facility
- Various speed and silence
- Easy to maintain with modular design
- **Saving electric bill (up to 30%) by using KGP (option)**

ECO
energy conservation
KGP Power Regenerative Unit

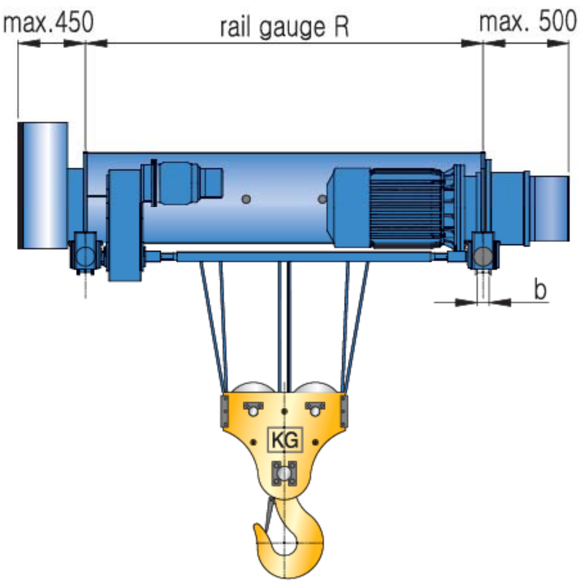


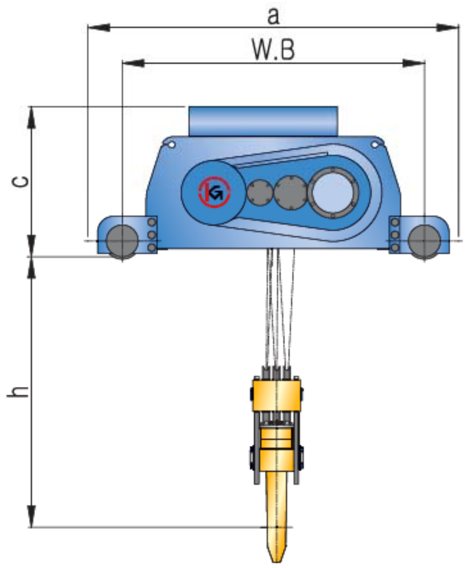
DB Crab

1. 200 ton DB Crab
2. 245ton DAM Gate Crane
3. 400/150ton DB Crab
4. 120ton DB Transporter
5. 280ton Ladle DB Crab
6. 600ton Goliath DB Crab

DB Crab

DB 500 (2.5~25ton)



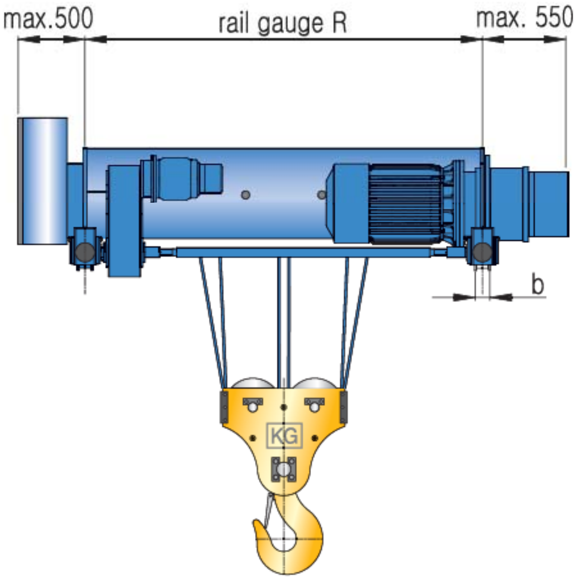


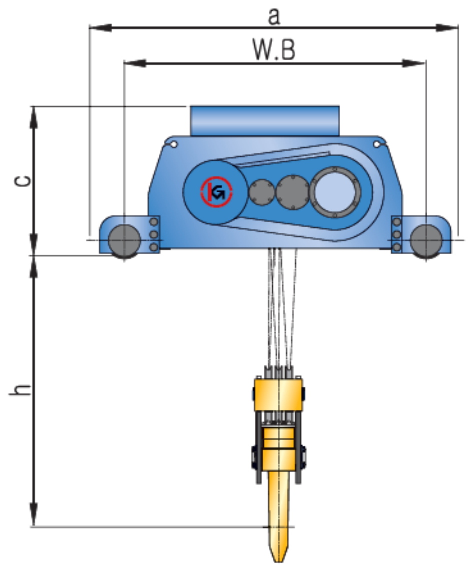
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R1600	R2000	R2400	R2800	R3200	R3600		10	15	20	30	40
db504	27	36	46	55	64	73	10×4	T0	T0	T0	T1	T1
db508	13.5	18.2	22.8	27.3	31.9	36.5	10×8	T0	T1	T1	T2	T2
db512	9.0	12.1	15.2	18.2	21.3	24.3	10×12	T1	T2	T2	T3	T4
db516	6.8	9.1	11.4	13.7	16.0	18.2	10×16	T1	T2	T2	T3	T4

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions mm				
				C4	C5	C6	C7	D1	a	b	c	h	WB
db504	6.3	1Am	M4	3.0	4.4	6.0	8.8	12.0				780	
	5	2m	M5	3.7	5.6	7.6	11.1	15.2				780	
	4	3m	M6	4.7	6.9	9.5	13.9	18.9	1750	min26		780	1350
	3.2	4m	M7	5.8	8.7	11.8	17.4	23.7				780	
	2.5	5m	M8	7.5	11.1	15.2	22.2	30.3				780	
db508	12	1Am	M4	1.6	2.3	3.2	4.6	6.3				830	
	10	2m	M5	1.9	2.8	3.8	5.6	7.6				830	1400
	8	3m	M6	2.3	3.5	4.7	6.9	9.5	1850	min34		830	
	6.3	4m	M7	3.0	4.4	6.0	8.8	12.0				830	
	5	5m	M8	3.7	5.6	7.6	11.1	15.2			max. 1000	830	
db512	20	1Am	M4	0.9	1.4	1.9	2.8	3.8				950	
	16	2m	M5	1.2	1.7	2.4	3.5	4.7				950	
	12	3m	M6	1.6	2.3	3.2	4.6	6.3	1850	min34		950	1400
	10	4m	M7	1.9	2.8	3.8	5.6	7.6				950	
	8	5m	M8	2.3	3.5	4.7	6.9	9.5				950	
db516	25	1Am	M4	0.7	1.1	1.5	2.2	3.0				1000	
	20	2m	M5	0.9	1.4	1.9	2.8	3.8				1000	
	16	3m	M6	1.2	1.7	2.4	3.5	4.7	1950	min34		1000	1450
	12	4m	M7	1.6	2.3	3.2	4.6	6.3				1000	
	10	5m	M8	1.9	2.8	3.8	5.6	7.6				1000	

DB Crab

DB 800 (4~40ton)



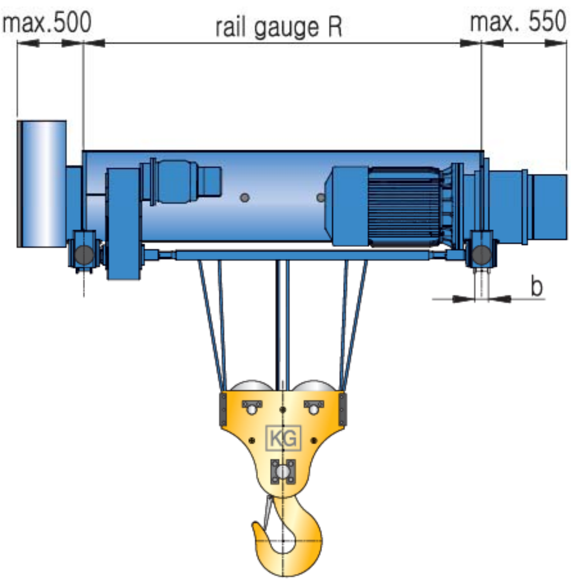


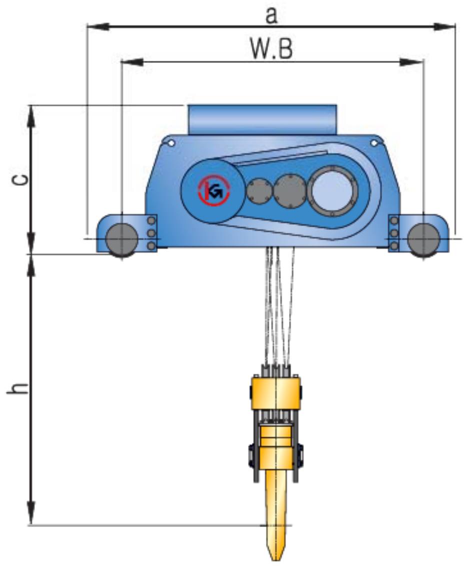
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R1600	R2000	R2400	R2800	R3200	R3600		10	15	20	30	40
db804	27	36	45	54	64	73	12.5×4	T0	T1	T1	T2	T2
db808	13.4	18.1	22.6	27.2	31.8	36.6	12.5×8	T1	T2	T2	T3	T4
db812	8.9	12.0	15.1	18.1	21.2	24.2	12.5×12	T2	T2	T3	T4	T4
db816	6.7	9.0	11.3	13.6	15.9	18.2	12.5×16	T3	T3	T4	T4	T5

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions				
				D1	D2	D3	D4	D5	a	b	c	h	WB
db804	10	1Am	M4	7.6	11.1	15.2	18.7	27.8	1650	min26	max. 1100	850	1350
	8	2m	M5	9.5	13.9	18.9	23.4	34.7				800	
	6.3	3m	M6	12.0	17.6	24.0	29.7	44.1				850	
	5	4m	M7	15.2	22.2	30.3	37.4	55.6				850	
	4	5m	M8	18.9	27.8	37.9	46.7	69.4				850	
db808	20	1Am	M4	3.8	5.6	7.6	9.3	13.9	1800	min34		950	1400
	16	2m	M5	4.7	6.9	9.5	11.7	17.4				900	
	12	3m	M6	6.3	9.3	12.6	15.6	23.1				950	
	10	4m	M7	7.6	11.1	15.2	18.7	27.8				950	
	8	5m	M8	9.5	13.9	18.9	23.4	34.7				950	
db812	30	1Am	M4	2.5	3.7	5.1	6.2	9.3	2000	min34		1000	1500
	25	2m	M5	3.0	4.4	6.1	7.5	11.1				950	
	20	3m	M6	3.8	5.6	7.6	9.3	13.9				1000	
	16	4m	M7	4.7	6.9	9.5	11.7	17.4				1000	
	12	5m	M8	6.3	9.3	12.6	15.6	23.1				1000	
db816	40	1Am	M4	1.9	2.8	3.8	4.7	6.9	2100	min44		1050	1550
	32	2m	M5	2.4	3.5	4.7	5.8	8.7				1000	
	25	3m	M6	3.0	4.4	6.1	7.5	11.1				1050	
	20	4m	M7	3.8	5.6	7.6	9.3	13.9				1050	
	16	5m	M8	4.7	6.9	9.5	11.7	17.4				1050	

DB Crab

DB 1000 (5~50ton)



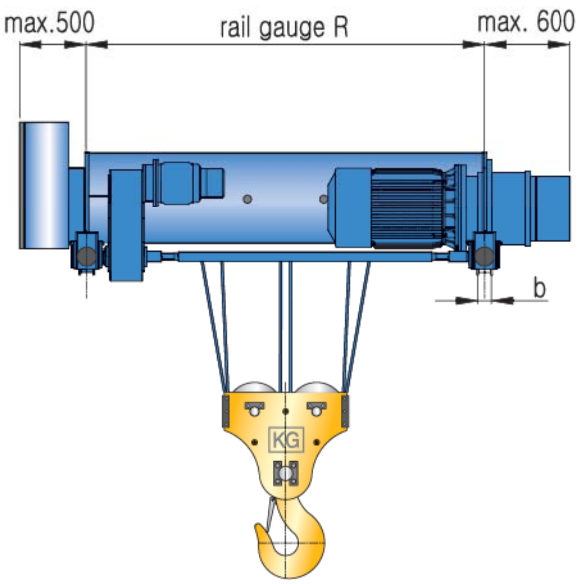


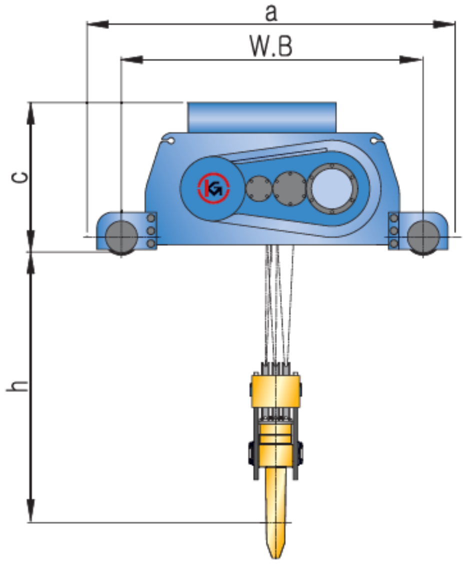
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2000	R2400	R2800	R3200	R3600	R4000		10	15	20	30	40
db1004	36	45	54	64	73	82	14×4	T0	T1	T1	T2	T2
db1008	18.0	22.6	27.2	31.8	36.4	41.0	14×8	T1	T2	T2	T3	T4
db1012	12.0	15.1	18.1	21.2	24.3	27.3	14×12	T2	T3	T4	T4	T5
db1016	9.0	11.3	13.6	15.9	18.2	20.5	14×16	T2	T3	T4	T5	T6

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions mm				
				D1	D2	D3	D4	D5	a	b	c	h	WB
	12	1Am	M4	6.3	9.3	12.6	15.6	23.1				1150	
	10	2m	M5	7.6	11.1	15.2	18.7	27.8				1100	
db1004	8	3m	M6	9.5	13.9	18.9	23.4	34.7	2100	min34		1150	1750
	6.3	4m	M7	12.0	17.6	24.0	29.7	44.1				1150	
	5	5m	M8	15.2	22.2	30.3	37.4	55.6				1150	
	25	1Am	M4	3.0	4.4	6.1	7.5	11.1				1350	
	20	2m	M5	3.8	5.6	7.6	9.3	13.9				1300	
db1008	16	3m	M6	4.7	6.9	9.5	11.7	17.4	2300	min34		1350	1850
	12	4m	M7	6.3	9.3	12.6	15.6	23.1				1350	
	10	5m	M8	7.6	11.1	15.2	18.7	27.8			max. 1200	1400	
	40	1Am	M4	1.9	2.8	3.8	4.7	6.9				1450	
	32	2m	M5	2.4	3.5	4.7	5.8	8.7				1400	
db1012	25	3m	M6	3.0	4.4	6.1	7.5	11.1	2400	min44		1450	1900
	20	4m	M7	3.8	5.6	7.6	9.3	13.9				1450	
	16	5m	M8	4.7	6.9	9.5	11.7	17.4				1500	
	50	1Am	M4	1.5	2.2	3.0	3.7	5.6				1550	
	40	2m	M5	1.9	2.8	3.8	4.7	6.9				1500	
db1016	32	3m	M6	2.4	3.5	4.7	5.8	8.7	2500	min46		1550	1950
	25	4m	M7	3.0	4.4	6.1	7.5	11.1				1550	
	20	5m	M8	3.8	5.6	7.6	9.3	13.9				1600	

DB Crab

DB 1200 (6.3~63ton)



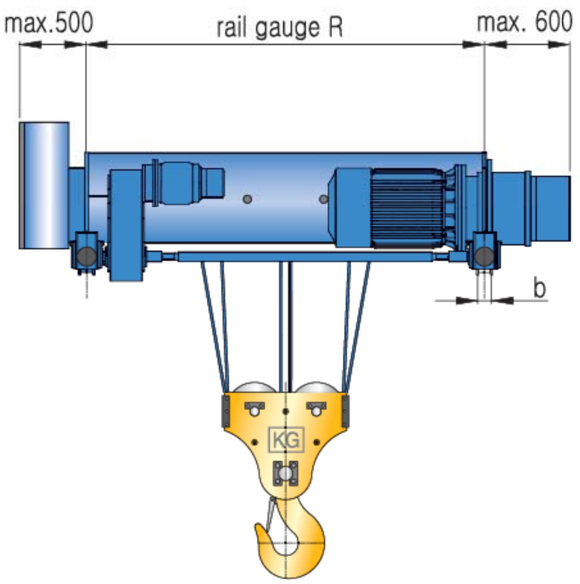


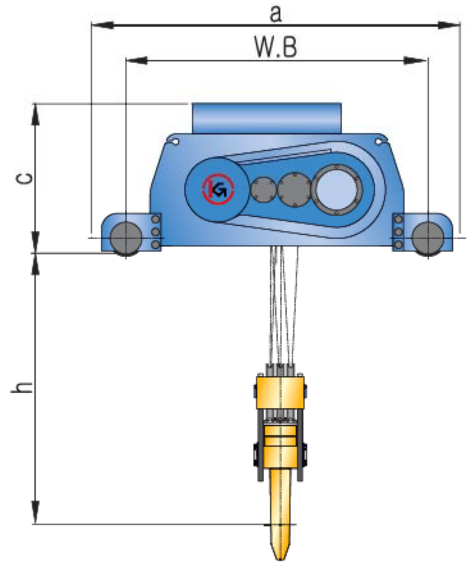
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2000	R2400	R2800	R3200	R3600	R4000		10	15	20	30	40
db1204	35	44	53	62	71	79	**16×4**	T1	T1	T2	T2	T3
db1208	17.3	21.9	26.3	30.8	35.3	39.7	**16×8**	T2	T2	T3	T4	T4
db1212	11.5	14.6	17.6	20.5	23.5	26.5	**16×12**	T2	T3	T4	T5	T6
db1216	8.6	10.9	13.2	15.4	17.6	19.9	**16×16**	T3	T4	T4	T5	T6

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions				
				D1	D2	D3	D4	D5	a	b	c	h	WB
db1204	16	1Am	M4	4.7	6.9	9.5	11.7	17.4	2300	min34	max. 1300	1250	1850
	12	2m	M5	6.3	9.3	12.6	15.6	23.1				1200	
	10	3m	M6	7.6	11.1	15.2	18.7	27.8				1250	
	8	4m	M7	9.5	13.9	18.9	23.4	34.7				1250	
	6.3	5m	M8	12.0	17.6	24.0	29.7	44.1				1250	
db1208	32	1Am	M4	2.4	3.5	4.7	5.8	8.7	2500	min44		1450	1950
	25	2m	M5	3.0	4.4	6.1	7.5	11.1				1400	
	20	3m	M6	3.8	5.6	7.6	9.3	13.9				1450	
	16	4m	M7	4.7	6.9	9.5	11.7	17.4				1450	
	12	5m	M8	6.3	9.3	12.6	15.6	23.1				1450	
db1212	50	1Am	M4	1.5	2.2	3.0	3.7	5.6	2700	min46		1700	2050
	40	2m	M5	1.9	2.8	3.8	4.7	6.9				1650	
	30	3m	M6	2.5	3.7	5.1	6.2	9.3				1700	
	25	4m	M7	3.0	4.4	6.1	7.5	11.1				1700	
	20	5m	M8	3.8	5.6	7.6	9.3	13.9				1700	
db1216	63	1Am	M4	1.2	1.8	2.4	3.0	4.4	2800	min46		1750	2100
	50	2m	M5	1.5	2.2	3.0	3.7	5.6				1700	
	40	3m	M6	1.9	2.8	3.8	4.7	6.9				1750	
	32	4m	M7	2.4	3.5	4.7	5.8	8.7				1750	
	25	5m	M8	3.0	4.4	6.1	7.5	11.1				1750	

DB Crab

DB 1600 (8~80ton)



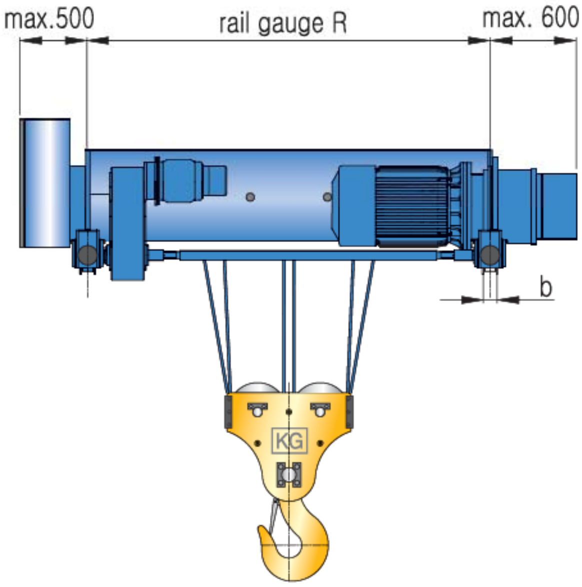


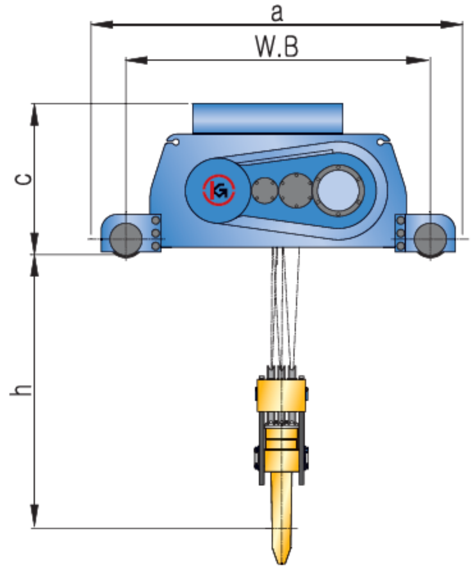
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
db1604	43	52	61	70	79	90	**18×4**	T1	T2	T2	T3	T4
db1608	21.7	26.1	30.5	35.0	39.4	45.0	**18×8**	T2	T3	T4	T4	T5
db1612	14.4	17.4	20.4	23.3	26.3	30.0	**18×12**	T3	T4	T4	T5	T6
db1616	10.8	13.0	15.3	17.5	19.7	22.5	**18×16**	T3	T4	T5	T6	T7

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions mm				
				D2	D3	D4	D5	D6	a	b	c	h	WB
	20	1Am	M4	5.6	7.6	9.3	13.9	18.9				1350	
	16	2m	M5	6.9	9.5	11.7	17.4	23.7				1300	
db1604	12	3m	M6	9.3	12.6	15.6	23.1	31.6	2400	min34		1350	1950
	10	4m	M7	11.1	15.2	18.7	27.8	37.9				1400	
	8	5m	M8	13.9	18.9	23.4	34.7	47.3				1450	
	40	1Am	M4	2.8	3.8	4.7	6.9	9.5				1550	
	32	2m	M5	3.5	4.7	5.8	8.7	11.8				1500	
db1608	25	3m	M6	4.4	6.1	7.5	11.1	15.2	2700	min44		1550	2100
	20	4m	M7	5.6	7.6	9.3	13.9	18.9				1600	
	16	5m	M8	6.9	9.5	11.7	17.4	23.7			max.	1650	
	63	1Am	M4	1.8	2.4	3.0	4.4	6.0			1400	1800	
	50	2m	M5	2.2	3.0	3.7	5.6	7.6				1750	
db1612	40	3m	M6	2.8	3.8	4.7	6.9	9.5	2900	min46		1800	2200
	32	4m	M7	3.5	4.7	5.8	8.7	11.8				1850	
	25	5m	M8	4.4	6.1	7.5	11.1	15.2				1900	
	80	1Am	M4	1.4	1.9	2.3	3.5	4.7				1850	
	63	2m	M5	1.8	2.4	3.0	4.4	6.0				1800	
db1616	50	3m	M6	2.2	3.0	3.7	5.6	7.6	3100	min46		1850	2300
	40	4m	M7	2.8	3.8	4.7	6.9	9.5				1900	
	32	5m	M8	3.5	4.7	5.8	8.7	11.8				1950	

DB Crab

DB 2000 (10~100ton)



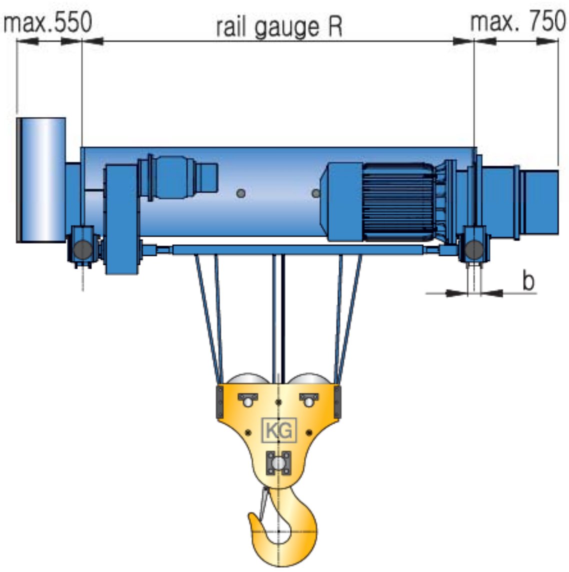


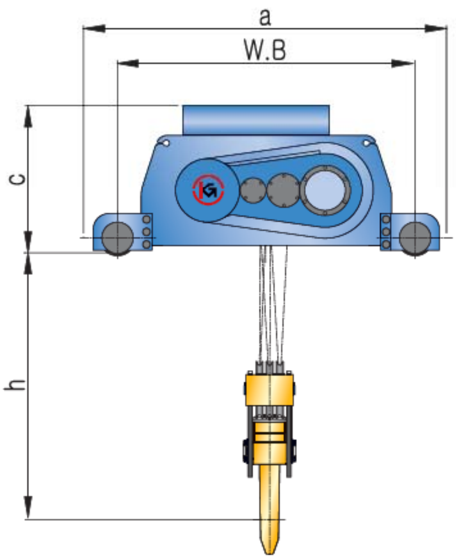
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
db2004	44	53	62	71	80	91	20×4	T1	T2	T2	T3	T4
db2008	21.8	26.3	30.8	35.3	39.8	45.4	20×8	T2	T3	T4	T5	T6
db2012	14.5	17.5	20.5	23.5	26.5	30.3	20×12	T3	T4	T5	T6	T7
db2016	10.9	13.2	15.4	17.6	19.9	22.7	20×16	T4	T5	T6	T7	T8

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions mm				
				D2	D3	D4	D5	D6	a	b	c	h	WB
	25	1Am	M4	4.4	6.1	7.5	11.1	15.2				1650	
	20	2m	M5	5.6	7.6	9.3	13.9	18.9				1600	
db2004	16	3m	M6	6.9	9.5	11.7	17.4	23.7	2700	min34		1650	2200
	12	4m	M7	9.3	12.6	15.6	23.1	31.6				1700	
	10	5m	M8	11.1	15.2	18.7	27.8	37.9				1750	
	50	1Am	M4	2.2	3.0	3.7	5.6	7.9				1850	
	40	2m	M5	2.8	3.8	4.7	6.9	9.5				1800	
db2008	32	3m	M6	3.5	4.7	5.8	8.7	11.8	2900	min46		1850	2300
	25	4m	M7	4.4	6.1	7.5	11.1	15.2				1900	
	20	5m	M8	5.6	7.6	9.3	13.9	18.9			max. 1500	1950	
	80	1Am	M4	1.4	1.9	2.3	3.5	4.7				1900	
	63	2m	M5	1.8	2.4	3.0	4.4	6.0				1850	
db2012	50	3m	M6	2.2	3.0	3.7	5.6	7.6	3150	min46		1900	2350
	40	4m	M7	2.8	3.8	4.7	6.9	9.5				1950	
	32	5m	M8	3.5	4.7	5.8	8.7	11.8				2000	
	100	1Am	M4	1.1	1.5	1.9	2.8	3.8				1950	
	80	2m	M5	1.4	1.9	2.3	3.5	4.7				1900	
db2016	63	3m	M6	1.8	2.4	3.0	4.4	6.0	2900	min84		1950	2300
	50	4m	M7	2.2	3.0	3.7	5.6	7.6				2000	
	40	5m	M8	2.8	3.8	4.7	6.9	9.5				2050	

DB Crab

DB 2500 (12.5~125ton)



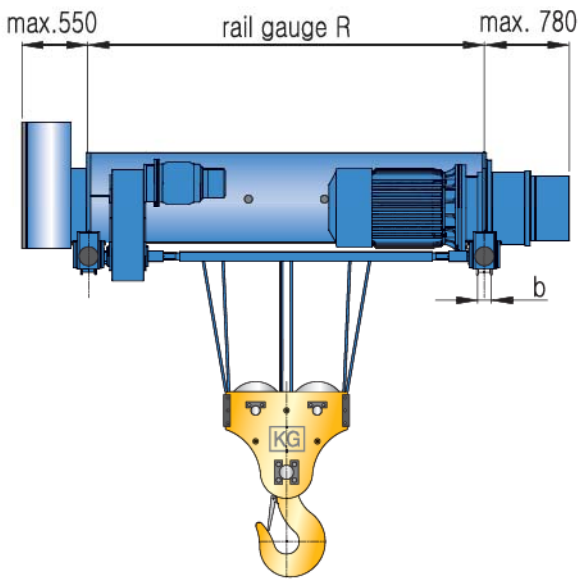


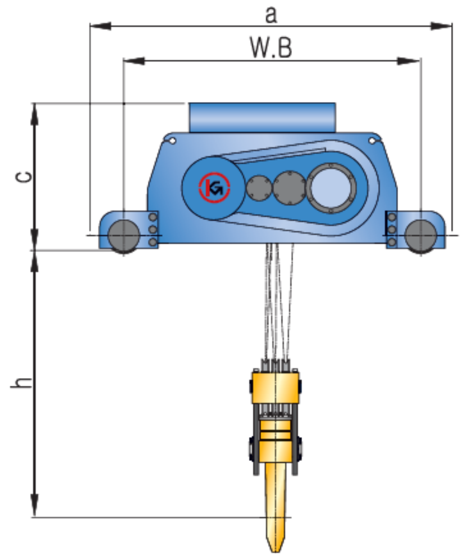
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
db2504	43	52	61	70	79	90	**22.4×4**	T2	T2	T3	T4	T4
db2508	21.5	25.9	30.4	34.9	39.3	44.9	**22.4×8**	T3	T4	T4	T5	T6
db2512	14.3	17.3	20.3	23.2	26.2	29.9	**22.4×12**	T4	T5	T5	T7	T7
db2516	10.7	13.0	15.2	17.4	19.7	22.5	**22.4×16**	T4	T5	T6	T7	T8

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions mm				
				D2	D3	D4	D5	D6	a	b	c	h	WB
db2504	32	1Am	M4	3.5	4.7	5.8	8.7	11.8	2800	min34	max. 1600	1550	2250
	25	2m	M5	4.4	6.1	7.5	11.1	15.2				1500	
	20	3m	M6	5.6	7.6	9.3	13.9	18.9				1550	
	16	4m	M7	6.9	9.5	11.7	17.4	23.7				1600	
	12	5m	M8	9.3	12.6	15.6	23.1	31.6				1650	
db2508	63	1Am	M4	1.8	2.4	3.0	4.4	6.0	3000	min46		1850	2400
	50	2m	M5	2.2	3.0	3.7	5.6	7.6				1800	
	40	3m	M6	2.8	3.8	4.7	6.9	9.5				1850	
	32	4m	M7	3.5	4.7	5.8	8.7	11.8				1900	
	25	5m	M8	4.4	6.1	7.5	11.1	15.2				1950	
db2512	100	1Am	M4	1.1	1.5	1.9	2.8	3.8	3000	min84		1950	2400
	80	2m	M5	1.4	1.9	2.3	3.5	4.7				1900	
	63	3m	M6	1.8	2.4	3.0	4.4	6.0				1950	
	50	4m	M7	2.2	3.0	3.7	5.6	7.6				2000	
	40	5m	M8	2.8	3.8	4.7	6.9	9.5				2050	
db2516	125	1Am	M4	0.9	1.2	1.5	2.2	3.0	3050	min84		2050	2400
	100	2m	M5	1.1	1.5	1.9	2.8	3.8				2000	
	80	3m	M6	1.4	1.9	2.3	3.5	4.7				2050	
	63	4m	M7	1.8	2.4	3.0	4.4	6.0				2100	
	50	5m	M8	2.2	3.0	3.7	5.6	7.6				2150	

DB Crab

DB 3200 (20~200ton)



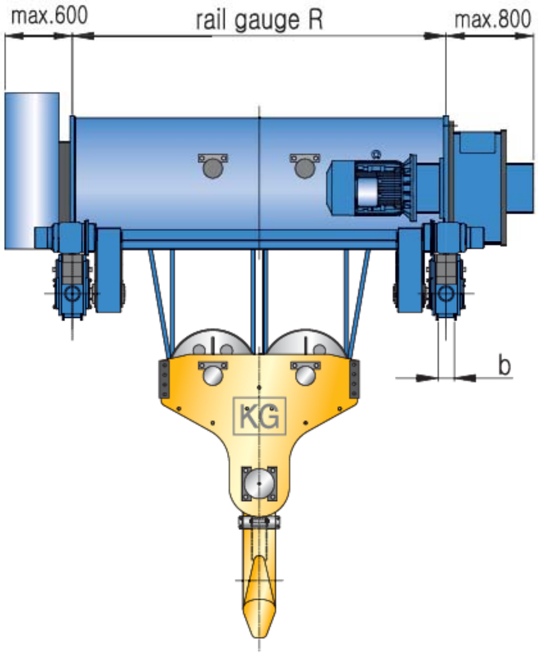


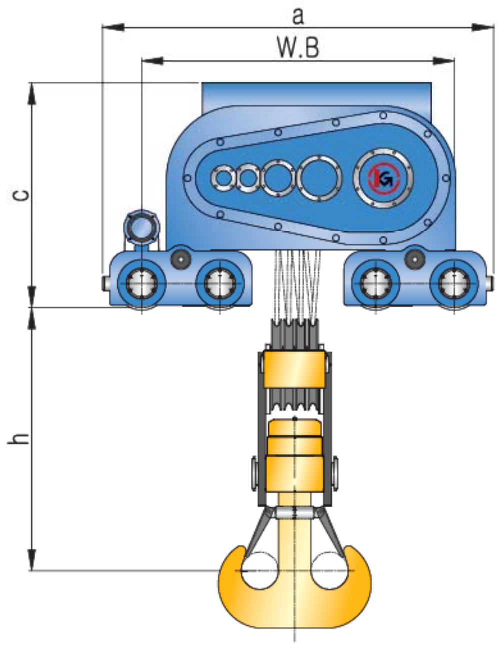
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
db3204	42	51	59	68	77	88	**26×4**	T2	T3	T4	T4	T5
db3208	20.9	25.3	29.7	34.1	38.5	44.0	**26×8**	T4	T4	T5	T6	T7
db3212	14.0	16.9	19.8	22.7	25.7	29.3	**26×12**	T4	T5	T6	T7	T8
db3216	10.5	12.7	14.9	17.1	19.3	22.0	**26×16**	T5	T6	T7	T8	T9

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions				
				D3	D4	D5	D6	D7	a	b	c	h	WB
	50	1Bm	M3	3.0	3.7	5.6	7.6	9.1				1800	
	40	1Am	M4	3.8	4.7	6.9	9.5	11.4				1750	
db3204	32	2m	M5	4.7	5.8	8.7	11.8	14.2	2760	min44		1700	2360
	25	3m	M6	6.1	7.5	11.1	15.2	18.2				1280	
	20	4m	M7	7.6	9.3	13.9	18.9	22.7				1280	
	100	1Bm	M3	1.5	1.9	2.8	3.8	4.5				2000	
	80	1Am	M4	1.9	2.3	3.5	4.7	5.7				1950	
db3208	63	2m	M5	2.4	3.0	4.4	6.0	7.2	3100	min46		1900	2450
	50	3m	M6	3.0	3.7	5.6	7.6	9.1				1950	
	40	4m	M7	3.8	4.7	6.9	9.5	11.4			max.	2000	
	160	1Bm	M3	0.9	1.2	1.7	2.4	2.8			1700	2200	
	125	1Am	M4	1.2	1.5	2.2	3.0	3.6				2150	
db3212	100	2m	M5	1.5	1.9	2.8	3.8	4.5	3100	min84		2100	2450
	80	3m	M6	1.9	2.3	3.5	4.7	5.7				2150	
	63	4m	M7	2.4	3.0	4.4	6.0	7.2				2200	
	200	1Bm	M3	0.8	0.9	1.4	1.9	2.3				2350	
	160	1Am	M4	0.9	1.2	1.7	2.4	2.8				2300	
db3216	125	2m	M5	1.2	1.5	2.2	3.0	3.6	2950	min84		2250	2400
	100	3m	M6	1.5	1.9	2.8	3.8	4.5				2300	
	80	4m	M7	1.9	2.3	3.5	4.7	5.7				2350	

DB Crab

DB 5000 (32~320ton)



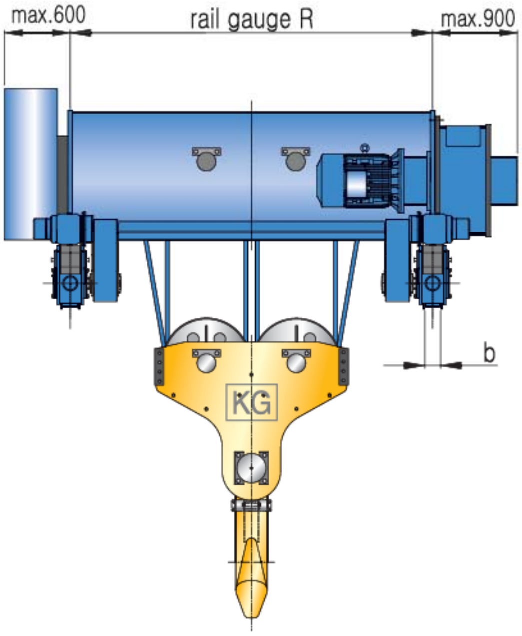


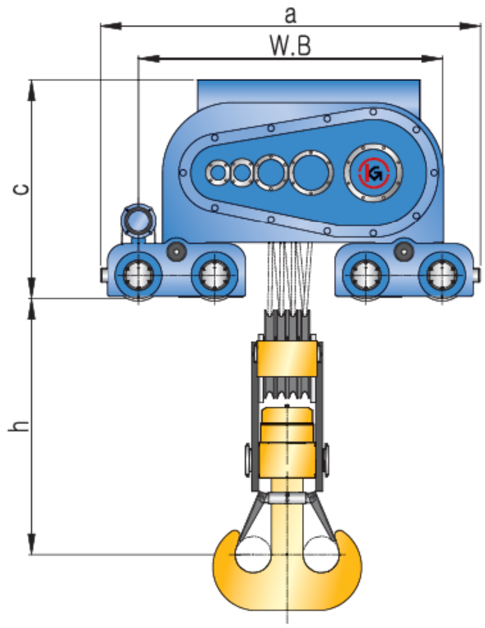
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2800	R3200	R3600	R4000	R4500	R5000		10	15	20	30	40
db5004	51	60	69	77	89	100	32×4	T3	T4	T4	T5	T6
db5008	25.4	29.8	34.3	38.7	44.3	49.9	32×8	T4	T5	T6	T7	T8
db5012	16.9	19.9	22.9	25.8	29.5	33.3	32×12	T5	T7	T7	T9	T9
db5016	12.7	14.9	17.1	19.4	22.2	24.9	32×16	T6	T7	T8	T9	T10

MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions mm				
				D4	D5	D6	D7	D8	a	b	c	h	WB
db5004	80	1Bm	M3	2.3	3.5	4.7	5.7	6.9	3650	min46	max. 1800	1750	3000
	63	1Am	M4	3.0	4.4	6.0	7.2	8.8				1700	
	50	2m	M5	3.7	5.6	7.6	9.1	11.1				1650	
	40	3m	M6	4.7	6.9	9.5	11.4	13.9				1700	
	32	4m	M7	5.8	8.7	11.8	14.2	17.4				1750	
db5008	160	1Bm	M3	1.2	1.7	2.4	2.8	3.5	3650	min84		2300	3000
	125	1Am	M4	1.5	2.2	3.0	3.6	4.4				2250	
	100	2m	M5	1.9	2.8	3.8	4.5	5.6				2200	
	80	3m	M6	2.3	3.5	4.7	5.7	6.9				2250	
	63	4m	M7	3.0	4.4	6.0	7.2	8.8				2300	
db5012	250	1Bm	M3	0.7	1.1	1.5	1.8	2.2	3250	min84		2500	2650
	200	1Am	M4	0.9	1.4	1.9	2.3	2.8				2450	
	160	2m	M5	1.2	1.7	2.4	2.8	3.5				2400	
	125	3m	M6	1.5	2.2	3.0	3.6	4.4				2450	
	100	4m	M7	1.9	2.8	3.8	4.5	5.6				2500	
db5016	320	1Bm	M3	0.6	1.9	1.2	1.4	1.7	3300	min84		2700	2700
	250	1Am	M4	1.7	1.1	1.5	1.8	2.2				2650	
	200	2m	M5	0.9	1.4	1.9	2.3	2.8				2600	
	160	3m	M6	1.2	1.7	2.4	2.8	3.5				2650	
	125	4m	M7	1.5	2.2	3.0	3.6	4.4				2700	

DB Crab

DB 6300 (40~400ton)





MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2800	R3200	R3600	R4000	R4500	R5000		10	15	20	30	40
db6304	50	59	68	76	87	99	35.5×4	T3	T4	T5	T6	T7
db6308	24.9	29.4	33.8	38.2	43.7	49.3	35.5×8	T5	T6	T7	T8	T9
db6312	16.6	19.6	22.5	25.5	29.2	32.8	35.5×12	T6	T7	T8	T9	T10
db6316	12.5	14.7	16.9	19.1	21.9	24.6	35.5×16	T7	T8	T9	T10	T11

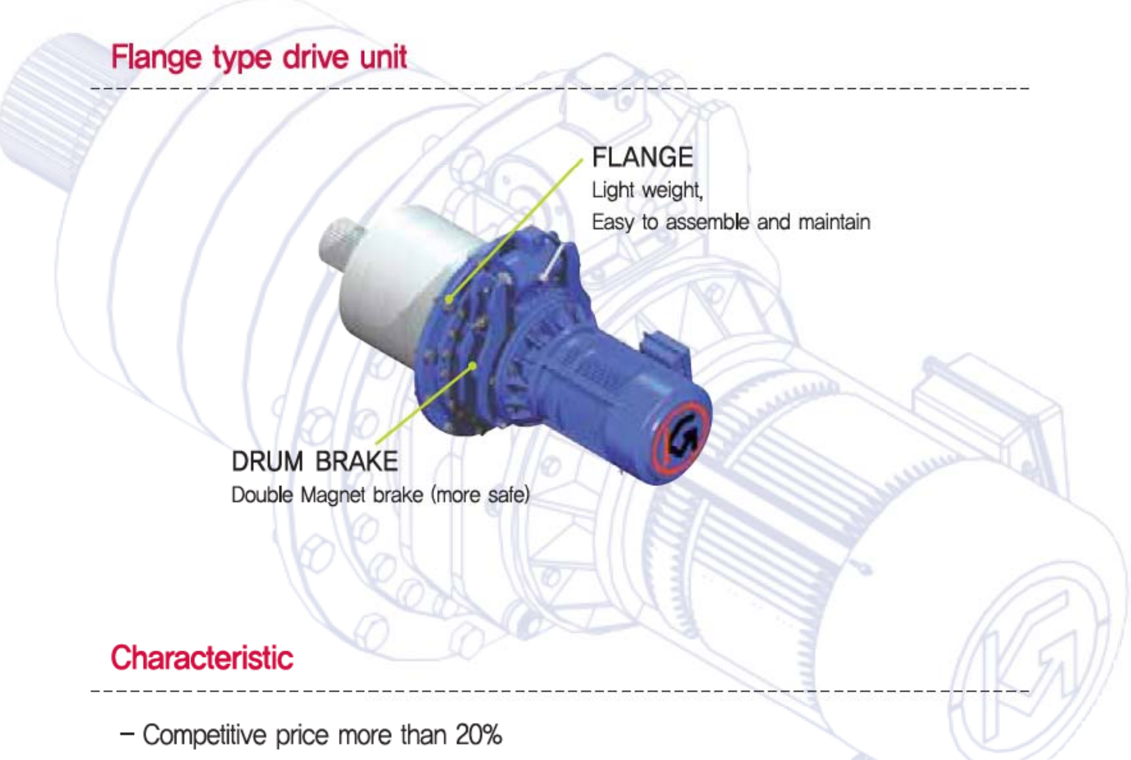
MODEL	Capacity	FEM	ISO	Hoisting Speed m/min					Dimensions				
				D4	D5	D6	D7	D8	a	b	c	h	WB
db6304	100	1Bm	M3	1.9	2.8	3.8	4.5	5.6	4000	min46	max. 1900	1950	3300
	80	1Am	M4	2.3	3.5	4.7	5.7	6.9				1900	
	63	2m	M5	3.0	4.4	6.0	7.2	8.8				1850	
	50	3m	M6	3.7	5.6	7.6	9.1	11.1				1900	
	40	4m	M7	4.7	6.9	9.5	11.4	13.9				1950	
db6308	200	1Bm	M3	0.9	1.4	1.9	2.3	2.8	3400	min84		2600	2850
	160	1Am	M4	1.2	1.7	2.4	2.8	3.5				2550	
	125	2m	M5	1.5	2.2	3.0	3.6	4.4				2500	
	100	3m	M6	1.9	2.8	3.8	4.5	5.6				2550	
	80	4m	M7	2.3	3.5	4.7	5.7	6.9				2600	
db6312	300	1Bm	M3	0.6	0.9	1.3	1.5	1.9	3600	min84		2800	3000
	250	1Am	M4	0.7	1.1	1.5	1.8	2.2				2750	
	200	2m	M5	0.9	1.4	1.9	2.3	2.8				2700	
	150	3m	M6	1.2	1.9	2.5	3.0	3.7				2750	
	125	4m	M7	1.5	2.2	3.0	3.6	4.4				2800	
db6316	400	1Bm	M3	0.5	0.7	0.9	1.1	1.4	3800	min84		3000	3150
	320	1Am	M4	0.6	0.9	1.2	1.4	1.7				2950	
	250	2m	M5	0.7	1.1	1.5	1.8	2.2				2900	
	200	3m	M6	0.9	1.4	1.9	2.3	2.8				2950	
	160	4m	M7	1.2	1.7	2.4	2.8	3.5				3000	

DB Crab S Series

DB Crab S Series is a new generation special type of DB Crab from KG Cranes.
It is more light and easy to maintain by using progressive technique of modular system.

- Competitive Price
- Compact Size
- Modular Design
- Flange type Drive Unit
- Powerful
- More Safe

Flange type drive unit

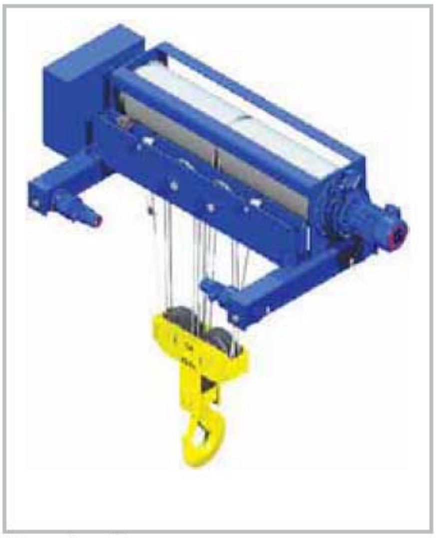


ECO energy conservation
KGP Power Regenerative Unit

Characteristic

- Competitive price more than 20%
- Easy to assemble and maintain by using progressive technique of modular system
- Design flexibility and adaptability of the structure according to the space
- More compact and light by using flange type drive unit
- More safe by using drum brake
- All the hoists are fitted with a load cell
- Up to 600tons capacity
- Saving electric bill (up to 30%) by using KGP (option)

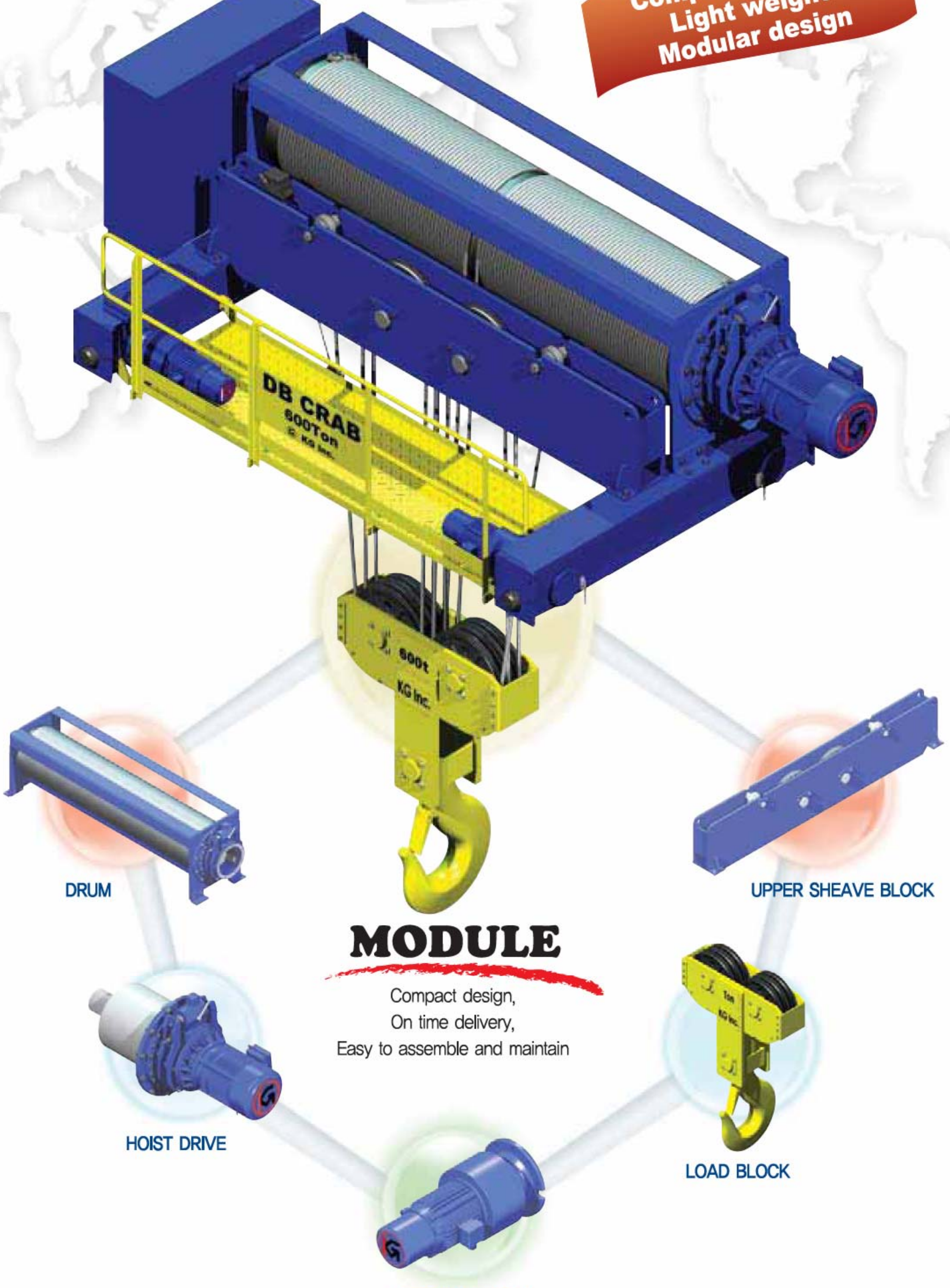
Variety



Regular Type

Square Type

Competitive Price
Light weight
Modular design

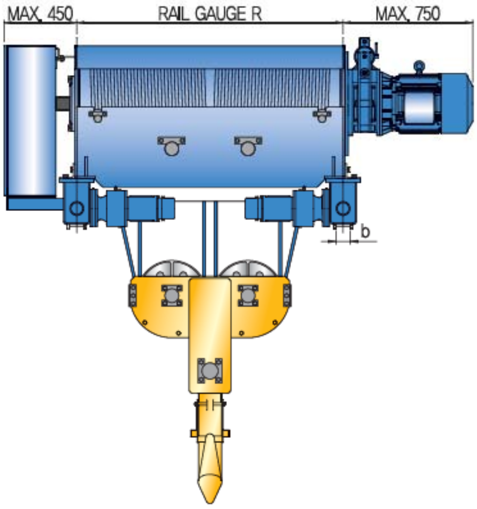


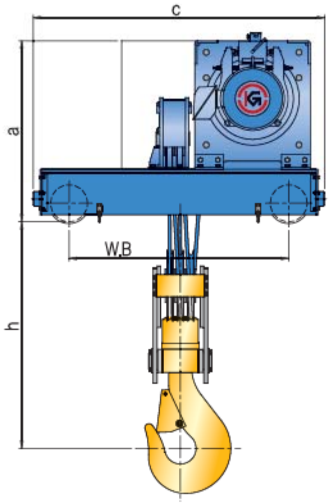
MODULE

Compact design,
On time delivery,
Easy to assemble and maintain

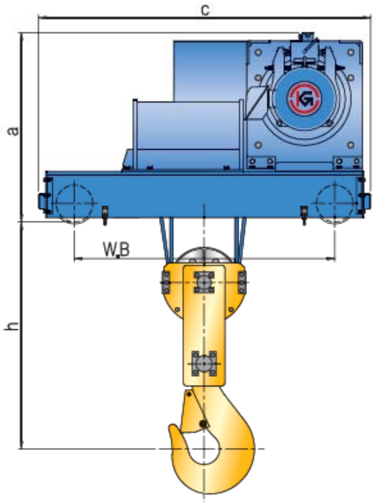
DB Crab S Series

S 500 (2.5~25ton)





(R) Type



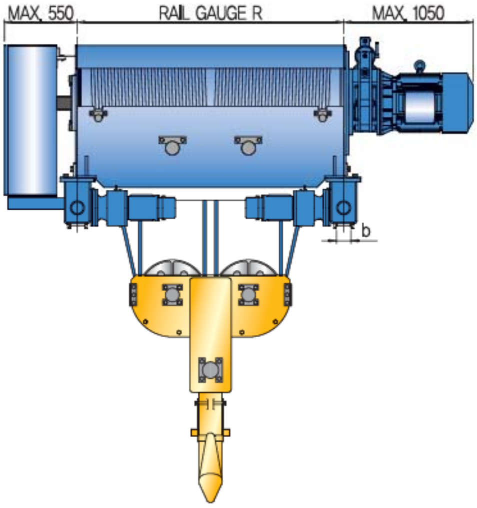
(S) Type

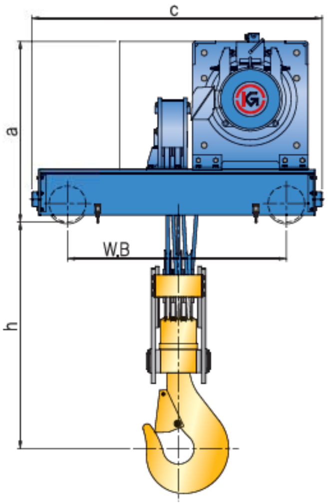
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R1600	R2000	R2400	R2800	R3200	R3600		10	15	20	30	40
S504	27	36	46	55	64	73	10×4	P07	P07	P07	P07	P07
S508	13.5	18.2	22.8	27.3	31.9	36.5	10×8	P07	P07	P07	P07	P07
S512	9	12.1	15.2	18.2	21.3	24.3	10×12	P07	P07	P07	P10	P15
S516	6.8	9.1	11.4	13.7	16.0	18.2	10×16	P07	P07	P07	P15	P15

MODEL	Capacity	FEM / ISO	Hoisting Speed m/min					Dimensions					
			S37	S55	H09	H11	H15	a	b	c (R)	c (S)	h	WB
S504	6.3	1Am / M4	3.0	4.4	6.0	8.8	12.0	max 1000	min 26	1200	1350	780	900
	5	2m / M5	3.7	5.6	7.6	11.1	15.2					780	
	4	3m / M6	4.7	6.9	9.5	13.9	18.9					780	
	3.2	4m / M7	5.8	8.7	11.8	17.4	23.7					780	
	2.5	5m / M8	7.5	11.1	15.2	22.2	30.3					780	
S508	12	1Am / M4	1.6	2.3	3.2	4.6	6.3		min 34	1250	1350	830	950
	10	2m / M5	1.9	2.8	3.8	5.6	7.6					830	
	8	3m / M6	2.3	3.5	4.7	6.9	9.5					830	
	6.3	4m / M7	3.0	4.4	6.0	8.8	12.0					830	
	5	5m / M8	3.7	5.6	7.6	11.1	15.2					830	
S512	20	1Am / M4	0.9	1.4	1.9	2.8	3.8		min 34	1300	1350	950	1000
	16	2m / M5	1.2	1.7	2.4	3.5	4.7					950	
	12	3m / M6	1.6	2.3	3.2	4.6	6.3					950	
	10	4m / M7	1.9	2.8	3.8	5.6	7.6					950	
	8	5m / M8	2.3	3.5	4.7	6.9	9.5					950	
S516	25	1Am / M4	0.7	1.1	1.5	2.2	3.0		min 34	1350	1350	1000	1050
	20	2m / M5	0.9	1.4	1.9	2.8	3.8					1000	
	16	3m / M6	1.2	1.7	2.4	3.5	4.7					1000	
	12	4m / M7	1.6	2.3	3.2	4.6	6.3					1000	
	10	5m / M8	1.9	2.8	3.8	5.6	7.6					1000	

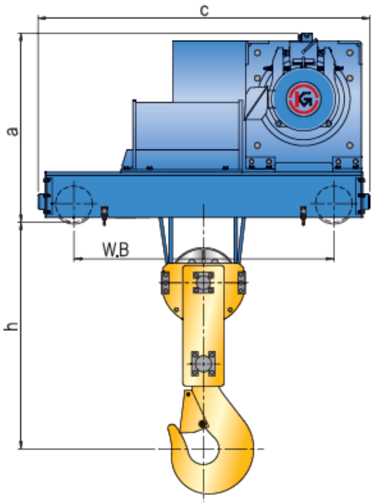
DB Crab S Series

S 800 (4~40ton)





(R) Type



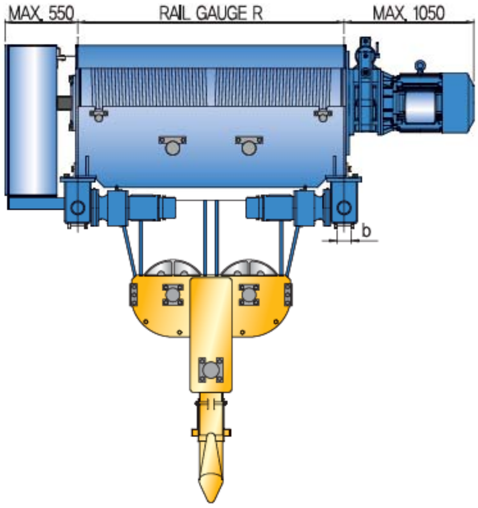
(S) Type

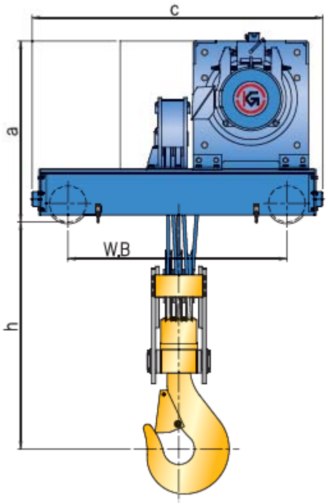
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R1600	R2000	R2400	R2800	R3200	R3600		10	15	20	30	40
S804	27	36	45	54	64	73	12.5×4	P07	P07	P07	P07	P07
S808	13.4	18.1	22.6	27.2	31.8	36.6	12.5×8	P07	P07	P07	P10	P15
S812	8.9	12.0	15.1	18.1	21.2	24.2	12.5×12	P07	P07	P10	P15	P22
S816	6.7	9.0	11.3	13.6	15.9	18.2	12.5×16	P07	P10	P15	P22	P37

MODEL	Capacity	FEM /ISO	Hoisting Speed m/min					Dimensions					
			H11	H30	H37	H45	H55	a	b	c (R)	c (S)	h	WB
S804	10	1Am / M4	7.6	11.1	15.2	18.7	27.8	max 1100	min 26	1250	1500	850	900
	8	2m / M5	9.5	13.9	18.9	23.4	34.7					800	
	6.3	3m / M6	12.0	17.6	24.0	30.3	44.1					850	
	5	4m / M7	15.2	22.2	30.3	37.4	55.6					850	
	4	5m / M8	18.9	27.8	37.9	46.7	69.4					850	
S808	20	1Am / M4	3.8	5.6	7.6	9.3	13.9		min 34	1300	1500	950	950
	16	2m / M5	4.7	6.9	9.5	11.7	17.4					900	
	12	3m / M6	6.3	9.3	12.6	15.6	23.1					950	
	10	4m / M7	7.6	11.1	15.2	18.7	27.8					950	
	8	5m / M8	9.5	13.9	18.9	23.4	34.7					950	
S812	30	1Am / M4	2.5	3.7	5.1	6.2	9.3		min 34	1350	1500	1000	1000
	25	2m / M5	3.0	4.4	6.1	7.5	11.1					950	
	20	3m / M6	3.8	5.6	7.6	9.3	13.9					1000	
	16	4m / M7	4.7	6.9	9.5	11.7	17.4					1000	
	12	5m / M8	6.3	9.3	12.6	15.6	23.1					1000	
S816	40	1Am / M4	1.9	2.8	3.8	4.7	6.9		min 44	1400	1500	1050	1050
	32	2m / M5	2.4	3.5	4.7	5.8	8.7					1000	
	25	3m / M6	3.0	4.4	6.1	7.5	11.1					1050	
	20	4m / M7	3.8	5.6	7.6	9.3	13.91					1050	
	16	5m / M8	4.7	6.9	9.5	11.7	7.4					1050	

DB Crab S Series

S 1000 (5~50ton)





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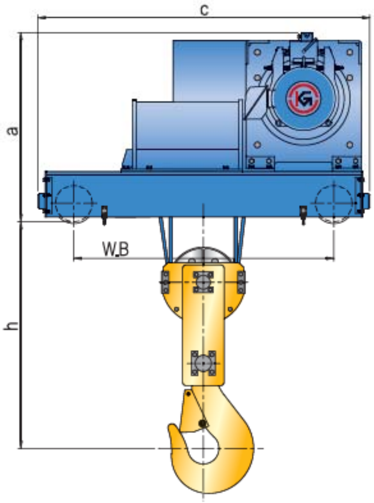


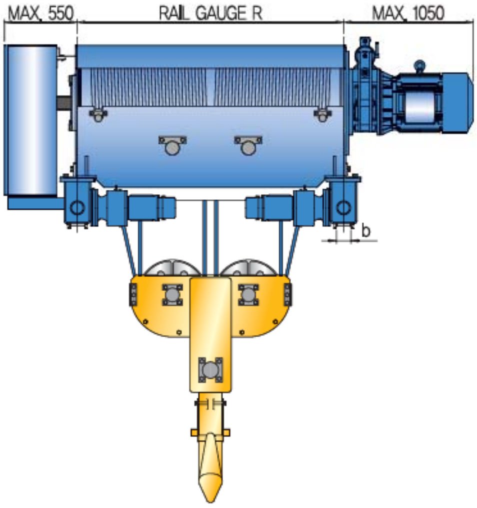
(S) Type

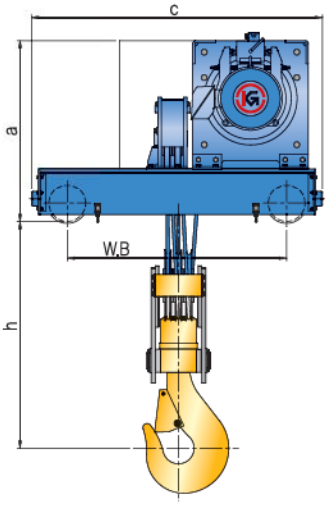
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2000	R2400	R2800	R3200	R3600	R4000		10	15	20	30	40
S1004	36	45	54	64	73	82	14×4	P07	P07	P07	P07	P07
S1008	18	22.6	27.2	31.8	36.4	41.0	14×8	P07	P07	P07	P15	P15
S1012	12.0	15.1	18.1	21.2	24.3	27.3	14×12	P07	P10	P15	P22	P37
S1016	9.0	11.3	13.6	15.9	18.2	20.5	14×16	P07	P15	P15	P22	P37

MODEL	Capacity	FEM / ISO	Hoisting Speed m/min					Dimensions					
			H15	H22	H30	H37	H55	a	b	c (R)	c (S)	h	WB
S1004	12	1Am / M4	6.3	9.3	12.6	15.6	23.1	max 1200	min 34	1300	1550	1150	950
	10	2m / M5	7.6	11.1	15.2	18.7	27.3					1100	
	8	3m / M6	9.5	13.9	18.9	23.4	34.7					1150	
	6.3	4m / M7	12.0	17.6	24.0	29.7	44.1					1150	
	5	5m / M8	15.2	22.2	30.3	37.4	55.6					1150	
S1008	25	1Am / M4	3.0	4.4	6.1	7.5	11.1		min 34	1350	1550	1350	1000
	20	2m / M5	3.8	5.6	7.6	9.3	13.9					1300	
	16	3m / M6	4.7	6.9	9.5	11.7	17.4					1350	
	12	4m / M7	6.3	9.3	12.6	15.6	23.1					1350	
	10	5m / M8	7.6	11.1	15.2	18.7	27.8					1400	
S1012	40	1Am / M4	1.9	2.8	3.8	4.7	6.9		min 44	1400	1550	1450	1050
	32	2m / M5	2.4	3.5	4.7	5.8	8.7					1400	
	25	3m / M6	3.0	4.4	6.1	7.5	11.1					1450	
	20	4m / M7	3.8	5.6	7.6	9.3	13.9					1450	
	16	5m / M8	4.7	6.9	9.5	11.7	17.4					1500	
S1016	50	1Am / M4	1.5	2.2	3.0	3.7	5.6		min 46	1450	1550	1550	1100
	40	2m / M5	1.9	2.8	3.8	4.7	6.9					1500	
	32	3m / M6	2.4	3.5	4.7	5.8	8.7					1550	
	25	4m / M7	3.0	4.4	6.1	7.5	11.1					1550	
	20	5m / M8	3.8	5.6	7.6	9.3	13.9					1600	

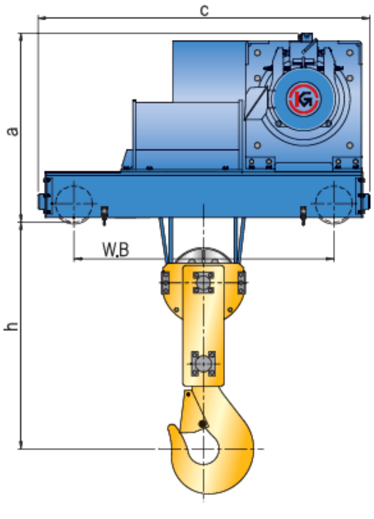
DB Crab S Series

S 1200 (6.3~63ton)





(R) Type



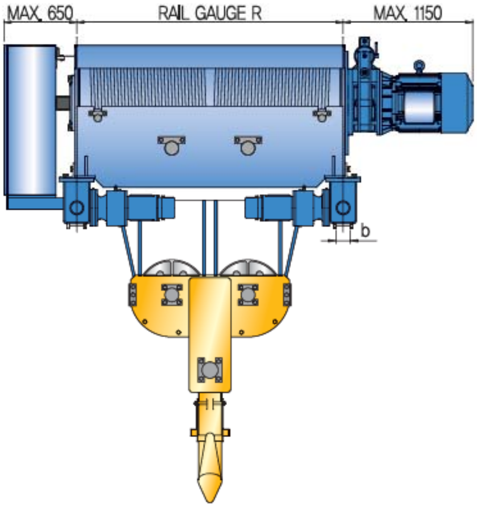
(S) Type

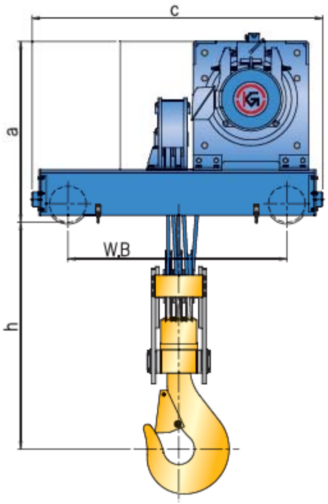
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2000	R2400	R2800	R3200	R3600	R4000		10	15	20	30	40
S1204	35	44	53	62	71	79	16×4	P07	P07	P07	P07	P07
S1208	17.3	21.9	26.3	30.8	35.3	39.7	16×8	P07	P07	P10	P15	P22
S1212	11.5	14.6	17.6	20.5	23.5	26.5	16×12	P07	P15	P15	P22	P37
S1216	8.6	10.9	13.2	15.4	17.6	19.9	16×16	P10	P15	P22	P37	P37

MODEL	Capacity	FEM / ISO	Hoisting Speed m/min					Dimensions					
			H15	H22	H30	H37	H55	a	b	c (R)	c (S)	h	WB
S1204	16	1Am / M4	4.7	6.9	9.5	11.7	17.4	max 1300	min 34	1300	1650	1250	900
	12	2m / M5	6.3	9.3	12.6	15.6	23.1					1200	
	10	3m / M6	7.6	11.1	15.2	18.7	27.8					1250	
	8	4m / M7	9.5	13.9	18.9	23.4	34.7					1250	
	6.3	5m / M8	12.0	17.6	24.0	29.7	44.1					1250	
S1208	32	1Am / M4	2.4	3.5	4.7	5.8	8.7		min 44	1400	1650	1450	1000
	25	2m / M5	3.0	4.4	6.1	7.5	11.1					1400	
	20	3m / M6	3.8	5.6	7.6	9.3	13.9					1450	
	16	4m / M7	4.7	6.9	9.5	11.7	17.4					1450	
	12	5m / M8	6.3	9.3	12.6	15.6	23.1					1450	
S1212	50	1Am / M4	1.5	2.2	3.0	3.7	5.6		min 46	1500	1650	1700	1100
	40	2m / M5	1.9	2.8	3.8	4.7	6.9					1650	
	30	3m / M6	2.5	3.7	5.1	6.2	9.3					1700	
	25	4m / M7	3.0	4.4	6.1	7.5	11.1					1700	
	20	5m / M8	3.8	5.6	7.6	9.3	13.9					1700	
S1216	63	1Am / M4	1.2	1.8	2.4	3.0	4.4		min 46	1600	1650	1750	1200
	50	2m / M5	1.5	2.2	3.0	3.7	5.6					1700	
	40	3m / M6	1.9	2.8	3.8	4.7	6.9					1750	
	32	4m / M7	2.4	3.5	4.7	5.8	8.7					1750	
	25	5m / M8	3.0	4.4	6.1	7.5	11.1					1750	

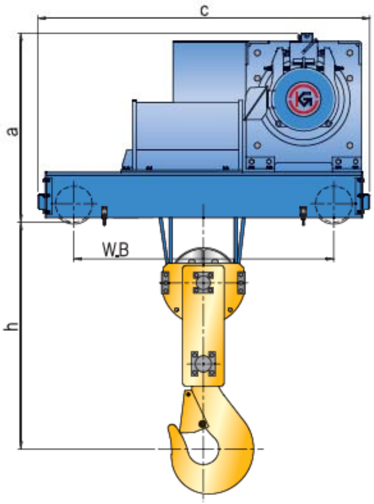
DB Crab S Series

S 1600 (8~80ton)





(R) Type



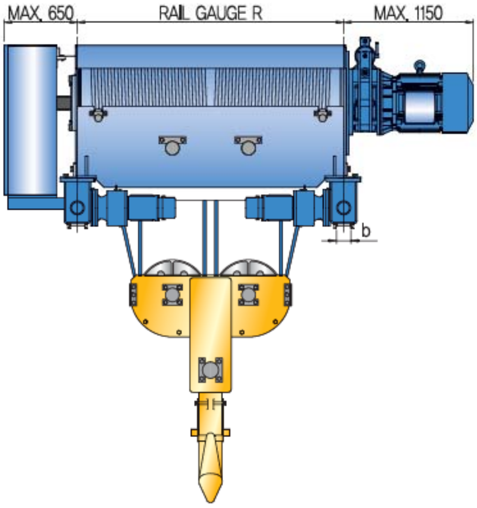
(S) Type

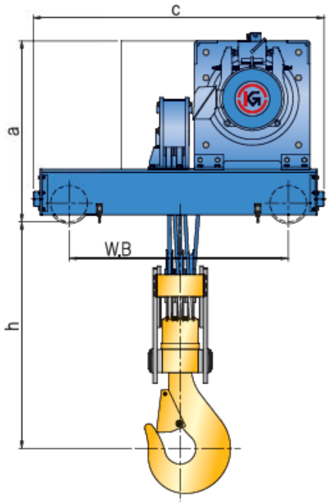
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
S1604	43	52	61	70	79	90	18×4	P07	P07	P07	P10	P15
S1608	21.7	26.1	30.5	35.0	39.4	45.0	18×8	P07	P10	P15	P22	P37
S1612	14.4	17.4	20.4	23.3	26.3	30.0	18×12	P10	P15	P22	P37	P37
S1616	10.8	13.0	15.3	17.5	19.7	22.5	18×16	P15	P22	P37	P37	T55

<table>
<tr><th rowspan="3">MODEL</th><th rowspan="3">Capacity</th><th rowspan="3">FEM / ISO</th><th colspan="5">Hoisting Speed m/min</th><th colspan="6">Dimensions</th></tr>
<tr><th rowspan="2">H22</th><th rowspan="2">H30</th><th rowspan="2">H37</th><th rowspan="2">H55</th><th rowspan="2">H75</th><th rowspan="2">a</th><th rowspan="2">b</th><th colspan="2">c</th><th rowspan="2">h</th><th rowspan="2">WB</th></tr>
<tr><th>(R)</th><th>(S)</th></tr>
<tr><td rowspan="5">S1604</td><td>20</td><td>1Am / M4</td><td>5.6</td><td>7.6</td><td>9.3</td><td>13.9</td><td>18.6</td><td rowspan="20">max 1400</td><td rowspan="5">min 34</td><td rowspan="5">1350</td><td rowspan="5">1750</td><td>1350</td><td rowspan="5">1200</td></tr>
<tr><td>16</td><td>2m / M5</td><td>6.9</td><td>9.5</td><td>11.7</td><td>17.4</td><td>23.7</td><td>1300</td></tr>
<tr><td>12</td><td>3m / M6</td><td>9.3</td><td>12.6</td><td>15.6</td><td>23.1</td><td>31.6</td><td>1350</td></tr>
<tr><td>10</td><td>4m / M7</td><td>11.1</td><td>15.2</td><td>18.7</td><td>27.8</td><td>37.9</td><td>1400</td></tr>
<tr><td>8</td><td>5m / M8</td><td>13.9</td><td>18.9</td><td>23.4</td><td>34.7</td><td>47.3</td><td>1450</td></tr>
<tr><td rowspan="5">S1608</td><td>40</td><td>1Am / M4</td><td>2.8</td><td>3.8</td><td>4.7</td><td>6.9</td><td>9.5</td><td rowspan="5">min 44</td><td rowspan="5">1450</td><td rowspan="5">1750</td><td>1550</td><td rowspan="5">1250</td></tr>
<tr><td>32</td><td>2m / M5</td><td>3.5</td><td>4.7</td><td>5.8</td><td>8.7</td><td>11.8</td><td>1500</td></tr>
<tr><td>25</td><td>3m / M6</td><td>4.4</td><td>6.1</td><td>7.5</td><td>11.1</td><td>15.1</td><td>1550</td></tr>
<tr><td>20</td><td>4m / M7</td><td>5.6</td><td>7.6</td><td>9.3</td><td>13.9</td><td>18.9</td><td>1600</td></tr>
<tr><td>16</td><td>5m / M8</td><td>6.9</td><td>9.5</td><td>11.7</td><td>17.4</td><td>23.7</td><td>1650</td></tr>
<tr><td rowspan="5">S1612</td><td>63</td><td>1Am / M4</td><td>1.8</td><td>2.4</td><td>3.0</td><td>4.4</td><td>6.0</td><td rowspan="5">min 46</td><td rowspan="5">1550</td><td rowspan="5">1750</td><td>1800</td><td rowspan="5">1250</td></tr>
<tr><td>50</td><td>2m / M5</td><td>2.2</td><td>3.0</td><td>3.7</td><td>5.6</td><td>7.6</td><td>1750</td></tr>
<tr><td>40</td><td>3m / M6</td><td>2.8</td><td>3.8</td><td>4.7</td><td>6.9</td><td>9.5</td><td>1800</td></tr>
<tr><td>32</td><td>4m / M7</td><td>3.5</td><td>4.7</td><td>5.8</td><td>8.7</td><td>11.8</td><td>1850</td></tr>
<tr><td>25</td><td>5m / M8</td><td>4.4</td><td>6.1</td><td>7.5</td><td>11.1</td><td>15.2</td><td>1900</td></tr>
<tr><td rowspan="5">S1616</td><td>80</td><td>1Am / M4</td><td>1.4</td><td>1.9</td><td>2.3</td><td>3.5</td><td>4.7</td><td rowspan="5">min 46</td><td rowspan="5">1650</td><td rowspan="5">1750</td><td>1850</td><td rowspan="5">1350</td></tr>
<tr><td>63</td><td>2m / M5</td><td>1.8</td><td>2.4</td><td>3.0</td><td>4.4</td><td>6.0</td><td>1800</td></tr>
<tr><td>50</td><td>3m / M6</td><td>2.2</td><td>3.0</td><td>3.7</td><td>5.6</td><td>7.6</td><td>1850</td></tr>
<tr><td>40</td><td>4m / M7</td><td>2.8</td><td>3.8</td><td>4.7</td><td>6.9</td><td>9.5</td><td>1900</td></tr>
<tr><td>32</td><td>5m / M8</td><td>3.5</td><td>4.7</td><td>5.8</td><td>8.7</td><td>11.8</td><td>1950</td></tr>
</table>

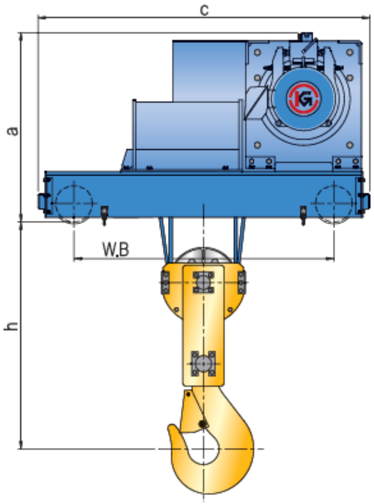
DB Crab S Series

S 2000 (10~100ton)





(R) Type



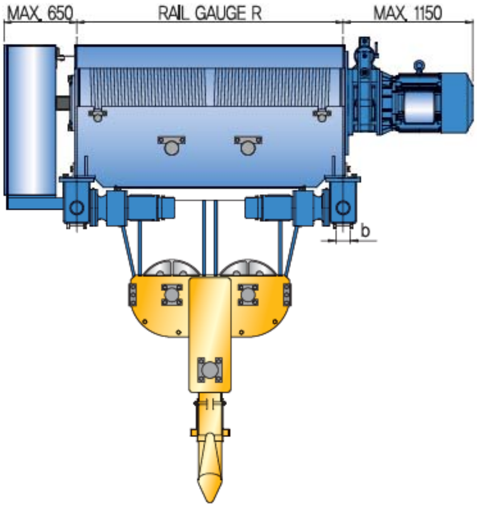
(S) Type

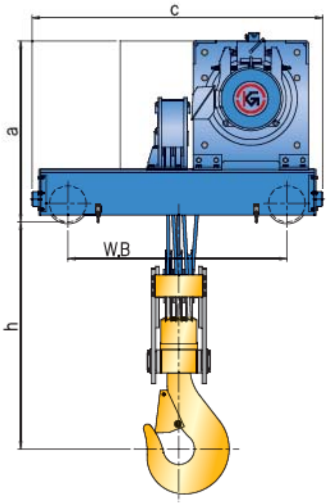
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
S2004	44	53	62	71	80	91	20×4	P07	P07	P07	P15	P15
S2008	21.8	26.3	30.8	35.3	39.8	45.4	20×8	P07	P15	P15	P22	P37
S2012	14.5	17.5	20.5	23.5	26.5	30.3	20×12	P15	P22	P37	P37	T55
S2016	10.9	13.2	15.4	17.6	19.9	22.7	20×16	P15	P22	P37	T55	T75

MODEL	Capacity	FEM /ISO	Hoisting Speed m/min					Dimensions					
			H22	H30	H37	H55	H75	a	b	c (R)	c (S)	h	WB
S2004	25	1Am / M4	4.4	6.1	7.5	11.1	15.2	max 1500	min 34	1400	1800	1650	1000
	20	2m / M5	5.6	7.6	9.3	13.9	18.9					1600	
	16	3m / M6	6.9	9.5	11.7	17.4	23.7					1650	
	12	4m / M7	9.3	12.6	15.6	15.6	31.6					1700	
	10	5m / M8	11.1	15.2	18.7	18.7	37.9					1750	
S2008	50	1Am / M4	2.2	3.0	3.7	3.7	7.9		min 46	1500	1800	1850	1100
	40	2m / M5	2.8	3.8	4.7	4.7	9.5					1800	
	32	3m / M6	3.5	4.7	5.8	5.8	11.8					1850	
	25	4m / M7	4.4	6.1	7.5	7.5	15.2					1900	
	20	5m / M8	5.6	7.6	9.3	9.3	18.9					1950	
S2012	80	1Am / M4	1.4	1.9	2.3	2.3	4.7		min 46	1600	1800	1900	1200
	63	2m / M5	1.8	2.4	3.0	3.0	6.0					1850	
	50	3m / M6	2.2	3.0	3.7	3.7	7.6					1900	
	40	4m / M7	2.8	3.8	4.7	4.7	9.5					1950	
	32	5m / M8	3.5	4.7	5.8	5.8	11.8					2000	
S2016	100	1Am / M4	1.1	1.5	1.9	1.9	3.8		min 84	1700	1800	1950	1300
	80	2m / M5	1.4	1.9	2.3	2.3	4.7					1900	
	63	3m / M6	1.8	2.4	3.0	3.0	6.0					1950	
	50	4m / M7	2.2	3.0	3.7	3.7	7.6					2000	
	40	5m / M8	2.8	3.8	4.7	4.7	9.5					2050	

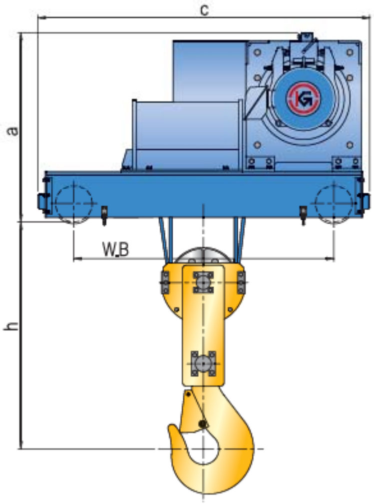
DB Crab S Series

S 2500 (12.5~125ton)





(R) Type



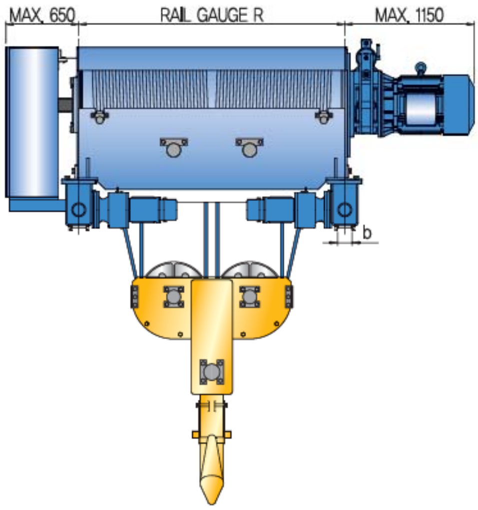
(S) Type

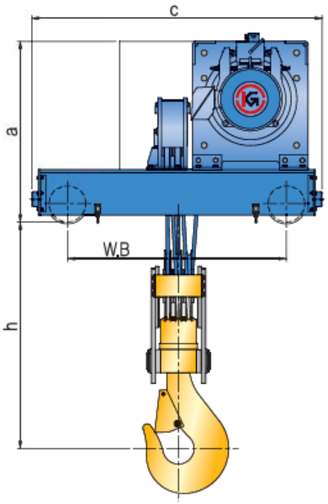
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
S2504	43	52	61	70	79	90	22.4×4	P07	P07	P10	P15	P22
S2508	21.5	25.9	30.4	34.9	39.3	44.9	22.4×8	P10	P15	P22	P37	P37
S2512	14.3	17.3	20.3	23.2	26.2	29.9	22.4×12	P15	P22	P37	T55	T75
S2516	10.7	13.0	15.2	17.4	19.7	22.5	22.4×16	P22	P37	P37	T55	T75

MODEL	Capacity	FEM / ISO	Hoisting Speed m/min					Dimensions					
			H22	H30	H37	H55	H75	a	b	c (R)	c (S)	h	WB
S2504	32	1Am / M4	3.5	4.7	5.8	8.7	11.8	max 1600	min 34	1550	2000	1550	1100
	25	2m / M5	4.4	6.1	7.5	11.1	15.2					1500	
	20	3m / M6	5.6	7.6	9.3	13.9	18.9					1550	
	16	4m / M7	6.9	9.5	11.7	17.4	23.7					1600	
	12	5m / M8	9.3	12.6	15.6	23.1	31.6					1650	
S2508	63	1Am / M4	1.8	2.4	3.0	4.4	6.0		min 46	1650	2000	1850	1200
	50	2m / M5	2.2	3.0	3.7	5.6	7.6					1800	
	40	3m / M6	2.8	3.8	4.7	6.9	9.5					1850	
	32	4m / M7	3.5	4.7	5.8	8.7	11.8					1900	
	25	5m / M8	4.4	6.1	7.5	11.1	15.2					1950	
S2512	100	1Am / M4	1.1	1.5	1.9	2.8	3.8		min 84	1750	2000	1950	1300
	80	2m / M5	1.4	1.9	2.3	3.5	4.7					1900	
	63	3m / M6	1.8	2.4	3.0	4.4	6.0					1950	
	50	4m / M7	2.2	3.0	3.7	5.6	7.6					2000	
	40	5m / M8	2.8	3.8	4.7	6.9	9.5					2050	
S2516	125	1Am / M4	0.9	1.2	1.5	2.2	3.0		min 84	1850	2000	2050	1400
	100	2m / M5	1.1	1.5	1.9	2.8	3.8					2000	
	80	3m / M6	1.4	1.9	2.3	3.5	4.7					2050	
	63	4m / M7	1.8	2.4	3.0	4.4	6.0					2100	
	50	5m / M8	2.2	3.0	3.7	5.6	7.6					2150	

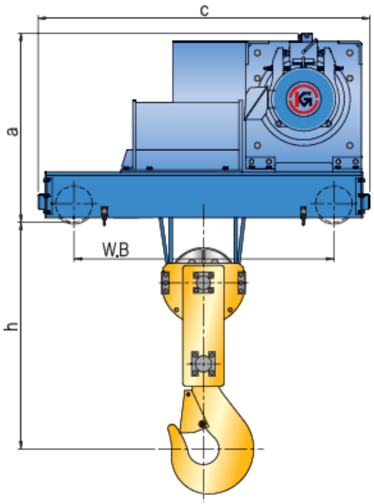
DB Crab S Series

S 3200 (20~200ton)





(R) Type



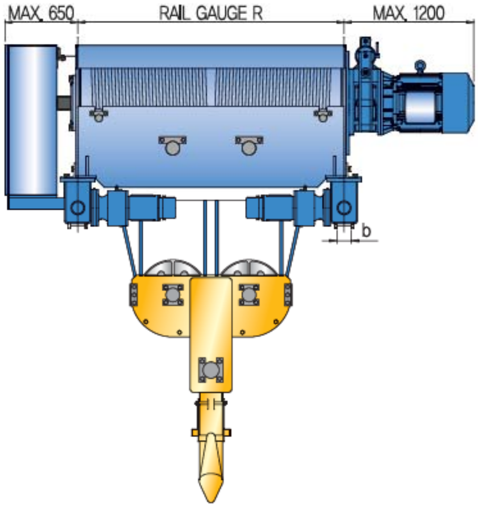
(S) Type

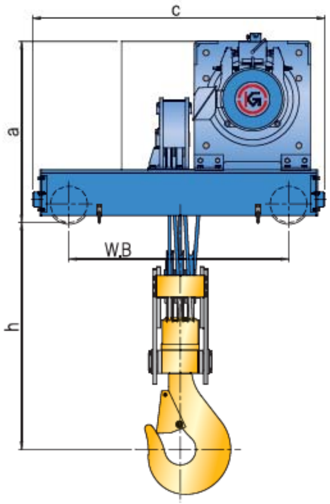
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
S3204	42	51	59	68	77	88	26×4	P07	P10	P15	P22	P37
S3208	20.9	25.3	29.7	34.1	38.5	44.0	26×8	P15	P22	P37	P37	T55
S3212	14.0	16.9	19.8	22.7	25.7	29.3	26×12	P22	P37	P37	T55	T75
S3216	10.5	12.7	14.9	17.1	19.3	22.0	26×16	P37	P37	T55	T75	T11

MODEL	Capacity	FEM / ISO	Hoisting Speed m/min					Dimensions					
			H30	H37	H55	H75	H90	a	b	c (R)	c (S)	h	WB
S3204	50	1Bm / M3	3.0	3.7	5.6	7.6	9.1	max 1700	min 44	1650	2200	1800	1200
	40	1Am / M4	3.8	4.7	6.9	9.5	11.4					1750	
	32	2m / M5	4.7	5.8	8.7	11.8	14.2					1700	
	25	3m / M6	6.1	7.5	11.1	15.2	18.2					1280	
	20	4m / M7	7.6	9.3	13.9	18.9	22.7					1280	
S3208	100	1Bm / M3	1.5	1.9	2.8	3.8	4.5		min 46	1750	2200	2000	1300
	80	1Am / M4	1.9	2.3	3.5	4.7	5.7					1950	
	63	2m / M5	2.4	3.0	4.4	6.0	7.2					1900	
	50	3m / M6	3.0	3.7	5.6	7.6	9.1					1950	
	40	4m / M7	3.8	4.7	6.9	9.5	11.4					2000	
S3212	160	1Bm / M3	0.9	1.2	1.7	2.4	2.8		min 84	1850	2200	2200	1400
	125	1Am / M4	1.2	1.5	2.2	3.0	3.6					2150	
	100	2m / M5	1.5	1.9	2.8	3.8	4.5					2100	
	80	3m / M6	1.9	2.3	3.5	4.7	5.7					2150	
	63	4m / M7	2.4	3.0	4.4	6.0	7.2					2200	
S3216	200	1Bm / M3	0.8	0.9	1.4	1.9	2.3		min 84	1950	2200	2350	1500
	160	1Am / M4	0.9	1.2	1.7	2.4	2.8					2300	
	125	2m / M5	1.2	1.5	2.2	3.0	3.6					2250	
	100	3m / M6	1.5	1.9	2.8	3.8	4.5					2300	
	80	4m / M7	1.9	2.3	3.5	4.7	5.7					2350	

DB Crab S Series

S 5000 (32~320ton)





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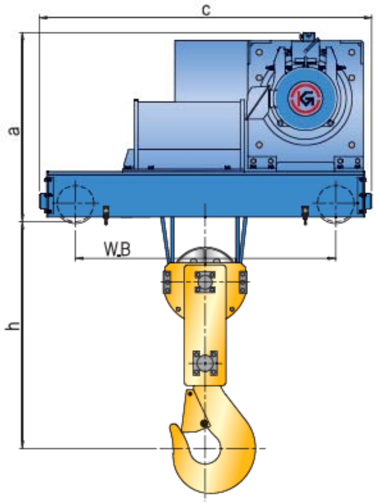


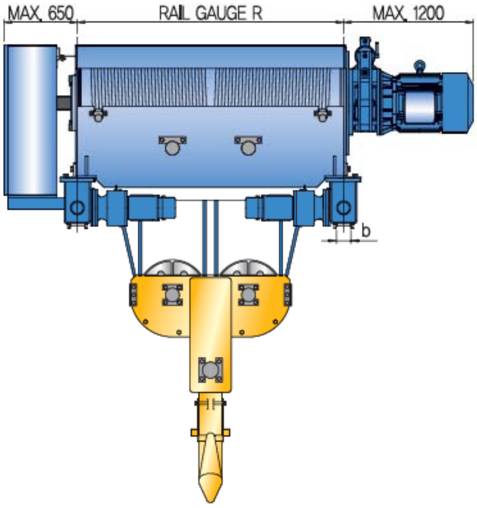
(S) Type

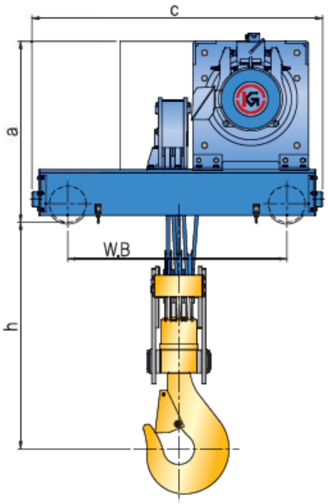
MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2400	R2800	R3200	R3600	R4000	R4500		10	15	20	30	40
S5004	51	60	69	77	89	100	32×4	P10	P15	P22	P37	P37
S5008	25.4	29.8	34.3	38.7	44.3	49.9	32×8	P22	P37	P37	T55	T75
S5012	16.9	19.9	22.9	25.8	29.5	33.3	32×12	P37	T55	T75	T11	T15
S5016	12.7	14.9	17.1	19.4	22.2	24.9	32×16	P37	T55	T75	T11	T15

MODEL	Capacity	FEM / ISO	Hoisting Speed m/min					Dimensions					
			H22	H30	H37	H55	H75	a	b	c (R)	c (S)	h	WB
S5004	80	1Bm / M3	2.3	3.5	4.7	5.7	6.9	max 1800	min 46	2000	2550	1750	1500
	63	1Am / M4	3.0	4.4	6.0	7.2	8.8					1700	
	50	2m / M5	3.7	5.6	7.6	9.1	11.1					1650	
	40	3m / M6	4.7	6.9	9.5	11.4	13.9					1700	
	32	4m / M7	5.8	8.7	11.8	14.2	17.4					1750	
S5008	160	1Bm / M3	1.2	1.7	2.4	2.8	3.5		min 84	2050	2550	2300	1600
	125	1Am / M4	1.5	2.2	3.0	3.6	4.4					2250	
	100	2m / M5	1.9	2.8	3.8	4.5	5.6					2200	
	80	3m / M6	2.3	3.5	4.7	5.7	6.9					2250	
	63	4m / M7	3.0	4.4	6.0	7.2	8.8					2300	
S5012	250	1Bm / M3	0.7	1.1	1.5	1.8	2.2		min 84	2150	2550	2500	1700
	200	1Am / M4	0.9	1.4	1.9	2.3	2.8					2450	
	160	2m / M5	1.2	1.7	2.4	2.8	3.5					2400	
	125	3m / M6	1.5	2.2	3.0	3.6	4.4					2450	
	100	4m / M7	1.9	2.8	3.8	4.5	5.6					2500	
S5016	320	1Bm / M3	0.6	1.9	1.2	1.4	1.7		min 84	2250	2550	2700	1800
	250	1Am / M4	1.7	1.1	1.5	1.8	2.2					2650	
	200	2m / M5	0.9	1.4	1.9	2.3	2.8					2600	
	160	3m / M6	1.2	1.7	2.4	2.9	3.5					2650	
	125	4m / M7	1.5	2.2	3.0	3.6	4.4					2700	

DB Crab S Series

S 6300 (40~400ton)





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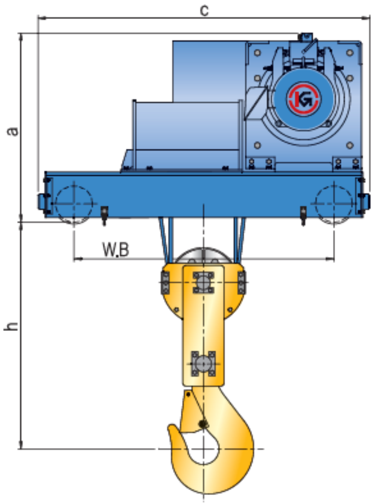


(S) Type

MODEL	Lifting Height m						Rope Reeving	Traversing Speed m/min				
	R2800	R3200	R3600	R4000	R4500	R5000		10	15	20	30	40
S6304	50	59	68	76	87	99	36×4	P15	P22	P37	P37	T55
S6308	24.9	29.4	33.8	38.2	43.7	49.3	36×8	P37	P37	T55	T75	T11
S6312	16.6	19.6	22.5	25.5	29.2	32.8	36×12	P37	T55	T75	T11	T15
S6316	12.5	14.7	16.9	19.1	21.9	24.6	36×16	T55	T75	T11	T15	T22

MODEL	Capacity	FEM / ISO	Hoisting Speed m/min					Dimensions					
			H37	H55	H75	H90	H110	a	b	c (R)	c (S)	h	WB
S6304	100	1Bm / M3	1.9	2.8	3.8	4.5	5.6	max 1900	min 46	2100	2800	1950	1700
	80	1Am / M4	2.3	3.5	4.7	5.7	6.9					1900	
	63	2m / M5	3.0	4.4	6.0	7.2	8.8					1850	
	50	3m / M6	3.7	5.6	7.6	9.1	11.1					1900	
	40	4m / M7	4.7	6.9	9.5	11.4	13.9					1950	
S6308	200	1Bm / M3	0.9	1.4	1.9	2.3	2.8		min 84	2200	2800	2600	1800
	160	1Am / M4	1.2	1.7	2.4	2.8	3.5					2550	
	125	2m / M5	1.5	2.2	3.0	3.6	4.4					2500	
	100	3m / M6	1.9	2.8	3.8	4.5	5.6					2550	
	80	4m / M7	2.3	3.5	4.7	5.7	6.9					2600	
S6312	300	1Bm / M3	0.6	0.9	1.3	1.5	1.9		min 84	2300	2800	2800	1900
	250	1Am / M4	0.7	1.1	1.5	1.8	2.2					2750	
	200	2m / M5	0.9	1.4	1.9	2.3	2.8					2700	
	150	3m / M6	1.2	1.9	2.5	3.0	3.7					2750	
	125	4m / M7	1.5	2.2	3.0	3.6	4.4					2800	
S6316	400	1Bm / M3	0.5	0.7	0.9	1.1	1.4		min 84	2400	2800	3000	2000
	320	1Am / M4	0.6	0.9	1.2	1.4	1.7					2950	
	250	2m / M5	0.7	1.1	1.5	1.8	2.2					2900	
	200	3m / M6	0.9	1.4	1.9	2.3	2.8					2950	
	160	4m / M7	1.2	1.7	2.4	2.8	3.5					3000	

WIRE HOIST

Specification

Specifications \ Hoist		Regular type				Low-head type	Double-rail type
		Suspension Hoist	Hoist with hand-push trolley	Hoist with geared trolley	Hoist with motor-driven trolley	Hoist with motor-driven trolley	Hoist with motor-driven trolley
Accessories and indication	Push-button, switch and button indication	4-point(emergency-lamp-up-down)			6-point(emergency-lamp -up-down-east-west)		8-point(emergency-lamp-up-down-east-west-south-north)
	Hoist body traverser	in case hoist body and traverser are separaterly furnished spacers and suspension bolts belongs to the traverser					Hoist body and traverser are integrated
Specifications	Power supply	1/2 ~ 70t : AC Three phases power source 220/380/440/480/ ~ 50/60HZ × 3ph					
	Ambient temperature	-10℃ ~ 40℃					
	Construction	Weather and dust proof					
	Utilization factor	$\%ED = \frac{\text{Motor - Powered time(min) in one hour with maximum work rate}}{\text{60(min)}} \times 100$					
	Coating color	Munsell No. for the hoist body : 10B3/5, for the hook : 8.1YR7. 6/15.2					

Specification

□□□□□ ⬚⬚

Type

		A	(Explosion Proof)	Special	(Explosion Proof)
	Mono-Rail Type	KN	(Ex-KN)	KSN	(Ex-KSN)
	Mono-Rail Low-Head Type	KL	(Ex-KL)	KSL	(Ex-KSL)
	Double-Rail Type	KD	(Ex-KD)	KSD	(Ex-KSD)
	Double-Rail Low-Head Type	KP		KSP	
	Main&Aux Type	KA			

Rated Load

Regular Type	0.5, 1, 2, 2.8, 3, 5, 7.5, 10, 15, 20
Low-Head Type	0.5, 1, 2, 2.8, 3, 5
Double Type	2, 3, 5, 7.5, 10, 15, 20, 30, 35, 40, 50, 60, 70

• 4 sequence ex) 2 ton : 0020 / 70 ton : 0700

Hoisting Speed

Normal Speed (Single Speed)	N (classify MH, ML)
Creep Speed (Dual Speed)	C (classify MH, ML)

Lift

Regular Type	6, 12, 18, 24, 30
Low-Head Type	6
Double Type	12, 18, 24, 30

• 3 sequence ex) 6m : H06 / 12m : H12

Trolley

Fixed Type (No Trolley)	F
Hand-push Type	P
Geared Type	G
Wide-Flange Type	W
Hinge Type	H

Inverter

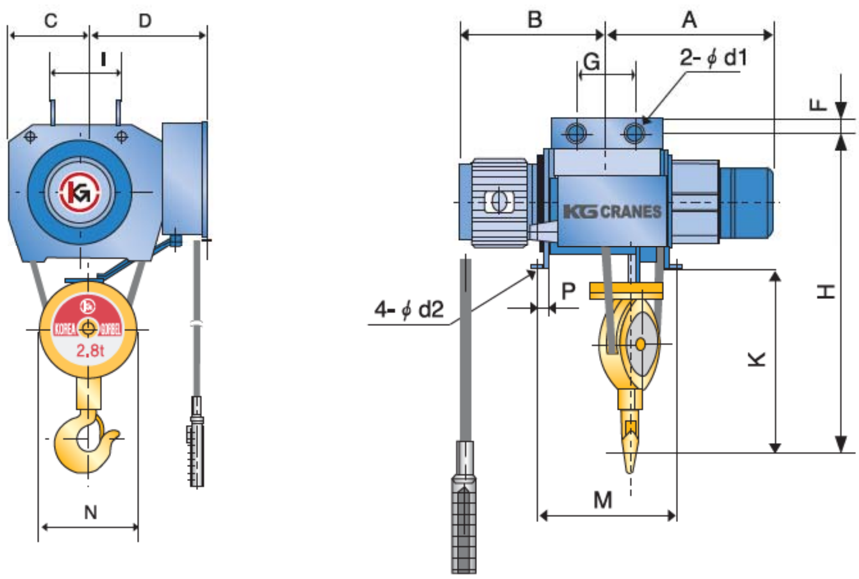
H/T Inverter	IC-H
T/S Inverter	IC-T
H/T, T/S Inverter	IC

Pole Change

T/S	TS-PC

WIRE HOIST A Type

Regular Type Suspension Hoist

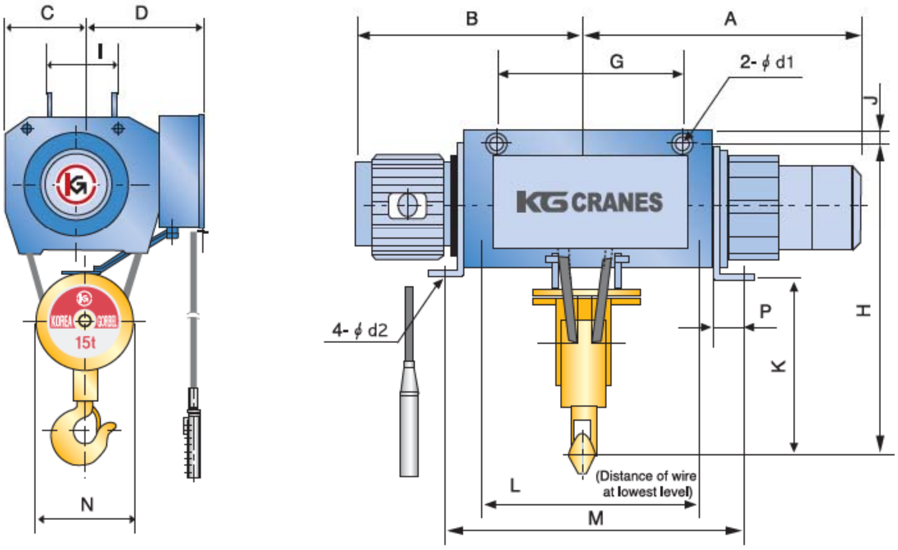


Model			KN 0.5–F	KN 1–F	KN 2–F	KN 2.8–F	KN 3–F	KN 5–F
Capacity(ton)			1/2	1	2	2.8	3	5
Type	Hoisting Speed	High Speed	KN1/2–H6(12)	KN1–H6(12)	KN2–H6(12)	KN2.8–H6(12)	KN3–H6(12)	KN5–H6(12)
		Low Speed	KN1/2–L6(12)	KN1–L6(12)	KN2–L6(12)	KN2.8–L6(12)	KN3–L6(12)	KN5–L6(12)
Hoist	Max. lift(m)		6(12)	6(12)	6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	High Speed 50/60(HZ)	10/12	10/12	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low Speed 50/60(HZ)	5/6	5/6	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting Motor (kwxP)	High Speed	1.2×4	2.4×4	3.7×4	4.8×4	5.5×4	5.5×6
		Low Speed	0.6×8	1.2×8	1.8×8	2.4×8	2.8×8	4.2×8
	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37	6×37
		Dial(mm)x No. of Ropes	6×2	8×2	10×2	12.5×2	12.5×2	16×2
	Brake		DC Magnet Disc Brake					
Dimensions (approx.) (mm)		H	640	750	920	1060	1060	1245
		A	370(465)	405(505)	465(565)	520(620)	520(620)	605(705)
		B	355(455)	380(480)	410(510)	440(540)	440(540)	500(585)
		C	150	170	205	210	210	250
		D	230	255	290	350	380	415
		G	160	160	200	200	200	280
		F	28	28	3	34.5	34.5	44.5
		I	112	112	150	150	150	180
		K	385	360	470	560	560	690
		M	340(530)	350(550)	350(550)	364(564)	364(564)	450(650)
		N	160	150	200	200	200	250
		P	48	45	47	44	44	55
		d^1	26	26	33	33	33	47
		d^2	17	17	17	17	17	17
Weight(approx.) (kg)			100(120)	142(170)	240(240)	300(345)	300(345)	460(525)

Note : Figures in parentheses are for hoists of 12–meter lift.
※ KN □□□□-N-H□□-F Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Regular Type Suspension Hoist

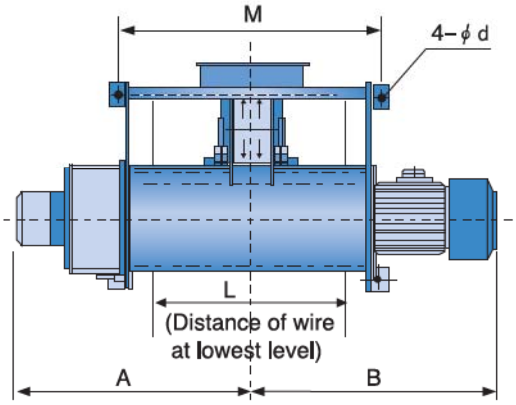


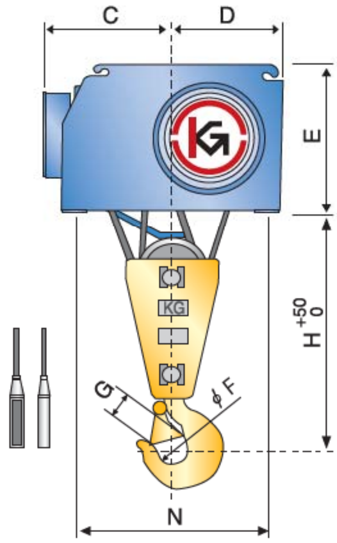
Model			KN 7.5-F	KN 10-F	KN 15-F	KN 20-F
Capacity(ton)			7.5	10	15	20
Type	Hoisting Speed	High Speed	KN 7.5-H12	KN 10-H12	KN 15-H12	KN 20-H12
		Low Speed	KN 7.5-L12	KN 10-L12	KN 15-L12	KN 20-L12
Hoist	Max. lift(m)		12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(HZ)	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2
		Low Speed 50/60(HZ)	2.3/2.8	2.5/3	2.5/3	2.3/2.8
	Hoisting Motor (kwxP)	High Speed	5.5×6	9×8	13×8	17×8
		Low Speed	4.2×8	6×12	8.5×12	11.5×12
	Wire Rope	Construction	6×37	6×37	6×37	6×37
		Dial(mm)x No. of Ropes	14×4	16×4	20×4	22.4×4
	Brake		DC Magnet Disc Brake			
Dimensions (approx.) (mm)		H	1270	1330	1660	1900
		A	925	975	1075	1165
		B	835	955	1005	1220
		C	300	330	370	400
		D	480	510	620	640
		G	800	800	800	850
		F	232	232	272	272
		I	50	50	65	65
		K	720	740	965	1150
		M	1100	1100	1150	1250
		N	400	400	500	500
		P	62	62	70	70
		d^1	47	47	63	63
		d^2	25	25	25	25
Weight(approx.) (kg)			700	1000	1500	1900

※ KN □□□□-N-H□□-F Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Regular Type Suspension Hoist



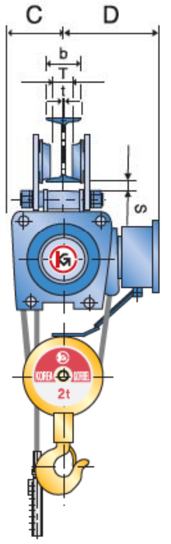


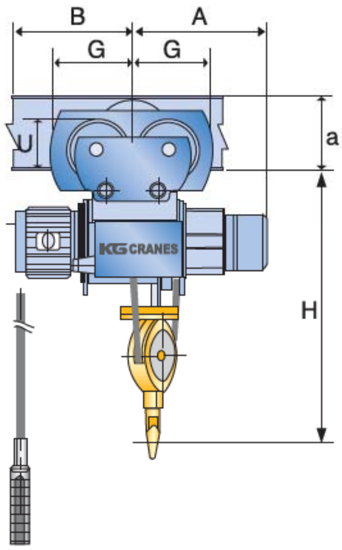
Model			KD 35-F	KD 50-F	KD 60-F	KD 70-F
Capacity(ton)			35	50	60	70
Type			KD 35-H12	KD 50-H12	KD 60-H12	KD 70-H12
Hoist	Max. lift(m)		12	12	12	12
	Hoisting Speed(m/min) 50/60(HZ)		4/4.5	2.7/3.2	2/2.4	2/2.4
	Hoisting Motor(kwxP)		33×6	33×6	33×6	33×6
	Wire Rope	Construction	6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)
		Dia.(mm)x No. of Ropes	28×4	28×6	28×8	28×8
	Brake		DC Magnet Disc Brake			
Dimensions (approx.) (mm)		H	1500	1900	2000	2000
		A	1455	1780	2030	2030
		B	1360	1685	1935	1935
		C	560	905	1000	1000
		D	855	1100	1005	1005
		G	1000	1000	1000	1000
		F	1075	1430	1930	1930
		I	1500	2250	2750	2750
		K	1000	1600	1600	1600
		M	47	63	63	63
Weight(approx.) (kg)			4200	6000	8200	8200

※ KD □□□□-N-H□□-F Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Regular Type Hoist with Hand-push Trolley





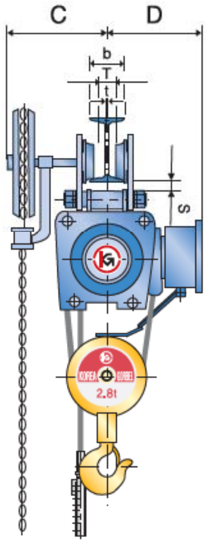
<table>
<tr><th colspan="3">Model</th><th colspan="3">KN 0.5-P</th><th colspan="3">KN 1-P</th><th colspan="3">KN 2-P</th></tr>
<tr><th colspan="3">Capacity(ton)</th><th colspan="3">1/2</th><th colspan="3">1</th><th colspan="3">2</th></tr>
<tr><td rowspan="2">Type</td><td rowspan="2">Hoisting Speed</td><td>High Speed</td><td colspan="3">KN 1/2-H6(12)-P</td><td colspan="3">KN 1 H6(12)-P</td><td colspan="3">KN 2-H6(12)-P</td></tr>
<tr><td>Low Speed</td><td colspan="3">KN 1/2-L6(12)-P</td><td colspan="3">KN 1 L6(12)-P</td><td colspan="3">KN 2-L6(12)-P</td></tr>
<tr><td rowspan="9">Hoist</td><td colspan="2">Max. lift(m)</td><td colspan="3">6(12)</td><td colspan="3">6(12)</td><td colspan="3">6(12)</td></tr>
<tr><td rowspan="2">Hoisting Speed (m/min)</td><td>High Speed 50/60(HZ)</td><td colspan="3">10/12</td><td colspan="3">10/12</td><td colspan="3">8.4/10</td></tr>
<tr><td>Low Speed 50/60(HZ)</td><td colspan="3">5/6</td><td colspan="3">5/6</td><td colspan="3">4.2/5</td></tr>
<tr><td rowspan="2">Hoisting Motor (kwxP)</td><td>High Speed</td><td colspan="3">1.2×4</td><td colspan="3">2.4×4</td><td colspan="3">3.7×4</td></tr>
<tr><td>Low Speed</td><td colspan="3">0.6×8</td><td colspan="3">1.2×8</td><td colspan="3">1.8×8</td></tr>
<tr><td rowspan="2">Wire Rope</td><td>Construction</td><td colspan="3">6×37</td><td colspan="3">6×37</td><td colspan="3">6×37</td></tr>
<tr><td>Dial(mm)x No. of Ropes</td><td colspan="3">6×2</td><td colspan="3">8×2</td><td colspan="3">10×2</td></tr>
<tr><td colspan="2">Brake</td><td colspan="9">DC Magnet Disc Brake</td></tr>
<tr><td colspan="11"></td></tr>
<tr><td colspan="2" rowspan="6">Dimensions (approx.) (mm)</td><td>H</td><td colspan="3">705</td><td colspan="3">815</td><td colspan="3">980</td></tr>
<tr><td>A</td><td colspan="3">370(465)</td><td colspan="3">405(505)</td><td colspan="3">465(565)</td></tr>
<tr><td>B</td><td colspan="3">355(450)</td><td colspan="3">380(480)</td><td colspan="3">410(510)</td></tr>
<tr><td>C</td><td colspan="3">150</td><td colspan="3">170</td><td colspan="3">205</td></tr>
<tr><td>D</td><td colspan="3">265</td><td colspan="3">275</td><td colspan="3">310</td></tr>
<tr><td>G</td><td colspan="3">185</td><td colspan="3">185</td><td colspan="3">205</td></tr>
<tr><td colspan="2" rowspan="4">I-Beam and Spacing (mm)</td><td>a×b×c</td><td>S</td><td>T</td><td>U</td><td>S</td><td>T</td><td>U</td><td>S</td><td>T</td><td>U</td></tr>
<tr><td>200×100×7</td><td>38</td><td>46</td><td>126</td><td>38</td><td>46</td><td>126</td><td>38</td><td>46</td><td>126</td></tr>
<tr><td>250×125×7.5</td><td>30</td><td>71</td><td>134</td><td>30</td><td>71</td><td>134</td><td>24</td><td>71</td><td>162</td></tr>
<tr><td>300×150×10</td><td>28</td><td>96</td><td>136</td><td>28</td><td>96</td><td>136</td><td>24</td><td>96</td><td>162</td></tr>
<tr><td colspan="3">Min. Radius of Curvature(m)</td><td colspan="3">1.5</td><td colspan="3">1.5</td><td colspan="3">1.8</td></tr>
<tr><td colspan="3">Weight(approx.) (kg)</td><td colspan="3">123(143)</td><td colspan="3">166(194)</td><td colspan="3">244(280)</td></tr>
</table>

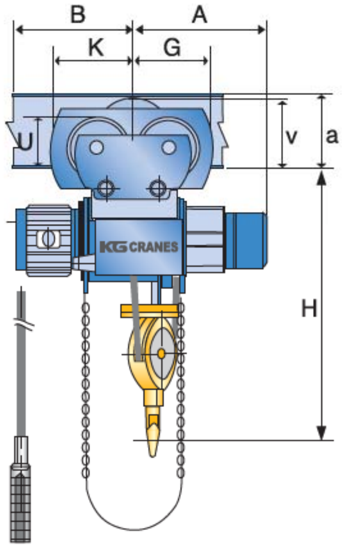
Note : 1. Dimension of I-beam in ▭ Sections are standard ones. Other I-beam also can be changing spacers.
2. If Curved rail requires, this must be indicated in advance.

※ KN □□□□-N-H□□-P Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Regular Type Hoist with Geared Trolley





Model			KN 0.5–G	KN 1–G	KN 2–G	KN 2.8–G	KN 3–G	KN 5–G
Capacity(ton)			1/2	1	2	2.8	3	5
Type	Hoisting Speed	High Speed	KN1/2–H6(12)–G	KN1–H6(12)–G	KN2–H6(12)–G	KN2.8–H6(12)–G	KN3–H6(12)–G	KN5–H6(12)–G
		Low Speed	KN1/2–L6(12)–G	KN1–L6(12)–G	KN2–L6(12)–G	KN2.8–L6(12)–G	KN3–L6(12)–G	KN5–L6(12)–G
Hoist	Max. lift(m)		6(12)	6(12)	6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	High Speed 50/60(HZ)	10/12	10/12	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low Speed 50/60(HZ)	5/6	5/6	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting Motor (kwxP)	High Speed	1.2×4	2.4×4	3.7×4	4.8×4	5.5×4	5.5×6
		Low Speed	0.6×8	1.2×8	1.8×8	2.4×8	2.8×8	4.2×8
	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37	6×37
		Dial(mm)x No. of Ropes	6×2	8×2	10×2	12.5×2	12.5×2	16×2
	Brake		DC Magnet Disc Brake					
Dimensions (approx.) (mm)		H	705	705	705	705	705	705
		A	370(465)	370(465)	370(465)	370(465)	370(465)	370(465)
		B	355(450)	355(450)	355(450)	355(450)	355(450)	355(450)
		C	255	255	255	255	255	255
		265	275	275	275	275	275	275
		K	200	200	200	200	200	200

I-Beam and Spacing (mm)	KN 0.5–G					KN 1–G					KN 2–G					KN 2.8–G					KN 3–G					KN 5–G				
aXbXc	C	S	R	U	V	C	S	R	U	V	C	S	R	U	V	C	S	R	U	V	C	S	R	U	V	C	S	R	U	V
200×100×7	329	38	46	144	172	329	38	46	144	172	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
250×125×7.5	342	30	71	153	181	342	30	71	153	181	356	24	71	182	240	356	24	71	182	240	356	24	71	182	240	359	39	61	222	256
300×150×10	354	28	96	156	183	354	28	96	156	183	369	24	96	182	245	369	24	96	182	245	369	24	96	182	245	371	37	86	274	260
450×175×13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	384	34	111	228	265

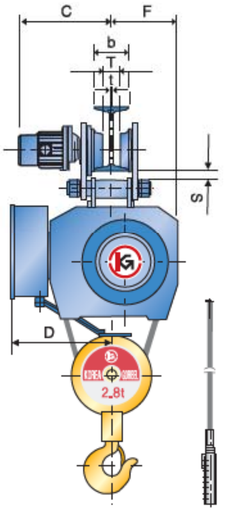
	KN 0.5–G	KN 1–G	KN 2–G	KN 2.8–G	KN 3–G	KN 5–G
Min. Radius of Curvature(m)	1.5	1.5	1.8	1.8	1.8	2.3
Weight(approx.) (kg)	147(179)	190(230)	273(321)	369(417)	369(417)	562(639)

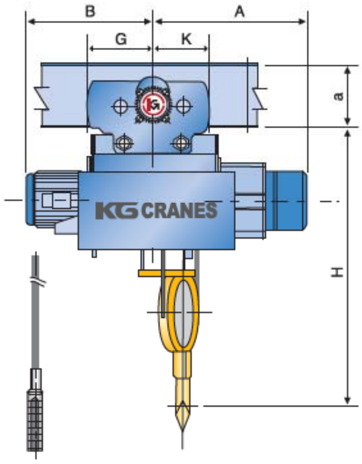
Note : 1. Figures in parentheses ars for Hoists of 12–meter lift.
2. Dimensions of I–beam in ▭ Sections are standard ones. Other I–beam also can used by changing spacers.

※ KN □□□□-N-H□□-G Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Regular Type Hoist with Motor-Driven Trolley





Model			KN 0.5-M	KN 1-M	KN 2-M	KN 2.8-M	KN 3-M	KN 5-M
Capacity(ton)			1/2	1	2	2.8	3	5
Type	High Speed Hoisting	traversing high	KN1/2-H6(12)-MH	KN1-H6(12)-MH	KN2-H6(12)-MH	KN2.8-H6(12)-MH	KN3-H6(12)-MH	KN5-H6(12)-MH
		traversing low	KN1/2-H6(12)-ML	KN1-H6(12)-ML	KN2-H6(12)-ML	KN2.8-H6(12)-ML	KN3-H6(12)-ML	KN5-H6(12)-ML
	Low Speed Hoisting	traversing high	KN1/2-L6(12)-MH	KN1-L6(12)-MH	KN2-L6(12)-MH	KN2.8-L6(12)-MH	KN3-L6(12)-MH	KN5-L6(12)-MH
		traversing low	KN1/2-L6(12)-ML	KN1-L6(12)-ML	KN2-L6(12)-ML	KN2.8-L6(12)-ML	KN3-L6(12)-ML	KN5-L6(12)-ML
Hoist	Max. lift(m)		6(12)	6(12)	6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	High Speed 50/60(HZ)	10/12	10/12	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low Speed 50/60(HZ)	5/6	5/6	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting Motor (kwxP)	High Speed	1.2×4	2.4×4	3.7×4	4.8×4	5.5×4	5.5×6
		Low Speed	0.6×8	1.2×8	1.8×8	2.4×8	2.8×8	4.2×8
	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37	6×37
		Dial(mm)x No. of Ropes	6×2	8×2	10×2	12.5×2	12.5×2	16×2
	Brake		DC Magnet Disc Brake					
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	20/24	20/24	20/24	20/24	20/24	20/24
		Low Speed 50/60(HZ)	13/16	13/16	13/16	13/16	13/16	13/16
	Traversing Motor (kw×P)	High Speed	0.4×4	0.4×4	0.75×4	0.75×4	0.75×4	0.75×4
		Low Speed	0.2×6	0.2×6	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.) (mm)		H	705	815	980	1115	1115	1325
		A	370(465)	405(505)	465(565)	520(620)	520(620)	605(705)
		B	355(450)	380(480)	410(510)	440(540)	440(540)	500(585)
		D	255	275	310	365	380	415
		G	275	255	260	260	260	275
		K	200	200	225	225	225	275

I-Beam and Spacing (mm)	aXbXc	C	S	R	U	V	C	S	R	U	V	C	S	R	U	V	C	S	R	U	V	C	S	R	U	V	C	S	R	U	V
	200×100×7	385	150	38	46	144	385	170	38	46	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	250×125×7.5	395	150	30	71	153	395	170	30	71	153	445	205	24	71	182	445	210	23	71	182	445	210	23	71	182	455	250	398	61	222
	300×150×10	410	150	28	96	155	410	170	28	96	155	460	205	24	96	182	460	210	23	96	182	460	210	23	96	182	465	250	37	86	224
	450×175×13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	480	250	34	111	228

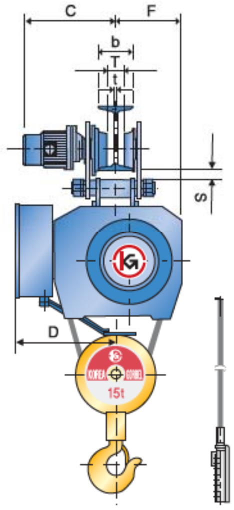
	KN 0.5-M	KN 1-M	KN 2-M	KN 2.8-M	KN 3-M	KN 5-M
Min. Radius of Curvature(m)	1.5	1.5	1.8	1.8	1.8	2.3
Weight(approx.) (kg)	147(167)	190(218)	278(314)	374(418)	374(418)	577(642)

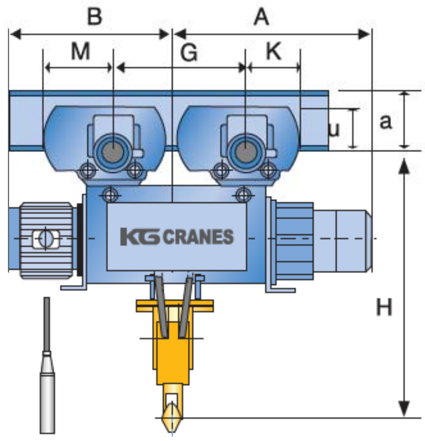
Note : 1. Figures in parentheses ars for Hoists of 12-meter lift.
2. Dimensions of I-beam in ▭ Sections are standard ones. Other I-beam also can used by changing spacers.

※ KN □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Regular Type Hoist with Motor-Driven Trolley





Model			KN 7.5-M	KN 10-M	KN 15-M	KN 20-M
Capacity(ton)			7.5	10	15	20
Type	High Speed Hoisting	traversing high	KN 7.5 - H12-MH	KN 10 - H12-MH	KN 15 - H12-MH	KN 20 - H12-MH
		traversing low	KN 7.5 - H12-ML	KN 10 - H12-ML	KN 15 - H12-ML	KN 20 - H12-ML
	Low Speed Hoisting	traversing high	KN 7.5 - L12-MH	KN 10 - L12-MH	KN 15 - L12-MH	KN 20 - L12-MH
		traversing low	KN 7.5 - L12-ML	KN 10 - L12-ML	KN 15 - L12-ML	KN 20 - L12-ML
Hoist	Max. lift(m)		12	12	12	12
	Hoisting Speed(m/min)	High Speed 50/60(HZ)	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2
		Low Speed 50/60(HZ)	2.3/2.8	2.5/3	2.5/3	2.8/2.8
	Hoisting Motor (kw × P)	High Speed	5.5×6	9×8	13×8	17×8
		Low Speed	4.2×8	6×12	8.5×12	11.5×12
	Wire Rope	Construction	6×37	6×37	6×37	6×37
		Dia.(mm)x No. of Ropes	14×4	16×4	20×4	22.4×4
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(HZ)	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing Motor (kw × P)	High Speed	0.75×4	0.75×4	1.5×4	1.5×4
		Low Speed	0.5×6	0.5×6	1×6	1×6
	Brake		DC Magnet Disc Brake			
Dimensions (approx.) (mm)		H	1460	1520	1875	2115
		A	925	975	1075	1165
		B	835	955	1005	1220
		D	480	510	620	640
		G	800	800	800	850
		K	276	276	300	300
		M	276	276	300	300
Min. Radius of Curvature(m)			For Straight Rails Only			
Weight(approx.) (kg)			910	1210	2030	2430

I-Beam and Spacing (mm)	KN 7.5-M					KN 10-M					KN 15-M					KN 20-M				
a×b×c	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
300×150×10	500	300	35	68	224	485	330	35	68	224	-	-	-	-	-	-	-	-	-	-
450×175×13	510	300	20	93	228	490	330	30	93	228	580	370	32	77	248	580	400	32	77	248
600×190×13	520	300	25	118	232	495	330	25	118	232	590	370	32	92	248	590	370	32	92	248

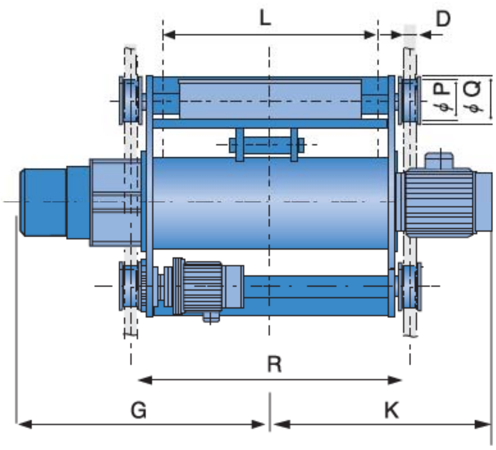
Note : 1. Dimensions of I-beam in ▭ Sections are standard ones. Other I-beam also can used by changing spacers.
2. If curved rail requires, this must be indicated in advance.

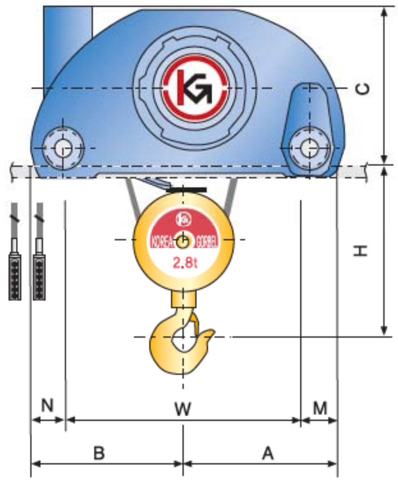
※ KN □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Hoist with Motor-Driven Trolley

(Distance of wire at Lowest level)





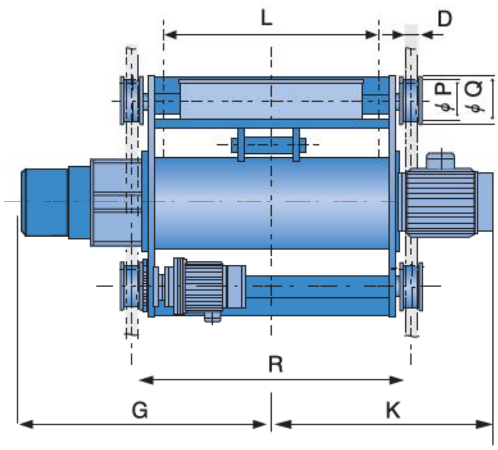
Model			KD 2–M	KD 2.8–M	KD 3–M	KD 5–M
Capacity(ton)			2	2.8	3	5
Type	High Speed Hoisting	traversing high	KD 2– H12–MH	KD 2.8– H12–MH	KD 3– H12–MH	KD 5– H12–MH
		traversing low	KD 2– H12–ML	KD 2.8– H12–ML	KD 3– H12–ML	KD 5– H12–ML
	Low Speed Hoisting	traversing high	KD 2– L12–MH	KD 2.8– L12–MH	KD 3– L12–MH	KD 5– L12–MH
		traversing low	KD 2– L12–ML	KD 2.8– L12–ML	KD 3– L12–ML	KD 5– L12–ML
Hoist	Max. lift(m)		12	12	12	(9)12
	Hoisting Speed(m/min)	High Speed 50/60(HZ)	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low Speed 50/60(HZ)	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting Motor (kw X P)	High Speed	3.7X4	4.8/4	5.5X4	5.5X6
		Low Speed	1.8X8	2.4X8	2.8X8	4.2X8
	Wire Rope	Construction	6X37	6X37	6X37	6X37
		Dia(mm)x No. of Ropes	8X4	9X4	9X4	12.5X4
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	20/24	20/24	20/24	20/24
		Low Speed 50/60(HZ)	13/16	13/16	13/16	13/16
	Traversing Motor (kw X P)	High Speed	0.75X4	0.75X4	0.75X4	0.75X4
		Low Speed	0.5X6	0.5X6	0.5X6	0.5X6
Dimensions (approx.) (mm)		H	415	420	420	510
		R	950	950	950	(950)1150
		A	465	465	465	510
		B	390	390	390	470
		C	500	600	600	550
		G	740	785	785	935
		K	690	705	705	830
		W	650	650	650	760
		D	47	47	47	47
		L	680	690	690	890
		M	115	115	115	125
		N	90	90	90	110
		P	140	140	140	165
		Q	170	170	170	190
Weight(approx.) (kg)			450	550	550	850
Traversing Rail			15kg/m	15kg/m	15kg/m	15kg/m

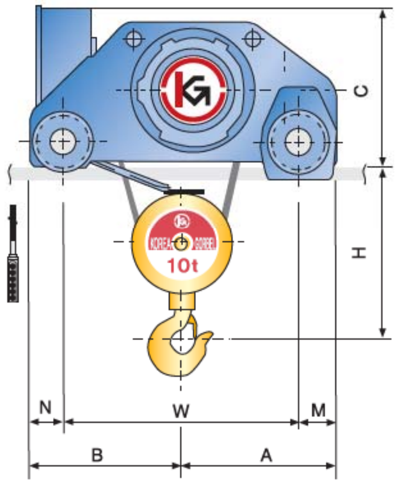
※ KD □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Hoist with Motor-Driven Trolley

(Distance of wire at Lowest level)





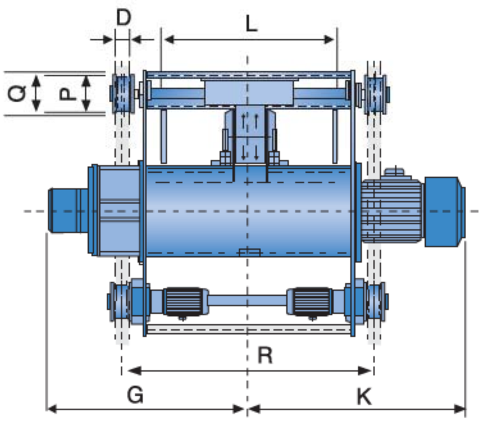
Model			KD 7.5-M	KD 10-M	KD 15-M	KD 20-M	KD 30-M
Capacity(ton)			7.5	10	15	20	30
Type	High Speed Hoisting	traversing high	KD 7.5-H12-MH	KD 10-H12-MH	KD 15-H12-MH	KD 20-H12-MH	KD 30-H12-MH
		traversing low	KD 7.5-H12-ML	KD 10-H12-ML	KD 15-H12-ML	KD 20-H12-ML	KD 30-H12-ML
	Low Speed Hoisting	traversing high	KD 7.5-L12-MH	KD 10-L12-MH	KD 15-L12-MH	KD 20-L12-MH	KD 30-L12-MH
		traversing low	KD 7.5-L12-ML	KD 10-L12-ML	KD 15-L12-ML	KD 20-L12-ML	KD 30-L12-ML
Hoist	Max. lift(m)		12	(9)12	12	12	12
	Hoisting Speed(m/min)	High Speed 50/60(HZ)	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2	2.3/2.8
		Low Speed 50/60(HZ)	2./2.8	2.5/3	2.5/3	2.5/2.8	1.5/1.8
	Hoisting Motor (kw×P)	High Speed	5.5×6	9×8	13×8	17×8	17×8
		Low Speed	4.2×8	6×12	8.5×12	11.5×12	11.5×12
	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37
		Dia.(mm)x No. of Ropes	14×4	16×4	20×4	22.4×4	22.4×6
	Brake		DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	12.5/15	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(HZ)	8.3/10	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing Motor (kw×P)	High Speed	0.75×4	0.75×4	1.5×4	1.5×4	1.5×4(2units)
		Low Speed	0.5×6	0.5×6	1×6	1×6	1×6(2units)
Dimensions (approx.) (mm)		H	730	775	995	1175	1480
		R	1150	(950)1150	1200	1300	1800
		A	525	565	625	670	940
		B	480	510	555	610	940
		C	550	695	860	900	980
		G	925	975	1075	1165	1425
		K	835	955	1005	1220	1480
		W	800	865	920	1000	1540
		D	58	58	58	58	70
		L	852	851	872	934	1418
		M	120	120	130	140	180
		N	95	100	130	140	160
		P	165	165	180	220	250
		Q	195	195	210	250	280
Weight(approx.) (kg)			900	1200	1820	2300	3450
Traversing Rail			15kg/m	15kg/m	22kg/m	22kg/m	30kg/m

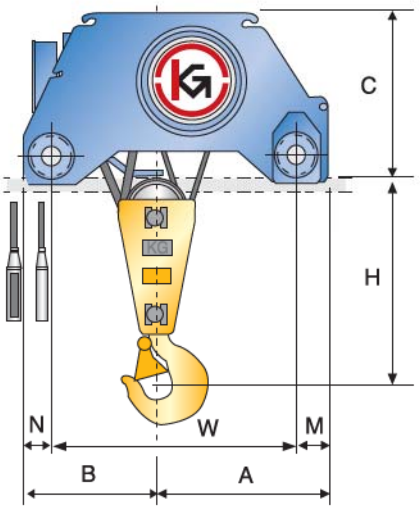
※ KD □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Hoist with Motor-Driven Trolley

(Distance of wire at lowest level)



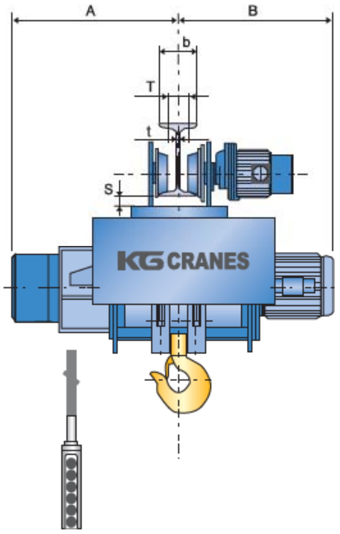


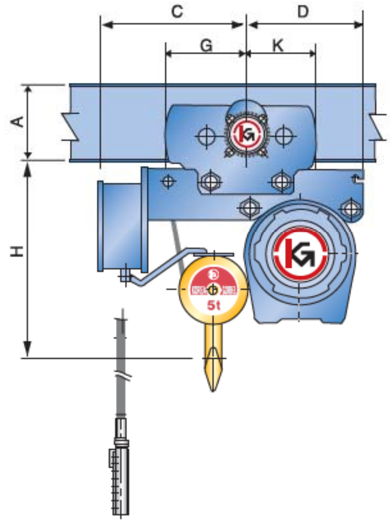
Model			KD 35–M	KD 40–M	KD 50–M	KD 60–M	KD 70–M
Capacity(ton)			35	40	50	60	70
Type	High Speed Traversing		KD 35–H12–MH	KD 40–H12–MH	KD 50–H12–MH	KD 60–H12–MH	KD 70–H12–MH
	Low Speed Traversing		KD 35–H12–ML	KD 40–H12–ML	KD 50–H12–ML	KD 60–H12–ML	KD 70–H12–ML
Hoist	Max. lift(m)		12	12	12	12	12
	Hoisting Speed(m/min)50/60(HZ)		4/4.8	2.7/3.2	2.7/3.2	2/2.4	2/2.4
	Hoisting Motor (kw×p)		33×6	33×6	33×6	33×6	33×6
	Wire Rope	Construction	6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)
		Dial(mm)x No. of Ropes	28×4	28×6	28×6	28×8	28×8
	Brake		DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	12.5/15	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(HZ)	8.3/10	8.3/10	8.3/10	8.3/10	8.3/10
Traversing Motor (kw × P)		High Speed	2.2×4	2.2×4(2UNITS)	2.2×4(2UNITS)	2.2×4(2UNITS)	3.7×4(2UNITS)
		Low Speed	1.5×6	1.5×6(2UNITS)	1.5×6(2UNITS)	1.5×6(2UNITS)	2.2×6(2UNITS)
Dimensions (approx.) (mm)		H	1490	1680	1680	1780	1780
		R	1600	2300	2300	2800	2800
		A	1025	1432	1432	1525	1525
		B	955	1243	1243	1150	1150
		C	1013	1220	1220	1220	1220
		G	1455	1780	1780	2030	2030
		K	1360	1715	1715	1965	1965
		W	1550	2125	2125	2125	2075
		D	70	80	80	80	80
		L	1044	1430	1430	1930	1930
		M	215	275	275	275	300
		N	215	275	275	275	300
		P	355	450	450	450	500
		Q	395	490	490	490	540
Weight(approx.) (kg)			5200	7000	7000	8500	9000
Traversing Rail			37kg/m	50kg/m	50kg/m	50kg/m	50kg/m

※ KD □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Low-Head Type Hoist with Motor-Driven Trolley





Model			KL 0.5-M	KL 1-M	KL 2-M	KL 2.8-M	KL 3-M	KL 5-M
Capacity(ton)			1/2	1	2	2.8	3	5
Type	High Speed Hoisting	traversing high	KL 1/2-H6-MH	KL 1-H6-MH	KL 2-H6-MH	KL 2.8-H6-MH	KL 3-H6-MH	KL 5-H6-MH
		traversing low	KL 1/2-H6-ML	KL 1-H6-ML	KL 2-H6-ML	KL 2.8-H6-ML	KL 3-H6-ML	KL 5-H6-ML
	Low Speed Hoisting	traversing high	KL 1/2-H6-MH	KL 1-H6-MH	KL 2-H6-MH	KL 2.8-H6-MH	KL 3-H6-MH	KL 5-H6-MH
		traversing low	KL 1/2-H6-ML	KL 1-H6-ML	KL 2-H6-ML	KL 2.8-H6-ML	KL 3-H6-ML	KL 5-H6-ML
Hoist	Max. lift(m)		6	6	6	6	6	6
	Hoisting Speed (m/min)	High Speed 50/60(HZ)	10/12	10/12	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low Speed 50/60(HZ)	5/6	5/6	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting Motor (kwxP)	High Speed	1.2×4	2.4×4	3.7×4	4.8×4	5.5×4	5.5×6
		Low Speed	.6×8	1.2×8	1.8×8	2.4×8	2.8×8	4.2×8
	Wire Rope	Construction	7×19	6×37	6×37	6×37	6×37	6×37
		Dial(mm)x No. of Ropes	4×4	6×4	8×4	9×4	9×4	11.2×4
	Brake		DC Magnet Disc Brake					
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	20/24	20/24	20/24	20/24	20/24	20/24
		Low Speed 50/60(HZ)	13/16	13/16	13/16	13/16	13/16	13/16
	Traversing Motor (kw×P)	High Speed	0.4×4	0.4×4	0.75×4	0.75×4	0.75×4	0.75×4
		Low Speed	0.2×6	0.2×6	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.) (mm)		H	550	550	620	620	620	800
		A	465	505	590	620	620	705
		B	450	480	510	540	540	585
		C	405	405	435	495	510	585
		D	245	290	385	395	395	465
		G	255	255	260	260	260	275
		K	200	200	225	225	225	275

I-Beam and Spacing (mm)	KL 0.5-M			KL 1-M			KL 2-M			KL 2.8-M			KL 3-M			KL 5-M		
aXbXc	S	T	U	S	T	U	S	T	U	S	T	U	S	T	U	S	T	U
200×100×7	38	46	144	38	46	144	–	–	–	–	–	–	–	–	–	–	–	–
250×125×7.5	30	71	153	30	71	153	22	71	182	23	71	18	22	371	182	–	–	–
300×150×10	28	96	155	30	71	153	22	96	182	23	96	182	23	96	182	26	86	224
450×175×13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23	111	228

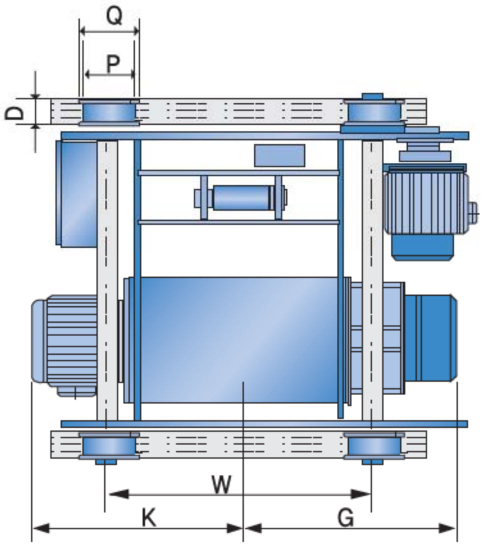
	KL 0.5-M	KL 1-M	KL 2-M	KL 2.8-M	KL 3-M	KL 5-M
Min. Radius of Curvature(m)	1.5	1.5	1.8	1.8	1.8	2.3
Weight(approx.) (kg)	175	200	350	440	440	730

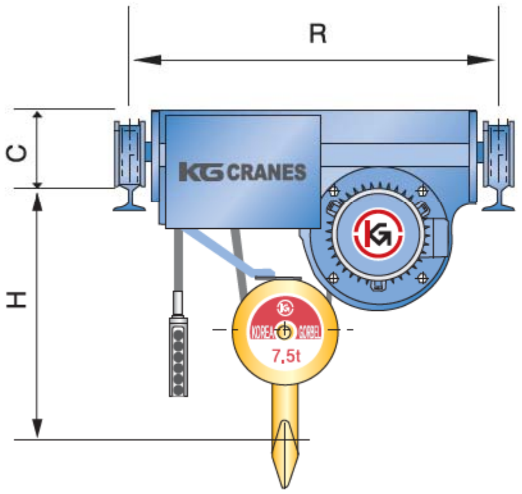
Note : 1. Dimensions of I-beam in ▭ Sections are standard ones. Other I-beam also can used by changing spacers.

※ KL □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double Low-Head Type Hoist with Motor-Driven Trolley





Model				KP 2–M	KP 2.8–M	KP 3–M	KP 5–M	KP 7.5–M
Capacity(ton)				2	2.8	3	5	7.5
Type	High Speed Hoisting	traversing high		KP 2–H6–MH	KP 2.8–H6–MH	KP 3–H6–MH	KP 5–H6–MH	KP 7.5–H12–MH
		traversing low		KP 2–H6–ML	KP 2.8–H6–ML	KP 3–H6–ML	KP 5–H6–ML	KP 7.5–H12–ML
	Low Speed Hoisting	traversing high		KP 2–L6–MH	KP 2.8–L6–MH	KP 3–L6–MH	KP 5–L6–MH	KP 7.5–L12–MH
		traversing low		KP 2–L6–ML	KP 2.8–L6–ML	KP 3–L6–ML	KP 5–L6–ML	KP 7.5–L12–ML
Hoist	Max. lift(m)			6(12)	6(12)	6(12)	10	12
	Hoisting Speed (m/min)	High Speed	50(HZ)	8.3	7.5	7.5	4.7	3.2
			60(HZ)	10	9	9	5.6	3.8
		Low Speed	50(HZ)	5	3.8	3.8	3.5	2.4
			60(HZ)	6	4.5	4.5	4.2	2.8
	Hoisting Motor (kwxP)	High Speed		3.7×4	4.8×4	5.5×4	5.5×6	5.5×6
		Low Speed		18.8×6	2.4×8	2.8×8	4.2×8	4.2×8
	Wire Rope	Construction		6×37	6×37	6×37	6×37	6×37
		Dial(mm)x No. of Ropes		8×4	9×4	9×4	11.2×4	14×4
	Brake			DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed	50(HZ)	20	20	20	20	20
			60(HZ)	24	24	24	24	15
		Low Speed	50(HZ)	13	13	13	13	8.3
			60(HZ)	16	16	16	16	10
	Traversing Motor (kw×P)	High Speed		0.75×4	0.75×4	0.75×4	0.75×4	0.75×4
		Low Speed		0.5×6	0.5×6	0.5×6	0.5×6	0.5×6
	Brake							
Dimensions (approx.) (mm)		H		390	495	495	525	950
		R		950	950	950	1150	1400
		C		170	170	170	200	200
		G		582	652	652	730	925
		K		532	550	550	620	870
		W		650	650	650	772	1250
		D		47	47	47	47	47
		P		140	140	140	165	165
		Q		170	170	170	195	195
Weight(approx.) (kg)				15kg/m	15kg/m	15kg/m	15kg/m	15kg/m

Note : Available lift height over 6meters.

※ 10^t, 15^t, 20^t, 30^t Consult factory for specification.

※ KP □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Creep Hoist

A Specific Character of Creep Hoist

• **Create 1/10 Hoisting Speed Ratio**

• **Working Efficiency**

Speed is freely changed with push buttons at a high speed when large movement and creep speed when fine adjusting movement.

The hoisted load is securely and efficiently stopped and unloaded.

• **Safety Design**

Two Motors of creep and high speed are provided, The creep speed selected by 2nd level pushed button and the high speed by 1st level pushed button. Even if the oad is hoisted for a short distance, it is stably and smoothly.

• **Smooth Trolley Travel**

Trolley is equipped with geared motor of slow-start and stop so that the trolley positionis finely and smoothly adjusted.

• **Durability and Economical Improvement**

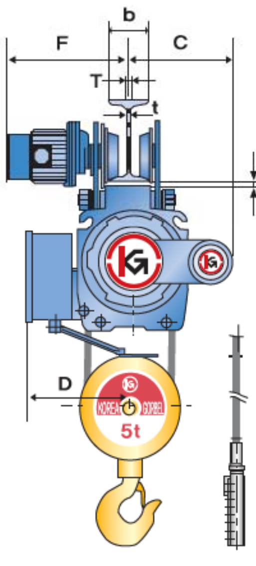
Since inching operation is unnecessary, there is no over-current, machine mechanism shock is softened and durability is increased. Thus, the hoist is the energy saving type which reducesdenamd.

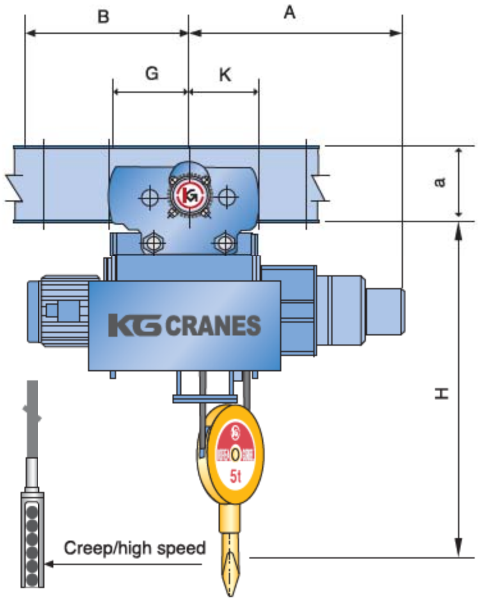
• **Fine Work, Various Applications**

- Work removable to machine tool
- Machine assembly
- Die matching of inection machine
- Die mounting, re,oving to press
- Change of jigs and tools
- Die transfer, matching and drawing works at casting shop

WIRE HOIST A Type

Regular Type Creep Hoist with Motor-Driven Trolley





Model				KN 1–M	KN 2–M	KN 2.8–M	KN 3–M	KN 5–M
Capacity(ton)				1	2	2.8	3	5
Type	High Speed Traversing			C–KN 1–H6(12)–MH	C–KN 2–H6(12)–MH	C–KN2.8–H6(12)–MH	C–KN 3–H6(12)–MH	C–KN 5–H6(12)–MH
	Low Speed Traversing			C–KN 1–H6(12)–ML	C–KN 2–H6(12)–ML	C–KN2.8–H6(12)–ML	C–KN 3–H6(12)–ML	C–KN 5–H6(12)–ML
Hoist	Max. lift(m)			6(12)	6(12)	6(12)	6(12)	6(12)
	Hoisting Speed(m/min) High/Creep Speed		50(HZ)	10/1	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47
			60(HZ)	12/1.2	10/1	9/0.9	9/0.9	5.6/0.56
	Motor(KW×P)High/Creep Speed			2.4/0.4×4	3.7/0.4×4	4.8/1.1×4	5.5/1.1×4	5.5/1×6
	Wire Rope	Construction		6×37	6×37	6×37	6×37	6.37
		Dial(mm)x No. of Ropes		8×2	10×2	12.5×2	12.5×2	16×2
	Brake			DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed	50(HZ)	20	20	20	20	20
			60(HZ)	24	24	24	24	24
		Low Speed	50(HZ)	13	13	13	13	13
			60(HZ)	16	16	16	16	16
	Traversing Motor (kw×P)	High Speed		0.4×4	0.75×4	0.75×4	0.75×4	0.75×4
		Low Speed		0.2×6	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.) (mm)		H		815	980	1115	1115	1325
		A		580(680)	620(720)	740(840)	740(840)	840(940)
		B		380(480)	410(510)	440(540)	440(540)	500(585)
		D		275	310	365	380	415
		F		330	370	375	375	430
		G		255	260	260	260	275
		K		200	225	225	225	275

I-Beam and Spacing (mm)	KN 1–M				KN 2–M				KN 2.8–M				KN 3–M				KN 5–M			
a×b×c	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
200×100×7	395	38	46	144	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
250×125×7.5	395	30	71	153	445	26	71	183	445	25	71	182	445	25	71	182	455	37	61	222
300×150×10	410	28	96	156	460	24	96	182	460	23	96	182	460	23	96	182	465	32	86	224
450×175×13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	480	32	111	228

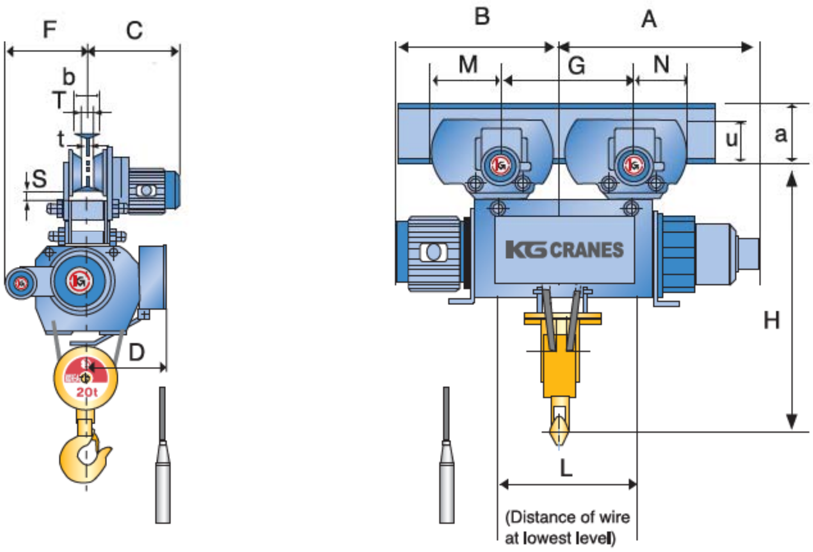
	KN 1–M	KN 2–M	KN 2.8–M	KN 3–M	KN 5–M
Min. Radius of Curvature(m)	1.5	1.8	1.8	1.8	2.3
Weight(approx.) (kg)	225(245)	320(355)	415(460)	415(460)	635(700)

Note : 1. Dimension of I-beam in ▭ Sections are standard ones. Other I-beam also can be changing spacers.
2. If Curved rail requires, this must be indicated in advance.

※ KN □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Regular Type Creep Hoist with Motor-Driven Trolley



Model				KN 7.5-M	KN 10-M	KN 15-M	KN 20-M
Capacity(ton)				7.5	10	15	20
Type	High Speed Traversing			C-KN 7.5-H12-MH	C-KN 10-H12-MH	C-KN 15-H12-MH	C-KN 20-H12-MH
	Low Speed Traversing			C-KN 7.5-H12-ML	C-KN 10-H12-ML	C-KN 15-H12-ML	C-KN 20-H12-ML
Hoist	Max. lift(m)			12	12	12	12
	Hoisting Speed(m/min) High/Creep Speed		50(HZ)	3.1/0.31	3.7/0.37	3.7/0.37	3.5/0.35
			60(HZ)	3.8/0.38	4.5/0.45	4.5/0.45	4.2/0.42
	Motor(KW×P)High/Creep Speed			5.5/1×6	9/1.1×8	13/1.8×8	17/1.8×8
	Wire Rope	Construction		6×37	6×37	6/37	6×37
		Dial(mm)x No. of Ropes		14×4	16×4	20×4	22.4×4
	Brake			DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed	50(HZ)	12.5	12.5	12.5	12.5
			60(HZ)	15	15	15	15
		Low Speed	50(HZ)	8.3	8.3	8.3	8.3
			60(HZ)	10	10	10	10
	Traversing Motor (kw×P)		High Speed	0.75×4	0.75×4(2units)	1.5×4(2units)	1.5×4(2units)
			Low Speed	0.5×6	0.5×6(2units)	1×6(2units)	1×6(2units)
Dimensions (approx.) (mm)			H	1460	1565	1875	2115
			A	1170	1230	1365	1460
			B	835	955	1005	1220
			D	480	510	620	640
			F	465	525	575	621
			L	850	850	870	935
			G	800	800	800	850
			M	276	276	300	300
			K	276	276	300	300

I-Beam and Spacing (mm)	a×b×c	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
	300×150×10	500	35	68	224	475	35	68	224	-	-	-	-	-	-	-	-
	450×175×10	510	30	93	228	490	30	93	228	580	32	77	248	580	32	77	248
	600×190×13	520	32	118	227	495	32	118	227	587	37	92	243	587	37	92	243

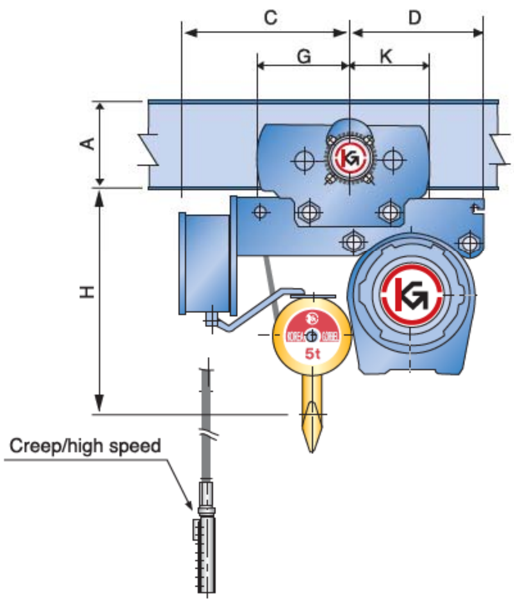
	KN 7.5-M	KN 10-M	KN 15-M	KN 20-M
Min. Radius of Curvature(m)	For straight rails only			
Weight(approx.) (kg)	970	1280	2180	2520

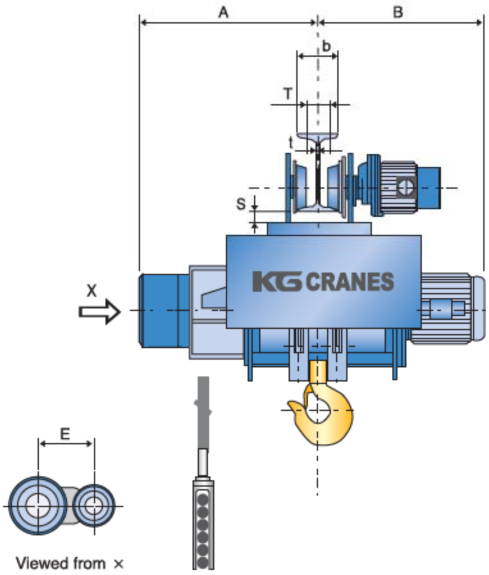
Note : 1. Dimension of I-beam in ▭ Sections are standard ones.
2. If Curved rail requires, this must be indicated in advance. Other I-beam also can be changing spacers.

※ KN □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Low-Head Type Creep Hoist with Motor-Driven Trolley





Model				KL 1-M	KL 2-M	KL 2.8-M	KL 3-M	KL 5-M
Capacity(ton)				1	2	2.8	3	5
Type	High Speed Traversing			C-KL 1 H6-MH	C-KL 2 H6-MH	C-KL 2.8 H6-MH	C-KL 3 H6-MH	C-KL 5 H6-MH
	Low Speed Traversing			C-KL 1 H6-ML	C-KL 2 H6-ML	C-KL 2.8 H6-ML	C-KL 3 H6-ML	C-KL 5 H6-ML
Hoist	Max. lift(m)			6	6	6	6	6
	Hoisting Speed(m/min) High/Creep Speed		50(HZ)	10/1	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47
			60(HZ)	12/1.2	10/1	9/0.9	9/0.9	5.6/0.56
	Motor(KW×P)High/Creep Speed			2.4/0.4×4	3.7/0.4×4	4.8/1.1×4	5.5/1.1×4	5.5/1×6
	Wire Rope	Construction		6×37	6×37	6×37	6×37	6×37
		Dial(mm)x No. of Ropes		6×4	8×4	9×4	9×4	11.2×4
	Brake			DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed	50(HZ)	20	20	20	20	20
			60(HZ)	24	24	24	24	24
		Low Speed	50(HZ)	13	13	13	13	13
			60(HZ)	16	16	16	16	16
	Traversing Motor (kw×P)		High Speed	0.4×4	0.75×4	0.75×4	0.75×4	0.75×4
			Low Speed	0.2×6	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.) (mm)			H	550	620	620	620	800
			A	680	740	840	840	940
			B	510	765	765	765	820
			C	450	450	495	510	585
			D	290	385	400	565	635
			G	255	260	260	260	275
			K	200	225	225	225	275
			E	330	375	375	375	425
			F	480	555	555	570	600

I-Beam and Spacing (mm)	a×b×c	KL 1-M S	KL 1-M T	KL 1-M U	KL 2-M S	KL 2-M T	KL 2-M U	KL 2.8-M S	KL 2.8-M T	KL 2.8-M U	KL 3-M S	KL 3-M T	KL 3-M U	KL 5-M S	KL 5-M T	KL 5-M U
	200×100×7	38	46	144	33	46	172	-	-	-	-	-	-	-	-	-
	250×125×7.5	30	71	153	24	71	182	25	71	182	23	71	182	-	-	-
	300×150×13	28	96	155	22	96	182	23	96	182	23	96	182	37	86	224
	600×190×13	-	-	-	-	-	-	-	-	-	-	-	-	34	111	228

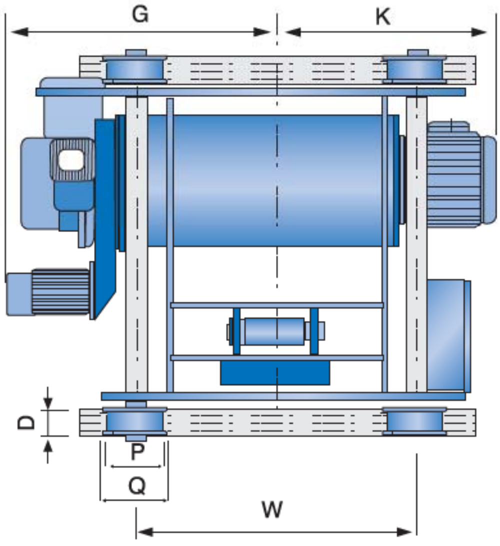
Model	KL 1-M	KL 2-M	KL 2.8-M	KL 3-M	KL 5-M
Min. Radius of Curvature(m)	1.5	1.8	1.8	1.8	2.8
Weight(approx.) (kg)	275	440	545	545	775

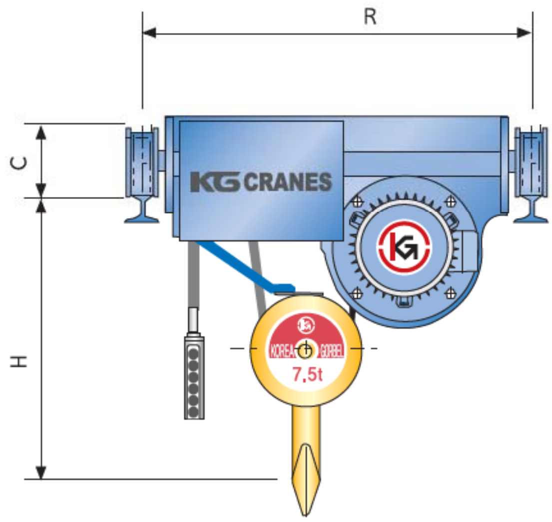
Note : Dimension of I-beam in ▭ Sections are standard ones. Other I-beam also can be changing spacers.

※ KL □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double Low-Head Type Creep Hoist with Motor-Driven Trolley





Model				KP 2.8-M	KP 3-M	KP 5-M	KP 7.5-M
Capacity(ton)				2.8	3	5	7.5
Type	High Speed Traversing			C-KP 2.8-H6-MH	C-KP 3-H6-MH	C-KP 5-H6-MH	C-KP 7.5-H6-MH
	Low Speed Traversing			C-KP 2.8-H6-ML	C-KP 3-H6-ML	C-KP 5-H6-ML	C-KP 7.5-H6-ML
Hoist	Max. lift(m)			6	6	6	6
	Hoisting Speed(m/min) High/ Creep Speed		50(HZ)	7.5/0.75	7.5/0.75	4.7/0.47	3.2/0.32
			60(HZ)	9/0.9	9/0.9	5.6/0.65	3.8/0.38
	Motor(KW×P)High/Creep Speed			4.8/1.1×4	5.5/1.1×4	5.5/1×6	5.5/1×6
	Wire Rope	Construction		6×37	6×37	6×37	6×37
		Dia(mm)× No. of Ropes		9×4	9×4	11.2×4	14×4
	Brake			DC Magnet Disc			
Traversing	Traversing Speed (m/min)	High Speed	50(HZ)	20	20	20	12.5
			60(HZ)	24	24	24	15
		Low Speed	50(HZ)	13	13	13	8.3
			60(HZ)	16	16	16	10
	Motor (kw×P)		High Speed	0.75×4	0.75×4	0.75×4	0.75×4
			Low Speed	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.) (mm)			H	495	495	525	950
			R	950	950	1150	1400
			C	170	170	200	300
			G	810	810	950	1015
			K	550	550	620	870
			W	650	650	772	1250
			D	47	47	47	47
			Q	170	170	195	195
			P	140	140	165	165
Weight(approx.) (kg)				5400	7200	9050	9200
Traversing Rail				37kg/m	50kg/m	50kg/m	50kg/m

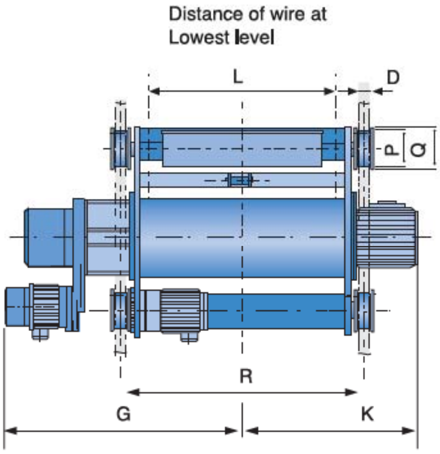
Note : Available lift height over 6 meters.

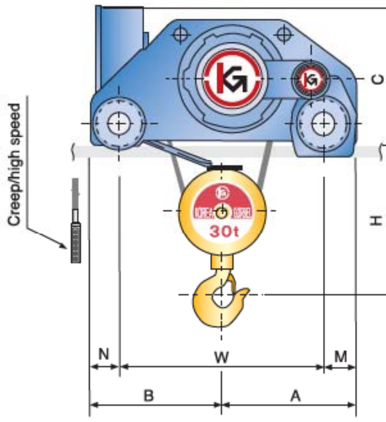
※ 10^{t}, 15^{t}, 20^{t}, 30^{t} Consult factory for specification.

※ KP □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Creep Hoist with Motor-Driven Trolley





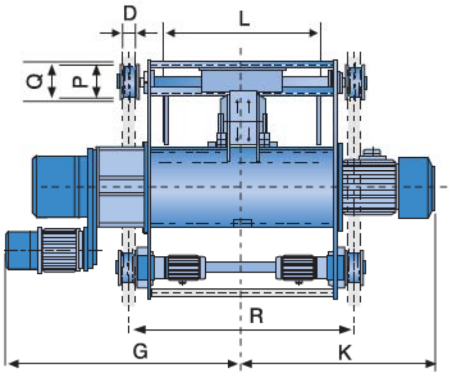
Model				KD 2–M	KD 2.8–M	KD 3–M	KD 5–M	KD 7.5–M	KD 10–M	KD 15–M	KD 20–M	KD 30–M
Capacity(ton)				2	2.8	3	5	7.5	10	15	20	30
Type	High Speed Traversing			C-KD2-H12-MH	C-KD 2.8-H12-MH	C-KD 3-H12-MH	C-KD 5-H12-MH	C-KD 7.5-H12-MH	C-KD 10-H12-MH	C-KD 15-H12-MH	C-KD 20-H12-MH	C-KD 30-H12-MH
	Low Speed Traversing			C-KD2-H12-ML	C-KD 2.8-H12-ML	C-KD 3-H12-ML	C-KD 5-H12-ML	C-KD 7.5-H12-ML	C-KD 10-H12-ML	C-KD 15-H12-ML	C-KD 20-H12-ML	C-KD 30-H12-ML
Hoist	Max. lift(m)			12	12	12	12	12	12	12	12	12
	Hoisting Speed(m/min) High/ Creep Speed		50(HZ)	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47	3.1/0.31	3.7/0.37	3.7/0.37	3.5/0.35	2.3/0.23
			60(HZ)	10/1	9/0.9	9/0.9	5.6/0.56	3.8/0.38	4.5/0.45	4.5/0.45	4.2/0.42	2.8/0.28
	Motor(KW×P)High/Creep Speed			3.7/0.4×4	4.8/1.1×4	5.5/1.1×4	5.5/1×6	5.5/1×6	9/1.1×8	13/1.8×8	17/1.8×8	17/1.8×8
	Wire Rope	Construction		6×37	6×37	6×37	6×37	6×37	6×37	6×37	6×37	6×37
		Dia(mm)× No. of Ropes		8×4	9×4	9×4	12.5×4	14×4	16×4	20×4	22.4×4	22.4×6
	Brake			DC Magnet Disc Brake								
Traversing	Traversing Speed (m/min)	High Speed	50(HZ)	20	20	20	20	12.5	12.5	12.5	12.5	12.5
			60(HZ)	24	24	24	24	15	15	15	15	15
		Low Speed	50(HZ)	13	13	13	13	8.3	8.3	8.3	8.3	8.3
			60(HZ)	16	16	16	16	10	10	10	10	10
	Motor (kw × P)		High Speed	0.75×4	0.75×4	0.75×4	0.75×4	0.75×4	0.75×4	1.5×4	1.5×4	1.5×4 (2units)
			Low Speed	0.5×6	0.5×6	0.5×6	0.5×6	0.5×6	0.5×6	1×6	1×6	1×6 (2units)
Dimensions (approx.) (mm)			H	415	420	420	510	730	775	995	1175	1480
			R	950	950	950	1150	1150	1150	1200	1300	1800
			A	465	465	465	510	525	565	625	670	940
			B	390	390	390	470	480	510	555	610	940
			C	500	600	600	550	550	695	860	900	980
			G	905	1020	1020	1170	1170	1230	1365	1460	1720
			K	609	705	705	830	835	955	1005	1220	1480
			W	650	650	650	760	800	865	920	1000	1540
			S	45	45	45	42	42	42	30	30	55
			D	47	47	47	47	58	58	58	58	70
			L	680	690	690	890	850	850	870	935	1420
			M	115	115	115	125	120	120	130	140	180
			N	90	90	90	110	95	100	130	140	180
			P	140	140	140	165	165	165	180	220	250
			Q	170	170	170	195	195	195	210	250	280
Weight(approx.) (kg)				490	590	590	900	955	1265	1920	2385	3536
Traversing Rail				15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	22kg/m	30kg/m

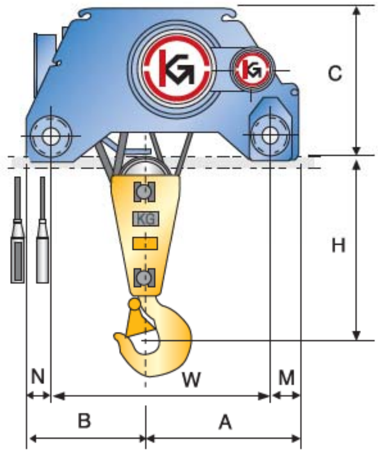
※ KD □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Creep Hoist with Motor-Driven Trolley

(Distance of wire at lowest level)



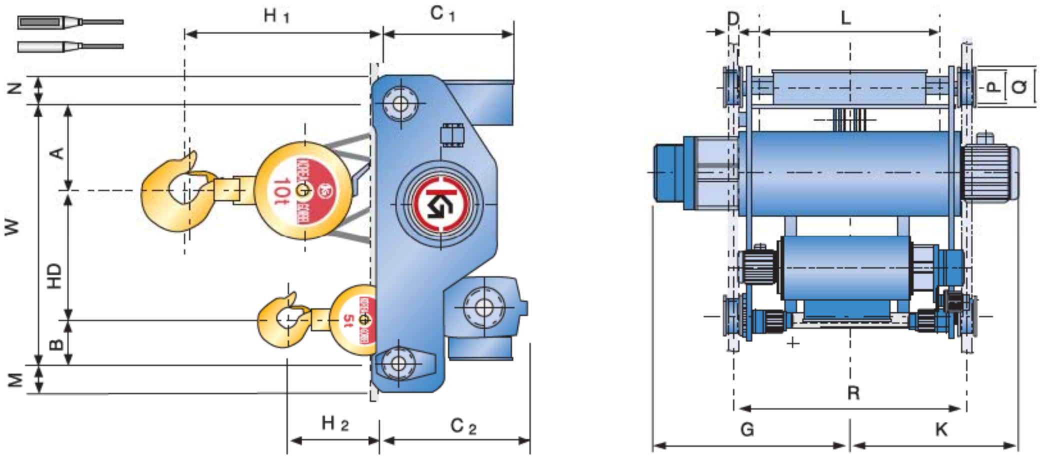


Model				KD 35-M	KD 40-M	KD 50-M	KD 60-M	KD 70-M
Capacity(ton)				35	40	50	60	70
Type	High Speed Traversing			C-KD35-H12-MH	C-KD40-H12-MH	C-KD50-H12-MH	C-KD60-H12-MH	C-KD70-H12-MH
Type	Low Speed Traversing			C-KD35-H12-ML	C-KD40-H12-ML	C-KD50-H12-ML	C-KD60-H12-ML	C-KD70-H12-ML
Hoist	Max. lift(m)			12	12	12	12	12
Hoist	Hoisting Speed(m/min) High/ Creep Speed		50(HZ)	4/0.4	2.7/0.27	2.7/0.27	2/0.2	2/0.2
Hoist	Hoisting Speed(m/min) High/ Creep Speed		60(HZ)	4.8/0.48	3.2/0.32	3.2/0.32	2.4/0.24	2.4/0.24
Hoist	Motor(KW×P)High/Creep Speed			33/3.7×6/4	33/3.7×6/4	33/3.7×6/4	33/3.7×6/4	33/3.7×6/4
Hoist	Wire Rope	Construction		6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)
Hoist	Wire Rope	Dia(mm)× No. of Ropes		28×4	28×6	28×6	28×8	28×8
Hoist	Brake			DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed	50(HZ)	12.5	12.5	12.5	12.5	12.5
Traversing	Traversing Speed (m/min)	High Speed	60(HZ)	15	15	15	15	15
Traversing	Traversing Speed (m/min)	Low Speed	50(HZ)	8.3	8.3	8.3	8.3	8.3
Traversing	Traversing Speed (m/min)	Low Speed	60(HZ)	10	10	10	10	10
Traversing	Motor (kw × P)		High Speed	2.2×4	2.2×4(2units)	2.2×4(2units)	2.2×4(2units)	3.7×4(2units)
Traversing	Motor (kw × P)		Low Speed	1.5×6	1.5×6(2units)	1.5×6(2units)	1.5×6(2units)	2.2×6(2units)
Dimensions (approx.) (mm)			H	1490	1680	1680	1780	1780
Dimensions (approx.) (mm)			R	1600	2300	2300	2800	2800
Dimensions (approx.) (mm)			A	1025	1432	1432	1525	1525
Dimensions (approx.) (mm)			B	955	1243	1243	1150	1150
Dimensions (approx.) (mm)			C	1013	1220	1220	1220	1220
Dimensions (approx.) (mm)			G	1735	2060	2060	2310	2310
Dimensions (approx.) (mm)			K	1360	1715	1715	1965	1965
Dimensions (approx.) (mm)			W	1550	2125	2125	2125	2075
Dimensions (approx.) (mm)			D	70	80	80	80	80
Dimensions (approx.) (mm)			L	1044	1730	1730	1930	1930
Dimensions (approx.) (mm)			M	215	275	275	275	300
Dimensions (approx.) (mm)			N	215	275	275	275	300
Dimensions (approx.) (mm)			P	355	450	450	450	500
Dimensions (approx.) (mm)			Q	355	490	490	490	540
Weight(approx.) (kg)				5400	7200	7200	9050	9200
Traversing Rail				37kg/m	50kg/m	50kg/m	50kg/m	50kg/m

※ KD □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Main & Aux Hoist

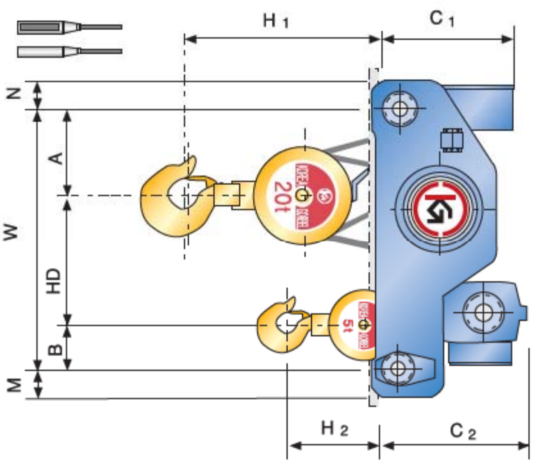


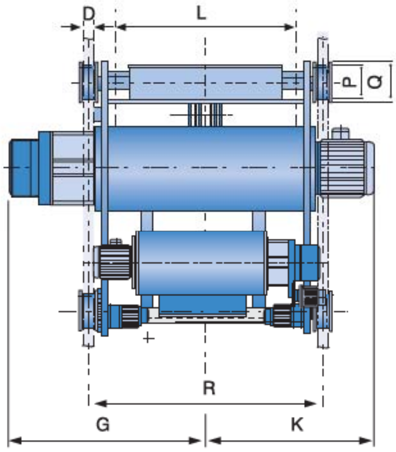
Model			KA 5/3-M		KA 7.5/3-M		KA 10/5-M		KA 15/5-M	
Capacity(ton)			5/3		7.5/3		10/5		15/5	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	High Speed 50/60(HZ)	4.7/5.6	7.5/9	3.1/3.8	7.5/9	3.7/4.5	4.7/5.6	3.7/4.5	4.7/5.6
		Low Speed 50/60(HZ)	3.5/4.2	3.7/4.5	2.3/2.8	3.7/4.5	2.5/3	3.5/4.2	2.5/3	3.5/4.2
	Hoisting Motor (kw X P)	High Speed	5.5X6	5.5X4	5.5X6	5.5X4	9X8	5.5X6	13X8	5.5X6
		Low Speed	4.2X8	2.8X8	4.2X8	2.8X8	6X12	4.2X8	8.5X12	4.2X8
	Wire Rope	Construction	6X37	6X37	6X37	6X37	6X37	6X37	6X37	6X37
		Dia(mm)X No. of Ropes	12.5X4	12.5X2	14X4	12.5X2	16X4	16X2	20X4	16X2
	Brake		DC Magnet Disc Brake							
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	20/24		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(HZ)	13/16		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw X P)	High Speed	0.75X4		0.75X4		0.75X4		1.5X4	
		Low Speed	0.5X6		0.5X6		0.5X6		1X6	
Dimensions (approx.) (mm)		H1	510		730		775		995	
		H2	270		350		390		365	
		R	1150		1150		1150		1200	
		HD	485		570		600		645	
		A	370		420		460		425	
		B	365		390		400		450	
		C1	550		550		695		860	
		C2	845		725		905		930	
		G	935		925		975		1075	
		K	885		870		1060		1065	
		W	1220		1380		1460		1520	
		D	47		58		58		58	
		L	890		852		851		872	
		M	110		110		110		130	
		N	125		120		120		140	
		P	165		165		165		180	
		Q	190		195		195		210	
Weight(approx.) (kg)			1285		1600		1830		2475	
Traversing Rail			15kg/m		15kg/m		15kg/m		22kg/m	

※ KA □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Main & Aux Hoist



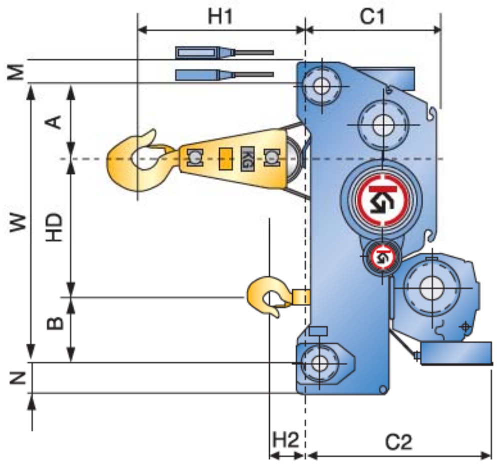


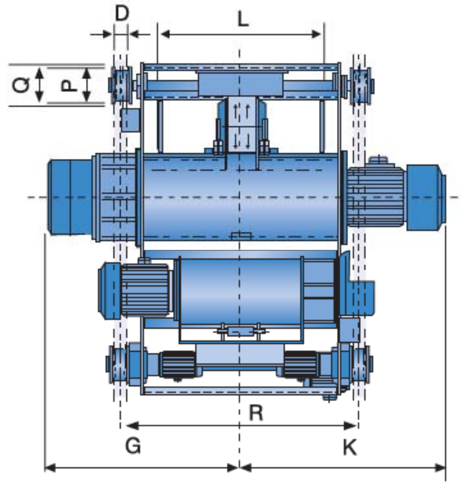
Model			KA 20/5-M		KA 20/10-M		KA 30/10-M		KA 30/15-M	
Capacity(ton)			20/5		20/10		30/10		30/15	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	High Speed 50/60(HZ)	3.5/4.2	4.7/5.6	3.5/4.2	3.7/4.5	2.3/2.8	3.7/4.5	2.3/2.8	3.7/4.5
		Low Speed 50/60(HZ)	2.5/2.8	3.5/4.2	2.5/4.2	2.5/3	1.5/1.8	2.5/3	1.5/1.8	2.5/3
	Hoisting Motor (kw X P)	High Speed	17X8	5.5X6	17X8	9X8	17X8	9X8	17X8	13X8
		Low Speed	11.5X12	4.2X8	11.5X12	6X12	11.5X12	6X12	11.5X12	8.5X12
	Wire Rope	Construction	6X37	6X37	6X37	6X37	6X37	6X37	6X37	6X37
		Dia(mm)X No. of Ropes	22.4X4	16X2	22.4X4	16X4	22.4X6	16X4	22.4X6	20X4
	Brake		DC Magnet Disc Brake							
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(HZ)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw X P)	High Speed	1.5X4		1.5X4		1.5X4(2unts)		1.5X4(2unts)	
		Low Speed	1X6		1X6		1X6(2unts)		1X6(2unts)	
Dimensions (approx.) (mm)		H1	1175		1175		1480		1480	
		H2	350		425		430		615	
		R	1300		1300		1800		1800	
		HD	700		775		1010		1010	
		A	570		57		780		780	
		B	450		630		550		550	
		C1	900		900		980		980	
		C2	935		1180		995		1115	
		G	1165		1165		1425		1425	
		K	1210		1210		1480		1480	
		W	1720		1980		2340		2340	
		D	58		58		70		70	
		L	934		934		1418		1418	
		M	170		170		160		160	
		N	170		170		180		180	
		P	220		220		280		280	
		Q	250		250		280		280	
Weight(approx.) (kg)			2925		3475		4670		5200	
Traversing Rail			22kg/m		22kg/m		30kg/m		30kg/m	

※ KA □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Main & Aux Hoist



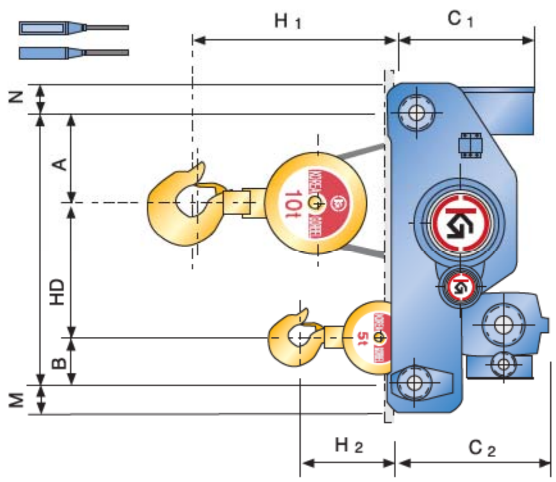


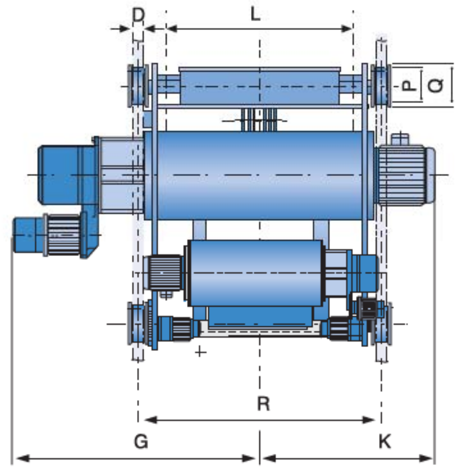
Model			KA 35/10-M		KA 50/10-M		KA 60/20-M		KA 70/20-M	
Capacity(ton)			35/10		50/10		60/20		70/20	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	High Speed 50/60(HZ)	4/4.8	3.7/4.5	2.7/3.2	3.7/4.5	2/2.4	3.5/4.2	2/2.4	3.5/4.2
		Low Speed 50/60(HZ)		2.5/3		2.5/3		2.5/2.8		2.5/2.8
	Hoisting Motor (kw X P)	High Speed	33X6	9X8	33X6	9X8	33X6	17X8	33X6	17X8
		Low Speed		6X12		6X12		11.5X12		11.5X12
	Wire Rope	Construction	6XFi(25)	6X37	6XFi(25)	6X37	6XFi(25)	6X37	6XFi(25)	6X37
		Dia(mm)X No. of Ropes	28X4	16X4	28X6	16X4	28X8	22.4X4	28X8	22.4X4
	Brake		DC Magnet Disc Brake							
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(HZ)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw X P)	High Speed	2.2X4		2.2X4(2units)		2.2X4(2units)		3.7X4(2units)	
		Low Speed	1.5X6		1.5X6(2units)		1.5X6(2units)		2.2X6(2units)	
Dimensions (approx.) (mm)		H1	1490		1680		1780		1780	
		H2	420		50		330		330	
		R	1600		2300		2800		2800	
		HD	1100		1300		1378		1378	
		A	740		968		968		968	
		B	560		657		579		579	
		C1	1013		1220		1220		1220	
		C2	1333		1460		1750		1750	
		G	1455		1780		2030		2030	
		K	1360		1715		1965		1965	
		W	2400		2925		2925		2925	
		D	70		80		80		80	
		L	1044		1430		1930		1930	
		M	215		27		275		275	
		N	215		275		275		275	
		P	355		450		450		500	
		Q	395		490		490		540	
Weight(approx.) (kg)			6400		8200		10930		11080	
Traversing Rail			37kg/m		50kg/m		50kg/m		50kg/m	

※ KA □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Creep Main & Aux Hoist



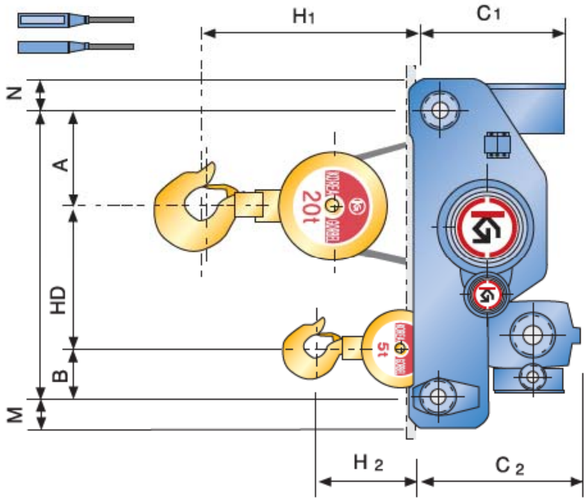


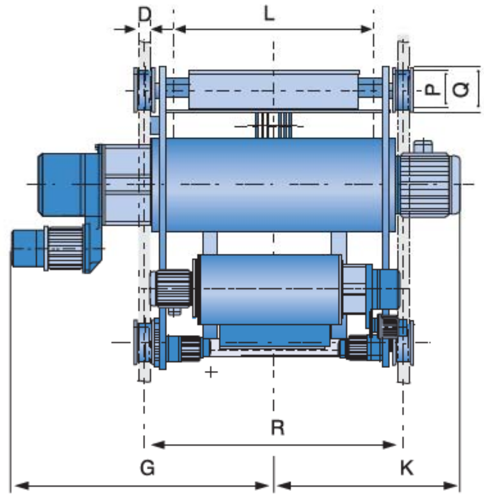
Model			KA 5/3–M		KA 7.5/3–M		KA 10/5–M		KA 15/5–M	
Capacity(ton)			5/3		7.5/3		10/5		15/5	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	50HZ	4.7/0.47	7.5/0.75	3.1/0.31	7.5/0.75	3.7/0.37	4.7/0.47	3.7/0.37	4.7/0.47
		60HZ	5.6/0.56	9/0.9	3.8/0.38	9/0.9	4.5/0.45	5.6/0.56	4.5/0.45	5.6/0.56
	Hoisting Motor (kw×P)	High Speed / Low Speed	5.5/1×6	5.5/1.1×4	5.5/1×6	5.5/1.1×4	9/1.1×8	5.5/1×6	13/1.8×8	5.5/1×6
	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37	6×37	6×37	6×37
		Dia(mm)× No. of Ropes	12.5×4	12.5×2	14×4	12.5×2	16×4	16×2	20×4	16×2
	Brake		DC Magnet Disc Brake							
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	20/24		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(HZ)	13/16		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw×P)	High Speed	0.75×4		0.75×4		0.75×4		1.5×4	
		Low Speed	0.5×6		0.5×6		0.5×6		1×6	
Dimensions (approx.) (mm)		H1	510		730		775		995	
		H2	270		350		390		365	
		R	1150		1150		1150		1200	
		HD	485		570		600		645	
		A	370		420		460		425	
		B	365		390		400		450	
		C1	550		550		695		860	
		C2	845		725		905		930	
		G	1170		1185		1275		1385	
		K	885		870		1060		165	
		W	1220		1380		1460		1520	
		D	47		58		58		58	
		L	890		852		851		872	
		M	110		110		110		130	
		N	125		120		120		140	
		P	165		165		165		180	
		Q	190		195		195		210	
Weight(approx.) (kg)			1385		1690		1950		2605	
Traversing Rail			15kg/m		15kg/m		15kg/m		22kg/m	

※ KA □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Creep Main & Aux Hoist



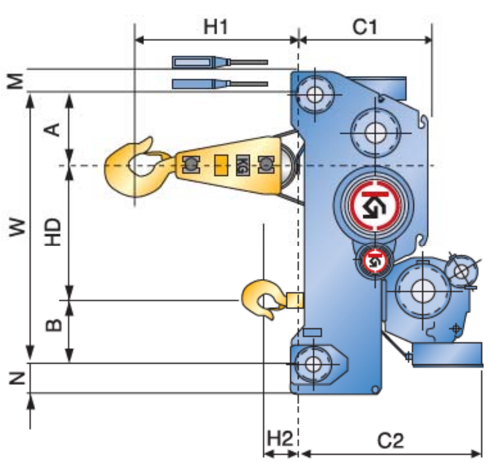


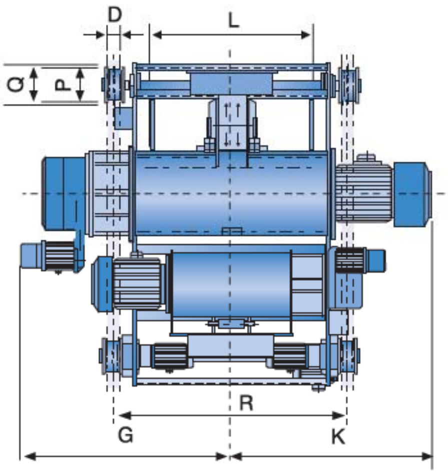
Model			KA 20/5–M		KA 20/10–M		KA 30/10–M		KA 30/15–M	
Capacity(ton)			20/5		20/10		30/10		30/15	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	50HZ	3.5/0.35	4.7/0.47	3.5/0.35	3.7/0.37	2.3/0.23	3.7/0.37	2.3/0.23	3.7/0.37
		60HZ	4.2/0.42	5.6/0.56	4.2/0.42	4.5/0.45	2.8/0.28	4.5/0.45	2.8/0.28	4.5/0.45
	Hoisting Motor (kw X P)	High Speed / Low Speed	17/1.8X8	5.5/1X6	17/1.8X8	9/1.1X8	17/1.8X8	9/1.1X8	17/1.8X8	13/1.8X8
	Wire Rope	Construction	6X37	6X37	6X37	6X37	6X37	6X37	6X37	6X37
		Dia(mm)X No. of Ropes	22.4X4	16X2	22.4X4	16X4	22.4X6	16X4	22.4X6	20X4
	Brake		DC Magnet Disc Brake							
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(HZ)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw X P)	High Speed	1.5X4		1.5X4		1.5X4(2units)		1.5X4(2units)	
		Low Speed	1X6		1X6		1X6(2units)		1X6(2units)	
Dimensions (approx.) (mm)		H1	1175		1175		1480		1480	
		H2	350		425		430		615	
		R	1300		1300		1800		1800	
		HD	700		775		1010		1010	
		A	570		575		780		780	
		B	450		630		550		550	
		C1	900		900		980		980	
		C2	935		1180		995		1115	
		G	1480		1480		1740		1740	
		K	1210		1210		1470		1470	
		W	1720		1980		2340		2340	
		D	58		58		70		70	
		L	934		934		1418		1418	
		M	170		170		160		160	
		N	170		170		180		180	
		P	220		220		250		250	
		Q	250		250		280		280	
Weight(approx.) (kg)			3070		3600		4820		5320	
Traversing Rail			22kg/m		22kg/m		30kg/m		30kg/m	

※ KA □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST A Type

Double-Rail Type Creep Main & Aux Hoist





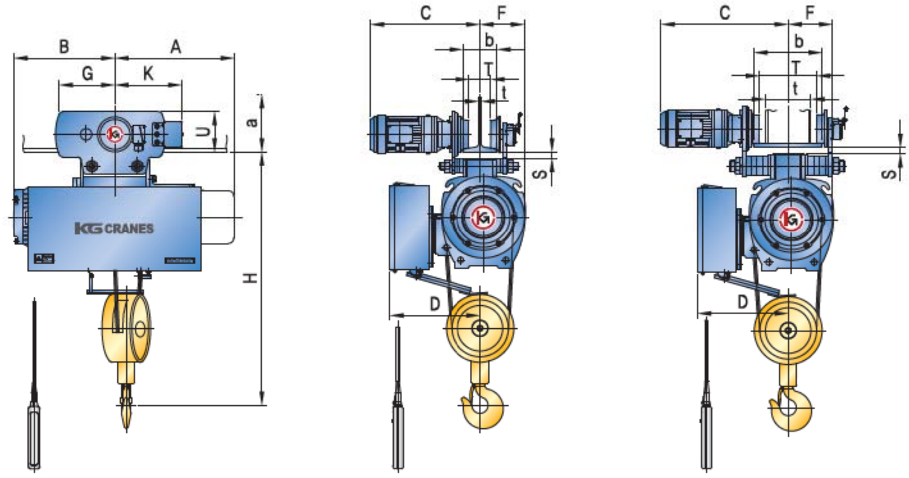
Model			KA 35/10-M		KA 50/10-M		KA 60/20-M		KA 70/20-M	
Capacity(ton)			35/10		50/10		60/20		70/20	
Hoist	Max. lift(m)		12		12		12		12	
Hoist	Hoisting Speed (m/min)	50HZ	4/0.4	3.7/0.37	2.7/0.27	3.7/0.37	2/0.2	3.5/0.5	2/0.2	3.5/0.5
Hoist	Hoisting Speed (m/min)	60HZ	4.8/0.48	4.5/0.45	3.2/0.32	4.5/0.45	2.4/0.24	4.2/0.42	2.4/0.24	4.2/0.42
Hoist	Hoisting Motor (kw X P)	High Speed / Low Speed	33/3.7X6/4	9/1.1X8	33/3.7X6/4	9/1.1X8	33/3.7X6/4	17/1.8X8	33/3.7X6/4	17/1.8X8
Hoist	Wire Rope	Construction	6XFi(25)	6X37	6XFi(25)	6X37	6XFi(25)	6X37	6XFi(25)	6X37
Hoist	Wire Rope	Dia(mm)X No. of Ropes	28X4	16X4	28X6	16X4	28X8	22.4X4	28X8	22.4X4
Hoist	Brake		DC Magnet Disc Brake							
Traversing	Traversing Speed (m/min)	High Speed 50/60(HZ)	12.5/15		12.5/15		12.5/15		12.5/15	
Traversing	Traversing Speed (m/min)	Low Speed 50/60(HZ)	8.3/10		8.3/10		8.3/10		8.3/10	
Traversing	Traversing Motor (kw X P)	High Speed	2.2X4		2.2X4(2units)		2.2X4(2units)		3.7X4(2units)	
Traversing	Traversing Motor (kw X P)	Low Speed	1.5X6		1.5X6(2units)		1.5X6(2units)		2.2X6(2units)	
Dimensions (approx.) (mm)		H1	1490		1680		1780		1780	
Dimensions (approx.) (mm)		H2	420		50		330		330	
Dimensions (approx.) (mm)		R	1600		2300		2800		2800	
Dimensions (approx.) (mm)		HD	1100		1300		1378		1378	
Dimensions (approx.) (mm)		A	740		968		968		968	
Dimensions (approx.) (mm)		B	560		657		579		579	
Dimensions (approx.) (mm)		C1	1013		1220		1220		1220	
Dimensions (approx.) (mm)		C2	1333		1460		1750		1750	
Dimensions (approx.) (mm)		G	1735		2060		2310		2310	
Dimensions (approx.) (mm)		K	1360		1715		1965		1965	
Dimensions (approx.) (mm)		W	2400		2925		2925		2925	
Dimensions (approx.) (mm)		D	70		80		80		80	
Dimensions (approx.) (mm)		L	1044		1430		1930		1930	
Dimensions (approx.) (mm)		M	215		275		275		275	
Dimensions (approx.) (mm)		N	215		275		275		275	
Dimensions (approx.) (mm)		P	355		450		450		500	
Dimensions (approx.) (mm)		Q	395		490		490		540	
Weight(approx.) (kg)			6700		8500		11290		11440	
Traversing Rail			37kg/m		50kg/m		50kg/m		50kg/m	

※ KA □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Wide-Flange Type

Regular Type - Normal/Creep (0.5~5ton)

Normal

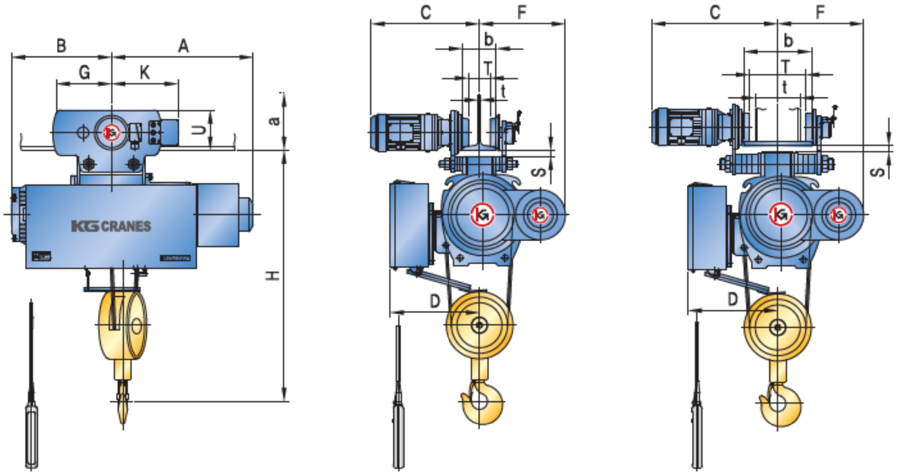


CAPACITY(TON)		1/2				1				2				2.8				3				5			
TYPE	HIGH SPEED TRAVERSING	KN0.5-H6(12)-MH				KN1-H6(12)-MH				KN2-H6(12)-MH				KN2.8-H6(12)-MH				KN3-H6(12)-MH				KN3-H6(12)-MH			
	LOW SPEED TRAVERSING	KN0.5-H6(12)-ML				KN1-H6(12)-ML				KN2-H6(12)-ML				KN2.8-H6(12)-ML				KN3-H6(12)-ML				KN3-H6(12)-ML			
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I-BEAM)	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
	I-200x100x7	385	150	38	46	385	170	38	46	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	I-250x125x7.5	395	150	30	71	395	170	30	71	445	205	24	71	445	210	23	71	445	210	23	71	455	250	398	61
	I-300x150x10	410	150	28	96	410	170	28	96	460	205	24	96	460	210	23	96	460	210	23	96	465	250	37	86
	I-450x175x13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	480	250	34	111
DIMENSIONS(APPROX)(MM)	H	705(745)				815(855)				980(1020)				1115(1155)				1115(1155)				1325(1365)			
H-BEAM,BOX TYPE DIMENSIONS (APPROX.)(MM)	ax200x100x16	435	29	146	153	435	29	146	153	528	28	146	190	527	27	146	190	527	27	146	190	548	36	136	230
	ax250x150x19	460	26	196	156	460	26	196	156	553	25	196	193	552	24	196	193	552	24	196	193	573	33	186	233
	ax300x200x22	485	23	246	159	485	23	246	159	578	22	246	196	577	21	246	196	577	21	246	196	598	30	236	236
	ax400x300x25	510	20	346	162	510	20	346	162	603	19	346	199	627	18	346	199	627	18	346	199	648	27	336	239
WEIGHT(APPROX.)(KG)		162(182)				205(233)				298(334)				399(443)				399(443)				607(642)			

※ KN □□□□-N-H□□-W Hoist Name Plate shall be typed as per above coding

※ Other specifications are the same as 38 page.

Creep



CAPACITY(TON)		1				2				2.8				3				5			
TYPE	HIGH SPEED TRAVERSING	C-KN1-H6(12)-MH				C-KN2-H6(12)-MH				C-KN2.8-H6(12)-MH				C-KN3-H6(12)-MH				C-KN5-H6(12)-MH			
	LOW SPEED TRAVERSING	C-KN1-H6(12)-ML				C-KN2-H6(12)-ML				C-KN2.8-H6(12)-ML				C-KN3-H6(12)-ML				C-KN5-H6(12)-ML			
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I-BEAM)	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
	I-200x100x7	395	38	46	144	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	I-250x125x7.5	395	30	71	153	445	26	71	183	445	25	71	182	445	25	71	182	455	37	61	222
	I-300x150x10	410	28	96	156	460	24	96	182	460	23	96	182	460	23	96	182	465	32	86	224
	I-450x175x13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	480	32	111	228
DIMENSIONS(APPROX)(MM)	H	815(855)				980(1020)				1115(1155)				1115(1155)				1325(1365)			
H-BEAM,BOX TYPE DIMENSIONS (APPROX.)(MM)	ax200x100x16	435	29	146	153	528	28	146	190	527	27	146	190	527	27	146	190	548	36	136	230
	ax250x150x19	460	26	196	156	553	25	196	193	552	24	196	193	552	24	196	193	573	33	186	233
	ax300x200x22	485	23	246	159	578	22	246	196	577	21	246	196	577	21	246	196	598	30	236	236
	ax400x300x25	510	20	346	162	603	19	346	199	627	18	346	199	627	18	346	199	648	27	336	239
WEIGHT(APPROX.)(KG)		240(260)				340(375)				440(485)				440(485)				665(730)			

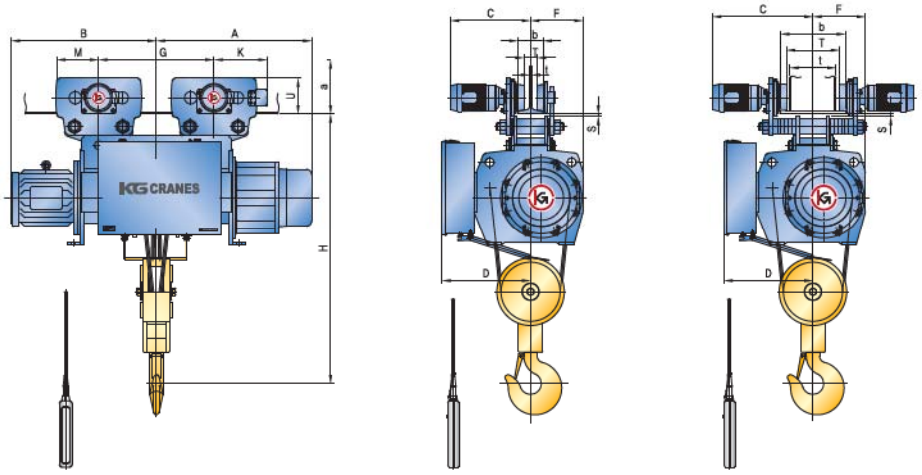
※ KN □□□□-C-H□□-W Hoist Name Plate shall be typed as per above coding

※ Other specifications are the same as 46 page.

WIRE HOIST Wide-Flange Type

Regular Type - Normal/Creep (7.5~20ton)

Normal

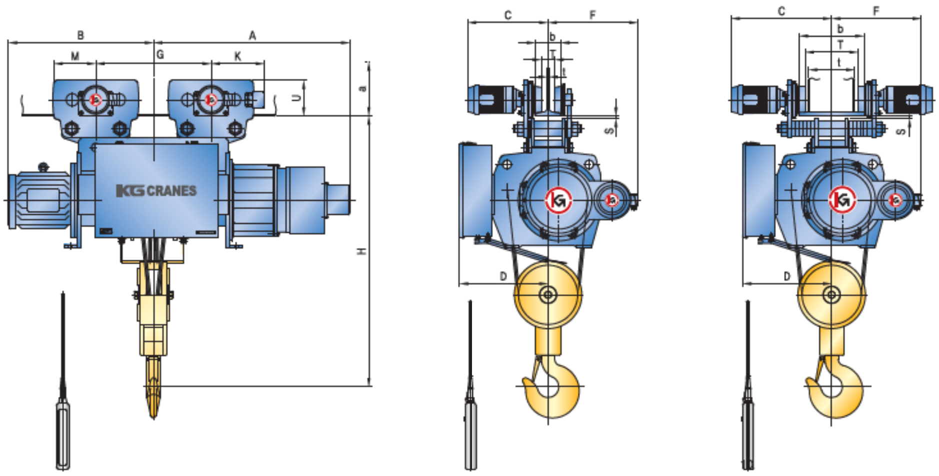


CAPACITY(TON)			7.5				10				15				20			
TYPE	HIGH SPEED TRAVERSING		KN7.5-H6(12)-MH				KN10-H6(12)-MH				KN15-H6(12)-MH				KN20-H6(12)-MH			
	LOW SPEED TRAVERSING		KN7.5-H6(12)-ML				KN10-H6(12)-ML				KN15-H6(12)-ML				KN20-H6(12)-ML			
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)		axbxt(I-BEAM)	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
		I-300x150x10	500	35	68	224	485	35	68	224	–	–	–	–	–	–	–	–
		I-450x175x13	510	20	93	228	490	30	93	228	580	32	77	248	580	32	77	248
		I-600x190x13	520	25	118	232	495	25	118	232	590	32	92	248	590	32	92	248
DIMENSIONS(APPROX)(MM)		H	1510				1570				1930				2175			
H-BEAM,BOX TYPE DIMENSIONS (APPROX.)(MM)		ax250x110x25	577	35	168	239	577	35	168	239	690	35	152	260	690	35	152	260
		ax300x160x28	602	32	218	242	602	32	218	242	715	32	177	263	715	32	177	263
		ax400x260x30	652	30	318	244	652	30	318	244	765	30	227	265	765	30	227	265
		ax500x360x35	702	25	418	249	702	25	418	249	815	25	277	270	815	25	277	270
WEIGHT(APPROX.)(KG)			930				1240				2065				2470			

※ KN □□□□-N-H□□-W Hoist Name Plate shall be typed as per above coding

※ Other specifications are the same as 39 page.

Creep



CAPACITY(TON)			7.5				10				15				20			
TYPE	HIGH SPEED TRAVERSING		C-KN7.5-H6(12)-MH				C-KN10-H6(12)-MH				C-KN15-H6(12)-MH				C-KN20-H6(12)-MH			
	LOW SPEED TRAVERSING		C-KN7.5-H6(12)-ML				C-KN10-H6(12)-ML				C-KN15-H6(12)-ML				C-KN20-H6(12)-ML			
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)		axbxt(I-BEAM)	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
		I-300x150x10	500	35	68	224	475	35	68	224	–	–	–	–	–	–	–	–
		I-450x175x13	510	30	93	228	490	30	93	228	580	32	77	248	580	32	77	248
		I-600x190x13	520	32	118	227	495	32	118	227	587	37	92	243	587	37	92	243
DIMENSIONS(APPROX)(MM)		H	1510				1570				1930				2175			
H-BEAM,BOX TYPE DIMENSIONS (APPROX.)(MM)		ax250x110x25	577	35	168	239	577	35	168	239	690	35	152	260	690	35	152	260
		ax300x160x28	602	32	218	242	602	32	218	242	715	32	177	263	715	32	177	263
		ax400x260x30	652	30	318	244	652	30	318	244	765	30	227	265	765	30	227	265
		ax500x360x35	702	25	418	249	702	25	418	249	815	25	277	270	815	25	277	270
WEIGHT(APPROX.)(KG)			970				1310				2215				2560			

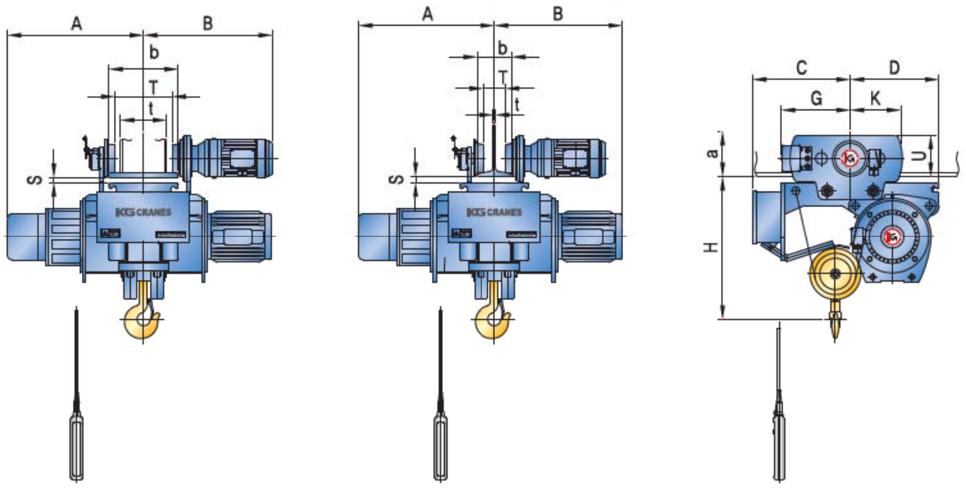
※ KN □□□□-C-H□□-W Hoist Name Plate shall be typed as per above coding

※ Other specifications are the same as 47 page.

WIRE HOIST Wide-Flange Type

Low Head Type - Normal/Creep (0.5~5ton)

Normal

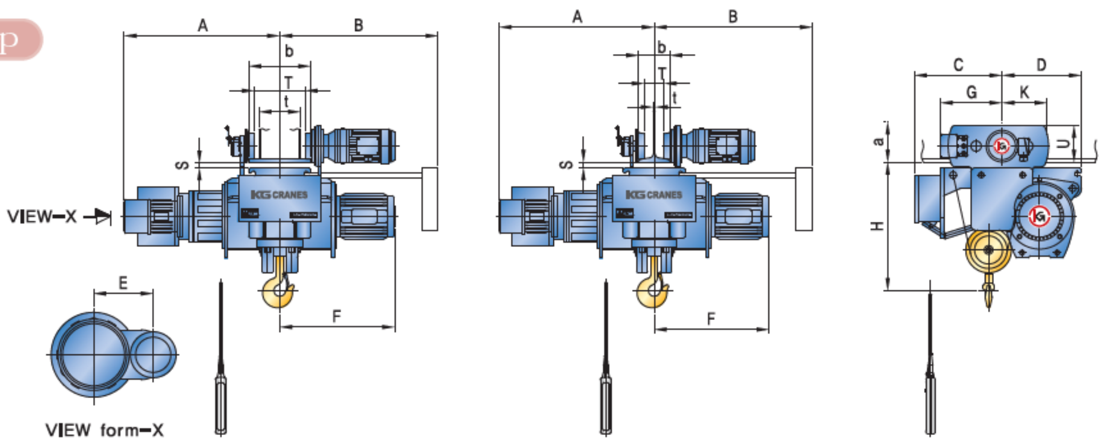


CAPACITY(TON)		1/2			1			2			2.8			3			5		
TYPE	HIGH SPEED TRAVERSING	KL0.5-H6-MH			KL1-H6-MH			KL2-H6-MH			KL2.8-H6-MH			KL3-H6-MH			KL5-H6-MH		
	LOW SPEED TRAVERSING	KL0.5-H6-ML			KL1-H6-ML			KL2-H6-ML			KL2.8-H6-ML			KL3-H6-ML			KL5-H6-ML		
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I-BEAM)	S	T	U	S	T	U	S	T	U	S	T	U	S	T	U	S	T	U
	I-200x100x7	38	46	144	38	46	144	–	–	–	–	–	–	–	–	–	–	–	–
	I-250x125x7.5	30	71	153	30	71	153	22	71	182	23	71	18	22	371	182	–	–	–
	I-300x150x13	28	96	155	30	71	153	22	96	182	23	96	182	23	96	182	26	86	224
	I-450x175x13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23	111	228
DIMENSIONS(APPROX)(MM)	H	600			600			670			670			670			870		
H-BEAM,BOX TYPE DIMENSIONS (APPROX.)(MM)	ax200x100x16	39	146	153	39	146	153	29	146	190	30	146	190	30	146	190	35	136	230
	ax250x150x19	36	196	156	36	196	156	26	196	193	27	196	193	27	196	193	32	186	233
	ax300x200x22	33	246	159	33	246	159	23	246	196	24	246	196	24	246	196	29	236	236
	ax400x300x25	30	346	162	30	346	162	20	296	199	21	346	199	21	346	199	26	336	239
WEIGHT(APPROX.)(KG)		190			220			375			470			470			770		

※ KL □□□□-N-H□□-W Hoist Name Plate shall be typed as per above coding

※ Other specifications are the same as 43 page.

Creep



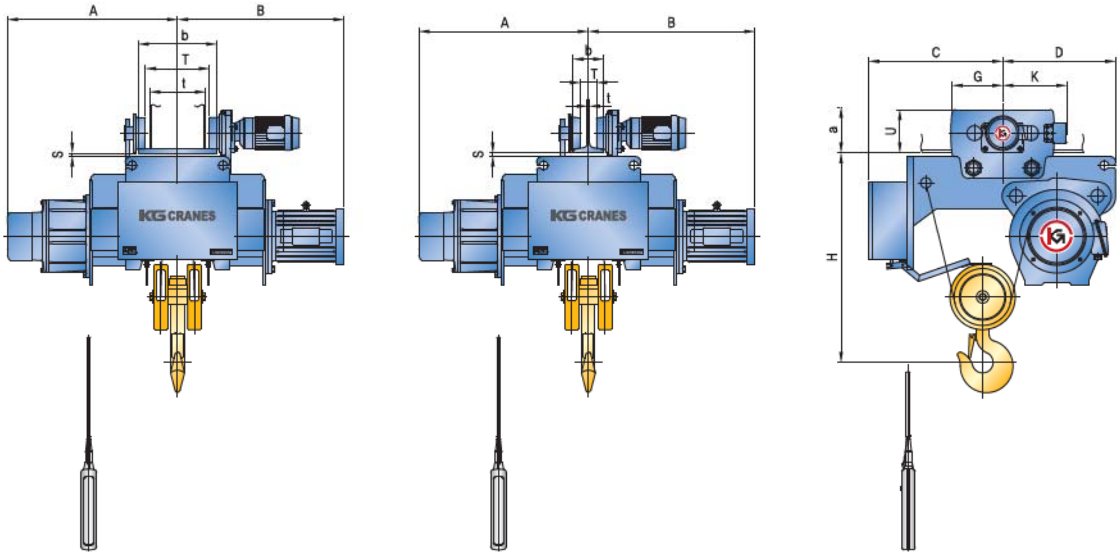
CAPACITY(TON)		1			2			2.8			3			5		
TYPE	HIGH SPEED TRAVERSING	C-KL1-H6-MH			C-KL2-H6-MH			C-KL2.8-H6-MH			C-KL3-H6-MH			C-KL5-H6-MH		
	LOW SPEED TRAVERSING	C-KL1-H6-ML			C-KL2-H6-ML			C-KL2.8-H6-ML			C-KL3-H06-ML			C-KL5-H6-ML		
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I-BEAM)	S	T	U	S	T	U	S	T	U	S	T	U	S	T	U
	I-200x100x7	38	46	144	33	46	172	–	–	–	–	–	–	–	–	–
	I-250x125x7.5	30	71	153	24	71	182	25	71	182	23	71	182	–	–	–
	I-300x150x13	28	96	155	22	96	182	23	96	182	23	96	182	37	86	224
	I-450x175x13	–	–	–	–	–	–	–	–	–	–	–	–	34	111	228
DIMENSIONS(APPROX)(MM)	H	600			670			670			670			870		
H-BEAM,BOX TYPE DIMENSIONS (APPROX.)(MM)	ax200x100x16	39	146	153	29	146	190	30	146	190	30	146	190	35	136	230
	ax250x150x19	36	196	156	26	196	193	27	196	193	27	196	193	32	186	233
	ax300x200x22	33	246	159	23	246	196	24	246	196	24	246	196	29	236	236
	ax400x300x25	30	346	162	20	296	199	21	346	199	21	346	199	26	336	239
WEIGHT(APPROX.)(KG)		290			460			570			570			805		

※ KL □□□□-C-H□□-W Hoist Name Plate shall be typed as per above coding

※ Other specifications are the same as 48 page.

WIRE HOIST Wide-Flange Type

Low Head Type - Normal (7.5~10ton)

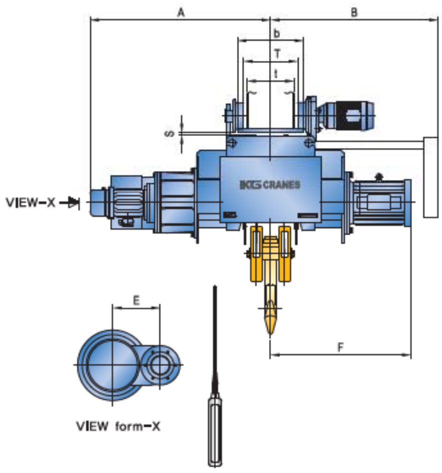


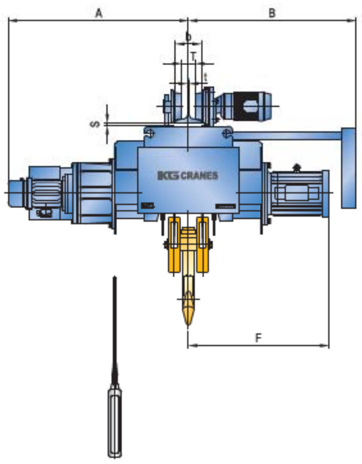
CAPACITY(TON)			7.5			10		
TYPE	HIGH SPEED TRAVERSING		KL7.5-H6-MH			KL10-H6-MH		
	LOW SPEED TRAVERSING		KL7.5-H6-ML			KL10-H6-ML		
HOIST	MAX. LIFT(M)		6			6		
	HOISTING SPEED (M/MIN)	HIGH SPEED 50/60(Hz)	3.1/3.8			3.7/4.5		
		LOW SPEED 50/60(Hz)	2.3/2.8			2.5/3.0		
	HOISTING MOTOR (KW x P)	HIGH SPEED	5.5x6			9x8		
		LOW SPEED	4.2x8			6x12		
	WIRE ROPE	CONSTRUCTION	6x37			6x37		
		DIA OF ROPE	14x4			16x4		
	BRAKE		DC MAGNET DISC					
TRAVERSING	TRAVERSING SPEED (M/MIN)	HIGH SPEED 50/60(Hz)	12.5/15			12.5/15		
		LOW SPEED 50/60(Hz)	8.3/10			8.3/10		
	TRAVERSING MOTOR (KWxP)	HIGH SPEED	0.75x4			0.75x4		
		LOW SPEED	0.5x6			0.5x6		
DIMENSIONS(APPROX)(MM)		H	1250			1290		
		A	845			905		
		B	789			885		
		C	720			750		
		D	660			690		
		G	300			300		
		K	375			375		
		E	323			323		
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)		axbxt(I-BEAM)	S	T	U	S	T	U
		I-450x175x13	32	77	248	37	92	243
		I-600x190x13	37	92	243	37	92	243
H-BEAM,BOX TYPE DIMENSIONS (APPROX.)(MM)		ax250x110x25	35	152	260	35	152	260
		ax300x160x28	32	202	263	32	202	263
		ax400x260x30	30	302	265	30	302	265
		ax500x360x35	25	402	270	25	402	270
WEIGHT(APPROX.)(KG)			860			1160		

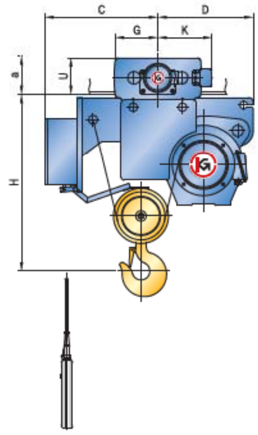
※ KL □□□□-N-H□□-W Hoist Name Plate shall be typed as per above coding

WIRE HOIST Wide-Flange Type

Low Head Type - Creep (7.5~10ton)







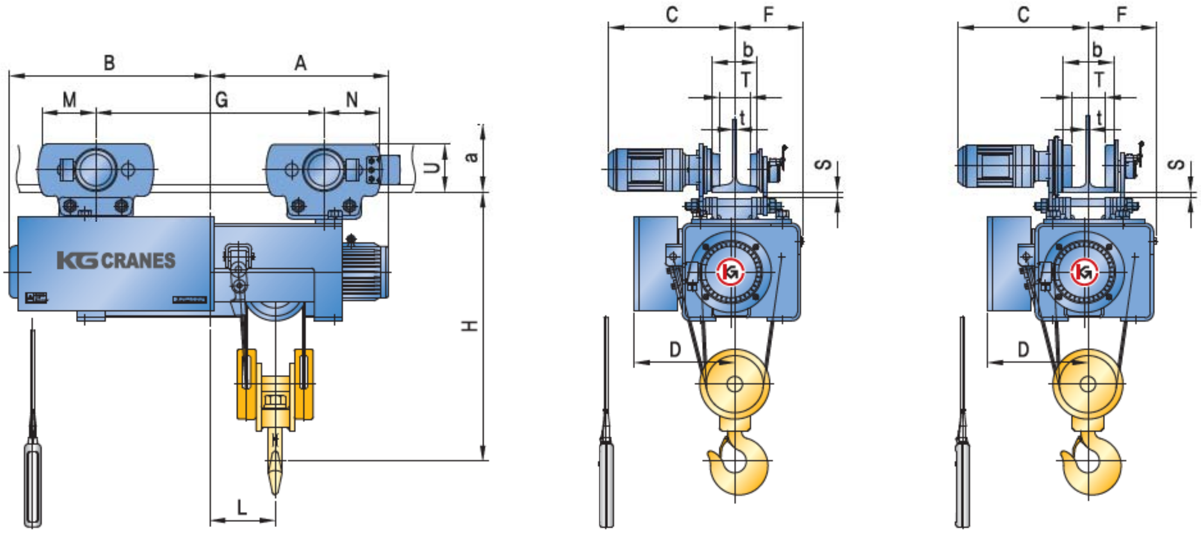
CAPACITY(TON)			7.5			10		
TYPE	HIGH SPEED TRAVERSING		C-KL7.5-H6-MH			C-KL10-H6-MH		
	LOW SPEED TRAVERSING		C-KL7.5-H6-ML			C-KL10-H6-ML		
HOIST	MAX. LIFT(M)		6			6		
	HOISTING SPEED(M/MIN) HIGH/CREEP SPEED	50Hz	3.1/0.31			3.7/0.37		
		60HZ	3.8/0.38			4.5/0.45		
	HOISTING MOTOR (KW x P)	HIGH SPEED	5.5x6			9x8		
		CREEP SPEED	1.0x6			1.1X8		
	WIRE ROPE	CONSTRUCTION	6x37			6x37		
		DIA OF ROPE	14x4			16x4		
	BRAKE		DC MAGNET DISC					
TRAVERSING	TRAVERSING SPEED (M/MIN)	HIGH SPEED 50/60(Hz)	12.5/15			12.5/15		
		LOW SPEED 50/60(Hz)	8.3/10			8.3/10		
	TRAVERSING MOTOR (KWxP)	HIGH SPEED	0.75x4			0.75x4		
		LOW SPEED	0.5x6			0.5x6		
DIMENSIONS(APPROX)(MM)		H	1250			1290		
		A	1099			1205		
		B	789			885		
		C	720			750		
		D	660			690		
		G	300			300		
		K	375			375		
		E	323			323		
		F	800			985		
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)		axbxt(I-BEAM)	S	T	U	S	T	U
		I-450x175x13	32	77	248	37	92	243
		I-600x190x13	37	92	243	37	92	243
H-BEAM,BOX TYPE DIMENSIONS (APPROX.)(MM)		ax250x110x25	35	152	260	35	152	260
		ax300x160x28	32	202	263	32	202	263
		ax400x260x30	30	302	265	30	302	265
		ax500x360x35	25	402	270	25	402	270
WEIGHT(APPROX.)(KG)			920			1230		

※ KL □□□□-C-H□□-W Hoist Name Plate shall be typed as per above coding

MEMO

WIRE HOIST Special Type

Regular Type - Normal (4~10ton)



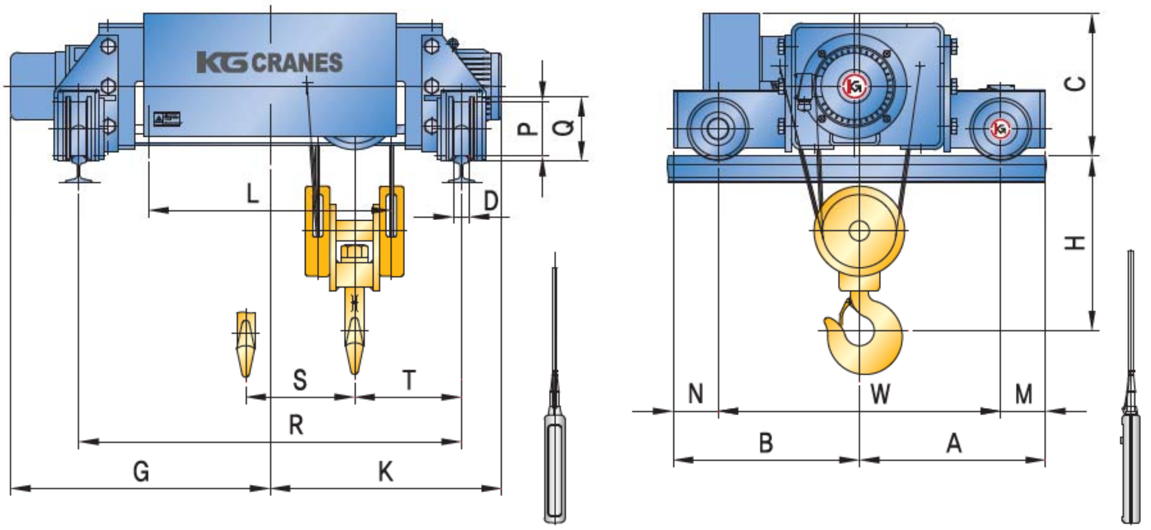
Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High–High	KSN04–H06–MH	KSN06–H06–MH	KSN08–H06–MH	KSN10–H06–MH
		High–Low	KSN04–H06–ML	KSN06–H06–ML	KSN08–H06–ML	KSN10–H06–ML
		Low–High	KSN04–L06–MH	KSN06–L06–MH	KSN08–L06–MH	KSN10–L06–MH
		Low–Low	KSN04–L06–ML	KSN06–L06–ML	KSN08–L06–ML	KSN10–L06–ML
Hoist	Max. Lift(m)		6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.2/5.0	3.8/4.5	2.3/2.8	2.3/2.8
		Low Speed 50/60(Hz)	2.1/2.5	2.0/2.3	1.8/2.1	1.8/2.1
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Low Speed	1.8x8	2.8x8	4.2x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	1050	1050	1390	1390
		A	504(701)	564(771)	580(772)	606(821)
		B	588(785)	598(805)	685(877)	711(926)
		D	425	475	540	560
		G	520(920)	550(960)	530(910)	580(1010)
		M	260	260	275	275
		N	225	225	275	275
		L	67(186)	67(274)	65(203)	55(270)

Capacity(Ton)		4					6					8					10				
I–BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I–BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	I–300x150x19t~	515	267	24	96	182	515	267	23	96	122	–	–	–	–	–	–		–	–	–
	I–450x175x26t~	528	267	22	121	127	528	267	21	121	127	535	351	34	111	228	535	351	34	111	228
	I–600x190x25t~	–	–	–	–	–	–	–	–	–	–	543	351	32	118	230	543	351	32	118	230
H–BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(H–BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	H–Hx150x20t~	515	267	24	96	184	515	267	21	121	182	–	–	–	–	–	–		–	–	–
	H–Hx200x26t~	540	267	21	146	191	540	267	15	171	191	535	351	31	111	232	560	351	34	128	231
	H–Hx300x30t~	–	–	–	–	–	–	–	–	–	–	560	351	27	211	236	610	351	28	228	235
Min.Radius of curvature(m)		For Straight Only(Curvature Hinge Type Option)																			
Weight(approx)(kg)		334(374)					404(480)					658(720)					678(740)				

※ KSN □□□□-N-H□□-W Hoist Name Plate shall be typed as per above coding

WIRE HOIST Special Type

Double Low Head Type - Normal (4~10ton)

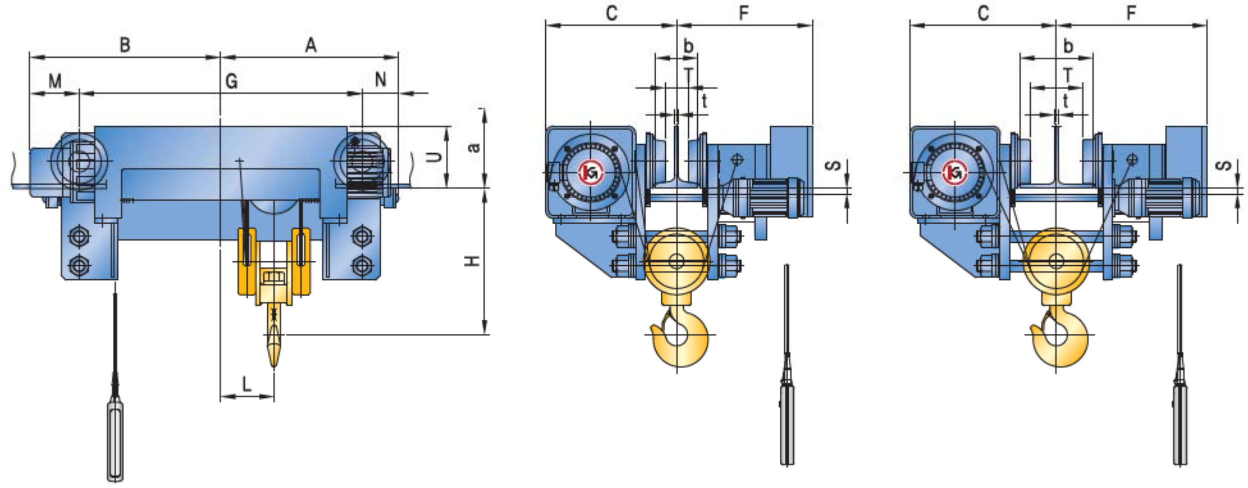


Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High-High	KSD04-H12-MH	KSD06-H12-MH	KSD08-H12-MH	KSD10-H12-MH
		High-Low	KSD04-H12-ML	KSD06-H12-ML	KSD08-H12-ML	KSD10-H12-ML
		Low-High	KSD04-L12-MH	KSD06-L12-MH	KSD08-L12-MH	KSD10-L12-MH
		Low-Low	KSD04-L12-ML	KSD06-L12-ML	KSD08-L12-ML	KSD10-L12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.2/5.0	3.8/4.5	2.3/2.8	2.3/2.8
		Low Speed 50/60(Hz)	2.1/2.5	2.0/2.3	1.8/2.1	1.8/2.1
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Low Speed	1.8x8	2.8x8	4.2x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	510	510	755	755
		R	1150	1150	1150	1150
		A	560	560	705	705
		B	560	560	705	705
		C	430	430	615	615
		G	786	830	874	926
		K	702	746	769	821
		W	850	850	1070	1070
		D	47	47	58	58
		L	767	798	732	824
		M	135	135	170	170
		N	135	135	170	170
		P	Ø165	Ø165	Ø165	Ø165
		Q	Ø195	Ø165	Ø195	Ø195
		T	334	334	374	382
		S	519	536	472	537
Weight(approx.)(kg)			490	590	910	925
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ KSD □□□□-N-H□□-W Hoist Name Plate shall be typed as per above coding

WIRE HOIST Special Type

Low Head Type - Normal (4~10ton)

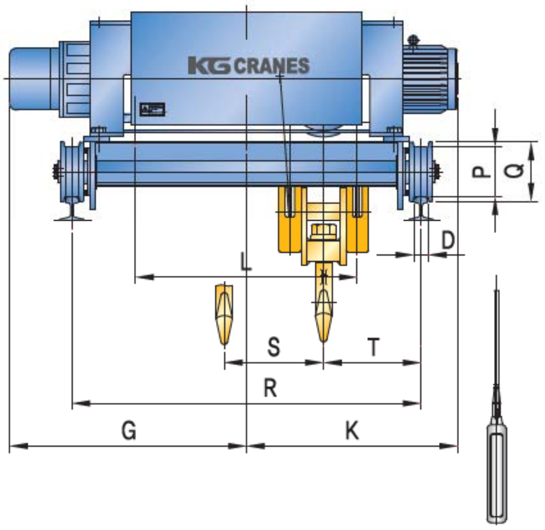


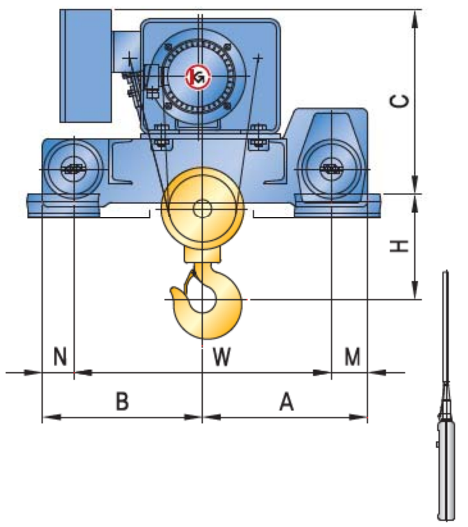
Capacity(Ton)			4					6					8					10				
Type	Hoisting Speed	High–High	KSL04–H06–MH					KSL06–H06–MH					KSL08–H06–MH					KSL10–H06–MH				
		High–Low	KSL04–H06–ML					KSL06–H06–ML					KSL08–H06–ML					KSL10–H06–ML				
		Low–High	KSL04–L06–MH					KSL06–L06–MH					KSL08–L06–MH					KSL10–L06–MH				
		Low–Low	KSL04–L06–ML					KSL06–L06–ML					KSL08–L06–ML					KSL10–L06–ML				
Hoist	Max. Lift(m)		6(12)					6(12)					6(12)					6(12)				
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.2/5.0					3.8/4.5					2.3/2.8					2.3/2.8				
		Low Speed 50/60(Hz)	2.1/2.5					2.0/2.3					1.8/2.1					1.8/2.1				
	Hoisting Motor (Kw x P)	High Speed	3.7x4					5.5x4					5.5x6					5.5x6				
		Low Speed	1.8x8					2.8x8					4.2x8					4.2x8				
	Wire Rope	Construction	6x37					6x37					6x37					6x37				
		Dia.(min)x no. of Ropes	Ø10x4 Falls					Ø12.5x4 Falls					Ø14x4 Falls					Ø16x4 Falls				
	Brake		DC Magnet Disc Brake																			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24					20/24					20/24					20/24				
		Low Speed 50/60(Hz)	13/16					13/16					13/16					13/16				
	Traversing Motor (Kw x P)	High Speed	0.75x4					0.75x4					0.75x4					0.75x4				
		Low Speed	0.5x6					0.5x6					0.5x6					0.5x6				
	Brake		DC Magnet Disc Brake																			
Dimensions(approx)(mm)		H	600					600					800					800				
		A	534(731)					594(801)					610(802)					636(851)				
		B	588(785)					598(805)					685(877)					711(926)				
		G	770(1170)					790(1200)					770(1160)					830(1260)				
		M	203(200)					203(205)					300(297)					296(296)				
		N	149(146)					199(201)					225(222)					221(221)				
		L	67(186)					67(274)					65(203)					55(270)				
I–BEAM TYPE DIMENSIONS (APPROX.)(MM)		axbxt(I–BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
		I–300x150x19t~	565	585	25	68	266	565	585	25	68	266	–	–	–	–	–	–	–	–	–	–
		I–450x175x26t~	578	598	18	93	273	578	598	18	93	273	683	683	20	93	333	683	683	20	93	333
		I–600x190x25t~	–	–	–	–	–	–	–	–	–	–	691	691	19	108	332	691	691	19	108	332
H–BEAM TYPE DIMENSIONS (APPROX.)(MM)		axbxt(H–BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
		H–Hx150x20t~	565	585	25	68	265	565	585	25	68	265	–	–	–	–	–	–	–	–	–	–
		H–Hx200x26t~	590	610	19	118	271	590	610	19	118	271	696	696	20	118	327	696	696	20	118	327
		H–Hx300x30t~	–	–	–	–	–	–	–	–	–	–	746	746	16	218	331	746	746	16	218	331
Min.Radius of curvature(m)			For Straight Only																			
Weight(approx)(kg)			349(389)					419(495)					678(740)					698(760)				

※ KSL □□□□-N-H□□-W Hoist Name Plate shall be typed as per above coding

WIRE HOIST Special Type

Double Rail Type - Normal (4~10ton)



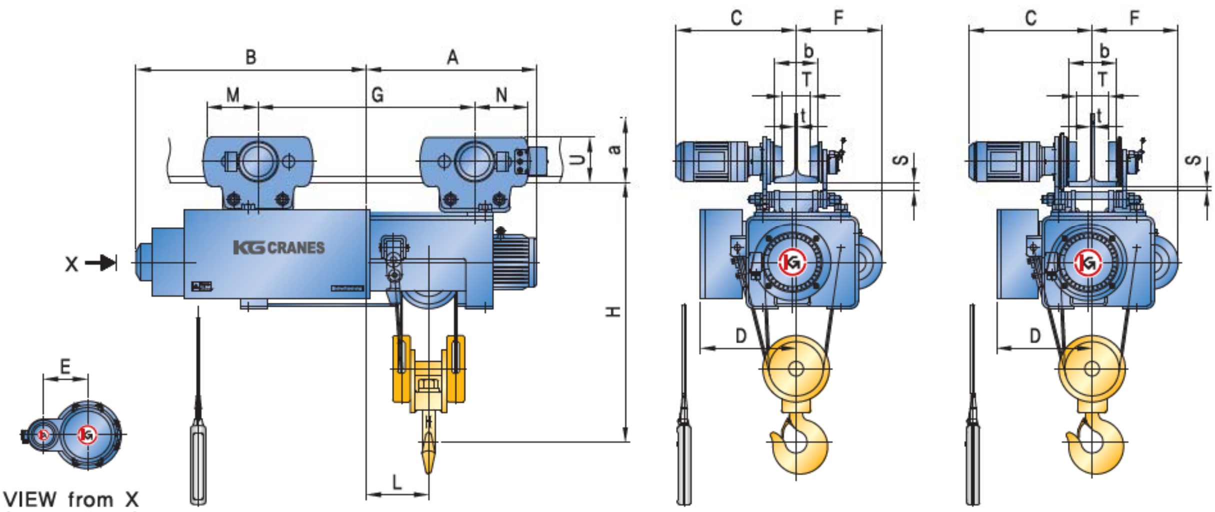


Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High–High	KSD04–H12–MH	KSD06–H12–MH	KSD08–H12–MH	KSD10–H12–MH
		High–Low	KSD04–H12–ML	KSD06–H12–ML	KSD08–H12–ML	KSD10–H12–ML
		Low–High	KSD04–L12–MH	KSD06–L12–MH	KSD08–L12–MH	KSD10–L12–MH
		Low–Low	KSD04–L12–ML	KSD06–L12–ML	KSD08–L12–ML	KSD10–L12–ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.2/5.0	3.8/4.5	2.3/2.8	2.3/2.8
		Low Speed 50/60(Hz)	2.1/2.5	2.0/2.3	1.8/2.1	1.8/2.1
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Low Speed	1.8x8	2.8x8	4.2x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	350	350	580	580
		R	1150	1150	1150	1150
		A	544	544	654	654
		B	528	528	638	638
		C	580	620	750	750
		G	786	830	874	926
		K	702	746	769	821
		W	850	850	1050	1050
		D	47	47	58	58
		L	767	798	732	824
		M	119	119	129	129
		N	103	103	113	113
		P	Ø165	Ø165	Ø165	Ø165
		Q	Ø195	Ø165	Ø195	Ø195
		T	334	334	374	382
		S	519	536	472	537
Weight(approx.)(kg)			550	560	980	1010
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ KSD □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Special Type

Regular Type - Creep (4~10ton)



VIEW from X
(Creep Side)

Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High-HIGH	C-KSN04-H06-MH	C-KSN06-H06-MH	C-KSN08-H06-MH	C-KSN10-H06-MH
		High-Low	C-KSN04-H06-ML	C-KSN06-H06-ML	C-KSN08-H06-ML	C-KSN10-H06-ML
Hoist	Max. Lift(m)		6(12)	6(12)	6(12)	6(12)
	Hoisting Speed(m/min) High/Creep	50Hz	4.2/0.42	3.8/0.38	2.3/0.23	2.3/0.23
		60Hz	5.0/0.5	4.5/0.45	2.8/0.28	2.8/0.28
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Creep Speed	0.4x4	1.1x4	1.0x6	1.0x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	1050	1050	1390	1390
		A	504(701)	564(771)	580(772)	606(821)
		B	753(950)	833(1040)	920(1112)	946(1161)
		D	425	475	540	560
		G	520(920)	550(960)	530(910)	580(1010)
		M	260	260	275	275
		N	225	225	275	275
		L	67(186)	67(274)	225(222)	55(270)
		E	375	555	655	655

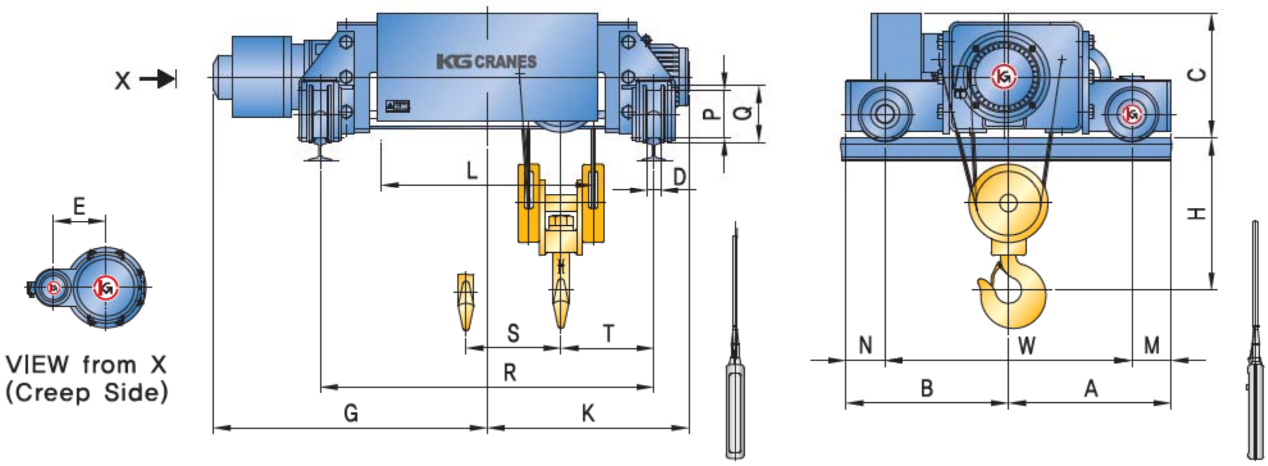
		4					6					8					10				
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	I-300x150x19t~	515	267	24	96	182	515	267	23	96	122	-	-	-	-	-	-	-	-	-	-
	I-450x175x26t~	528	267	22	121	127	528	267	21	121	127	535	351	34	111	228	535	351	34	111	228
	I-600x190x25t~	-	-	-	-	-	-	-	-	-	-	543	351	32	118	230	543	351	32	118	230
H-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(H-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	H-Hx150x20t~	515	267	24	96	184	515	267	21	121	182	-	-	-	-	-	-	-	-	-	-
	H-Hx200x26t~	540	267	21	146	191	540	267	15	171	191	535	351	31	111	232	560	351	34	128	231
	H-Hx300x30t~	-	-	-	-	-	-	-	-	-	-	560	351	27	211	236	610	351	28	228	235

	4	6	8	10
Min.Radius of curvature(m)	For Straight Only(Curvature Hinge Type Option)			
Weight(approx)(kg)	374(404)	444(520)	708(770)	728(790)

※ KSN □□□□-C-H□□-W Hoist Name Plate shall be typed as per above coding

WIRE HOIST Special Type

Double Low Head Type - Creep (4~10ton)

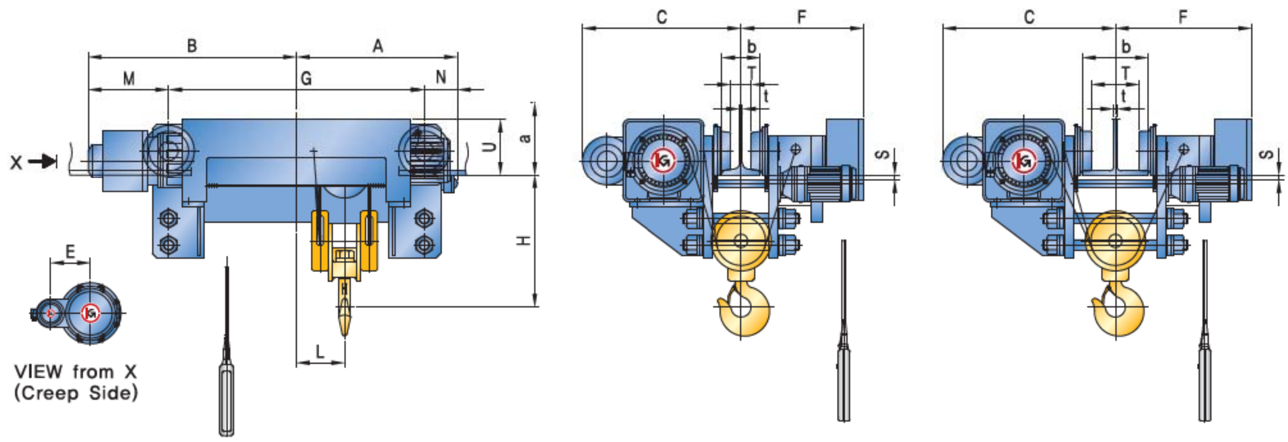


Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High-HIGH	C-KSP04-H12-MH	C-KSP06-H12-MH	C-KSP08-H12-MH	C-KSP10-H12-MH
		High-Low	C-KSP04-H12-ML	C-KSP06-H12-ML	C-KSP08-H12-ML	C-KSP10-H12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed(m/min) High/Creep	50Hz	4.2/0.42	3.8/0.38	2.3/0.23	2.3/0.23
		60Hz	5.0/0.5	4.5/0.45	2.8/0.28	2.8/0.28
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Creep Speed	0.4x4	1.1x4	1.0x6	1.0x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	510	510	755	755
		R	1150	1150	1150	1150
		A	560	560	705	705
		B	560	560	705	705
		C	430	430	615	615
		G	950	1040	1112	1161
		K	702	746	769	821
		W	850	850	1070	1070
		D	47	47	58	58
		L	767	798	732	824
		M	135	135	170	170
		N	135	135	170	170
		P	Ø165	Ø165	Ø165	Ø165
		Q	Ø195	Ø165	Ø195	Ø195
		E	375	375	425	425
		T	334	334	374	382
		S	519	536	472	537
Weight(approx.)(kg)			530	540	960	975
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ KSP □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Special Type

Low Head Type - Creep (4~10ton)



Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High-HIGH	C-KSL04-H06-MH	C-KSL06-H06-MH	C-KSL08-H06-MH	C-KSL10-H06-MH
		High-Low	C-KSL04-H06-ML	C-KSL06-H06-ML	C-KSL08-H06-ML	C-KSL10-H06-ML
Hoist	Max. Lift(m)		6(12)	6(12)	6(12)	6(12)
	Hoisting Speed(m/min) High/Creep	50Hz	4.2/0.42	3.8/0.38	2.3/0.23	2.3/0.23
		60Hz	5.0/0.5	4.5/0.45	2.8/0.28	2.8/0.28
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Creep Speed	0.4x4	1.1x4	1.0x6	1.0x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	600	600	800	800
		A	534(731)	594(801)	610(802)	636(851)
		B	753(950)	833(1040)	920(1112)	946(1161)
		G	770(1170)	790(1200)	770(1160)	830(1260)
		M	203(200)	203(205)	300(297)	296(296)
		N	149(146)	199(201)	225(222)	221(221)
		L	67(186)	67(274)	65(203)	55(270)
		E	375	555	655	655

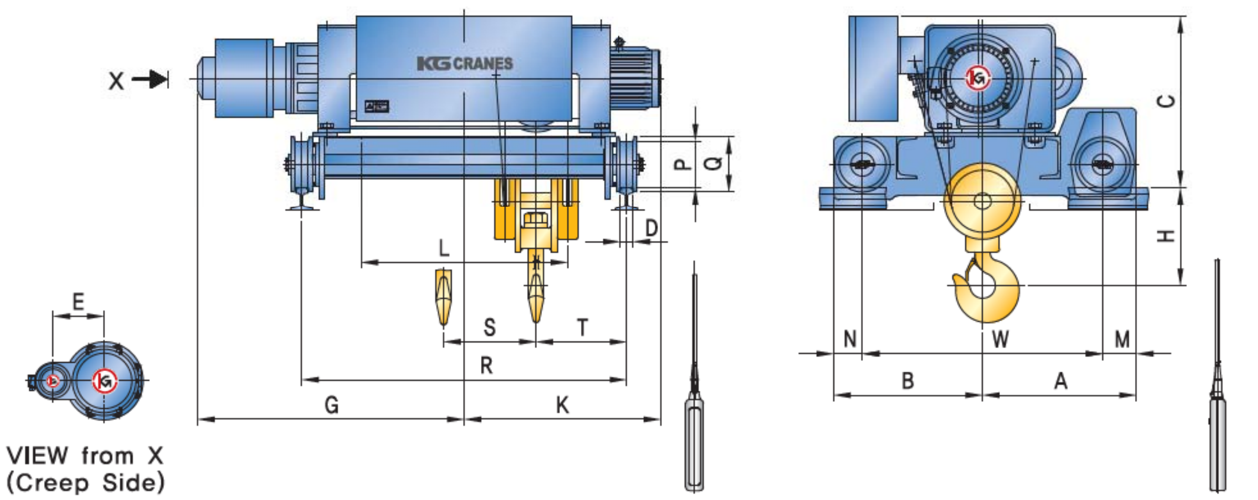
Capacity(Ton)		4					6					8					10				
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	I-300x150x19t~	565	585	25	68	266	565	585	25	68	266	–	–	–	–	–	–	–	–	–	–
	I-450x175x26t~	578	598	18	93	273	578	598	18	93	273	683	683	20	93	333	683	683	20	93	333
	I-600x190x25t~	–	–	–	–	–	–	–	–	–	–	691	691	19	108	332	691	691	19	108	332
H-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(H-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	H-Hx150x20t~	565	585	25	68	265	565	585	25	68	265	–	–	–	–	–	–	–	–	–	–
	H-Hx200x26t~	590	610	19	118	271	590	610	19	118	271	696	696	20	118	327	696	696	20	118	327
	H-Hx300x30t~	–	–	–	–	–	–	–	–	–	–	746	746	16	218	331	746	746	16	218	331

Capacity(Ton)	4	6	8	10
Min.Radius of curvature(m)	For Straight Only			
Weight(approx)(kg)	389(429)	459(535)	728(790)	748(800)

※ KSL □□□□-C-H□□-W Hoist Name Plate shall be typed as per above coding

WIRE HOIST Special Type

Double Rail Type - Creep (4~10ton)



Capacity(Ton)				4	6	8	10
Type	Hoisting Speed	High–HIGH		C–KSD04–H12–MH	C–KSD06–H12–MH	C–KSD08–H12–MH	C–KSD10–H12–MH
		High–Low		C–KSD04–H12–ML	C–KSD06–H12–ML	C–KSD08–H12–ML	C–KSD10–H12–ML
Hoist	Max. Lift(m)			12	12	12	12
	Hoisting Speed(m/min) High/Creep		50Hz	4.2/0.42	3.8/0.38	2.3/0.23	2.3/0.23
			60Hz	5.0/0.5	4.5/0.45	2.8/0.28	2.8/0.28
	Hoisting Motor (Kw x P)	High Speed		3.7x4	5.5x4	5.5x6	5.5x6
		Creep Speed		0.4x4	1.1x4	1.0x6	1.0x6
	Wire Rope	Construction		6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes		Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake			DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)		20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)		13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed		0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed		0.5x6	0.5x6	0.5x6	0.5x6
	Brake			DC Magnet Disc Brake			
Dimensions(approx)(mm)		H		350	350	580	580
		R		1150	1150	1150	1150
		A		544	544	654	654
		B		528	528	638	638
		C		580	620	750	750
		G		950	1040	1112	1161
		K		702	746	769	821
		W		850	850	1050	1050
		D		47	47	58	58
		L		767	798	732	824
		M		119	119	129	129
		N		103	103	113	113
		P		Ø165	Ø165	Ø165	Ø165
		Q		Ø195	Ø165	Ø195	Ø195
		E		375	375	425	425
		T		334	334	374	382
		S		519	536	472	537
Weight(approx.)(kg)				590	600	1030	1060
Rail(kg/m)				15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ KSD □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

How is an explosion avoided?

The easiest way, of course, is by following the" first rule of explosion protection": avoid the creation of an explosive atmosphere. For example, by providing adequate ventilation or confining work processes to closed systems which prevent the occurrence of dangerous gases.

If this is not possible, there are basically two possibilities:

- Either, prevent the explosive atmosphere from igniting. To do this the equipment must have a limited surface temperature and the creation of sparks or sources of ignition must be avoided.
- Or the effects of an explosion must be reduced to a negligible level. This is done by isolating the ignition source, e.g. by mounting the equipment in flameproof enclosures.

What explodes, with what force and when?

The various inflammable gases and vapours are divided into *explosion groups*. These express the ignition transmission capacity or explosive energy. *Group 1* applies to gases for *explosion protection in mines. Groups IIA, IIB and IIC* apply to general explosion protection. In addition, gases are divided into *temperature classes T1 to T6*. This expresses their ignition quality.

Explosion group	Temperature class					
	T 1	T 2	T 3	T 4	T 5	T 6
II A	acetone acetic ammoniac benzol(pure) carbon oxide ethane ethyl acetate ethyl chloride methane methyl chloride propane toluol	i-amyl acetate n-butane n-butyl alcohol ethylene chloride sym. cyclo- heaxanon	benzine n-hexane diesel fuel jet fuel heating oils hydrogen sulphide	acetaldehyde ethyl ether		
II B	town gas	ethylene ethyl oxide				
II C	hydrogen	acetylene				carbon disulphide

Types of protection

The ignition protection modes increased safety" e" and flameproof enclosure" d" are relevant for explosion protection for hoists and cranes.
Increased safety" e" designates measures which prevent *inadmissible temperatures* and *the creation of sparks and electric arcs* in this electric equipment.

In the case of flameproof enclosures" d", all the affected parts of electrical equipment, e.g. a hoist, are *installed in an housing*. This covers all components which are a direct source of ignition (e.g. switching sparks in contactors) as well as those which could theoretically become a source of ignition though overheating (e.g. brakes, motor windings, transformers). The enclosure is capable of withstanding the pressure of an internal explosion without igniting an explosive environment.

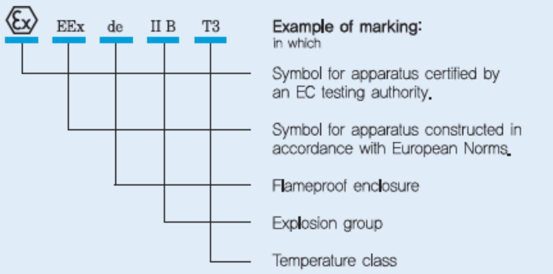
EXPLOSION PROOF CONSTRUCTIONS AND EXPLOSION GROUP					
Description	Korea KS	Japan JIS,RIIS	Germany IEC	U.S.A NEC, UL	Ignition Point(℃)
Temperature Class	T_1	G_1	T_1	T_1	Over 450
	T_2	G_2	T_2	T_2	300~450
	T_3	G_3	T_3	T_3	200~300
	T_4	G_4	T_4	T_4	135~200
	T_5	G_5	T_5	T_5	100~135
	T_6	G_6	T_6	T_6	85~100
Explosion Group	d_1	1	II_A	D	
	d_2	2	II_B	C	
	d_3	3	II_C	B	

Marking

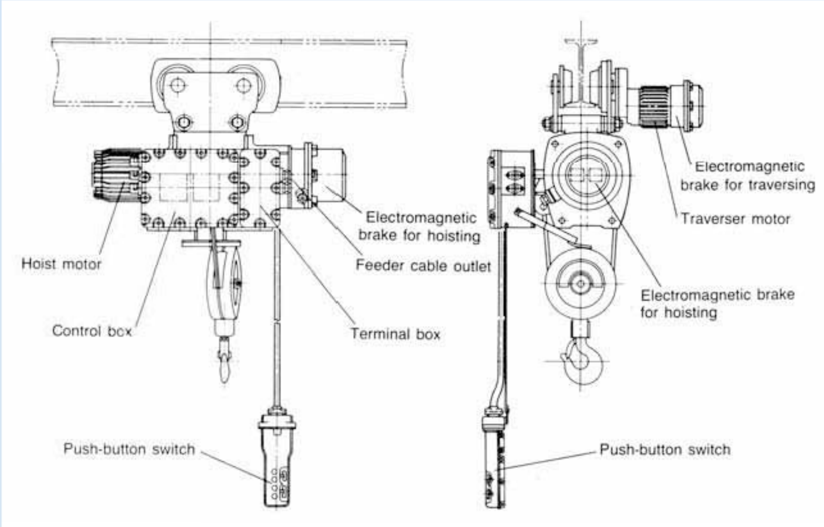
Within the European Community, the norms mentioned above stipulate that a type test must be performed by a recognized and authorized testing authority. The test is documented by a *certificate of conformity* which is recognized throughout the EEC. Approved equipment is entitled to bear the Ex label. Test authorities in the Federal Republic of Germany are the Physikalisch-Technische Bundesanstalt in Braunschweig and the Bergbauversuchsstrecke(Mining Test Centre) in Dortmund.
The marking of explosion-proof equipment is specified as mandatory in the European Norms, irrespective of whether the equipment is for use inside of outside the EEC.

The European Norms prescribe the marking of explosion-proof electrical equipment independent of whether the equipment will be traded within the European Community of outside it.

Marking of equipment



Scope of Application



Component Arrangement

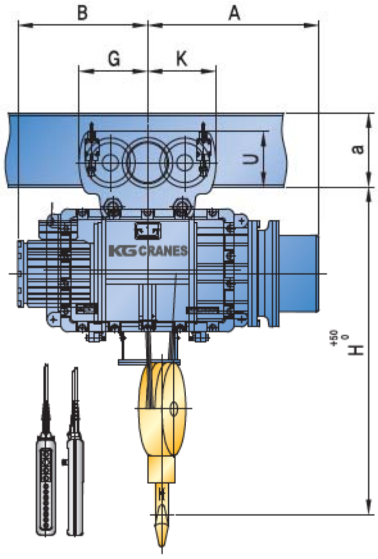
Application (classified by ignition grade and explosion degree of explosive gases)

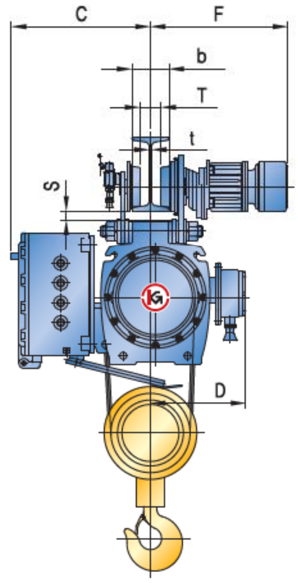
Explosion degree (d) / Ignition grade (G)	1 Gap above 0.6 mm, Gap depth 25 mm	2 Gap above 0.4 mm and below 0.6 mm, Gap depth 25 mm	3 Gap 0.4 mm or below, Gap depth 25 mm
G1 Above 450℃ (320 deg.)	Acetone, ammonium, carbon monoxide, ethane, acetic acid, ethyl acetate, toluene, propane, benzene, methanol and methane	Coal gas	Wager gas Hydrogen
G2 Above 300℃ and below 450℃ (200 deg.)	Ethanol, isoamyl acetate, 1-butanol butane and acetic anhydride	Etylene and ethylene oxide	Acetylene
G3 Above 200℃ and below 300℃ (120 deg.)	Gasoline and hexane		
G4 Above 135℃ and below 200℃ (70 deg.)	Acetaldehyde and ethyl ether		
G5 Above 100℃ and below 135℃ (40 deg.)			Carbon disulfide

(Note) Temperature in ignition grade column shows flash point.
Temperature in parentheses indicates upper limit for temperature rise of casing.

WIRE HOIST Explosion Proof Type

Regular Type - Normal (0.5~5ton)





Capacity(Ton)			0,5	1	2	2,8	3	5
Type	Hoisting and Traversing Speed	High-High	E-KN0,5-H06(12)-MH	E-KN1-H06(12)-MH	E-KN2-H06(12)-MH	E-KN2,8-H06(12)-MH	E-KN3-H06(12)-MH	E-KN5-H06(12)-MH
		High-Low	E-KN0,5-H06(12)-ML	E-KN1-H06(12)-ML	E-KN2-H06(12)-ML	E-KN2,8-H06(12)-ML	E-KN3-H06(12)-ML	E-KN5-H06(12)-ML
		Low-High	E-KN0,5-L06(12)-MH	E-KN1-L06(12)-MH	E-KN2-L06(12)-MH	E-KN2,8-L06(12)-MH	E-KN3-L06(12)-MH	E-KN5-L06(12)-MH
		Low-Low	E-KN0,5-L06(12)-ML	E-KN1-L06(12)-ML	E-KN2-L06(12)-ML	E-KN2,8-L06(12)-ML	E-KN3-L06(12)-ML	E-KN5-L06(12)-ML
Hoist	Max. Lift(m)		6(12)	6(12)	6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	10/12	10/12	8,4/10	7,5/9	7,5/9	4,7/5,6
		Low Speed 50/60(Hz)	5/6	5/6	4,2/5	3,7/4,5	3,7/4,5	3,5/4,2
	Hoisting Motor (Kw x P)	High Speed	1,2x4	2,4x4	3,7x4	4,8x4	5,5x4	5,5x6
		Low Speed	0,6x8	1,2x8	1,8x8	2,4x8	2,8x8	4,2x8
	Wire Rope	Construction	6x19	6x19	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø6x2 Falls	Ø8x2 Falls	Ø10x2 Falls	Ø12,5x2 Falls	Ø12,5x2 Falls	Ø16x2 Falls
	Brake		DC Magnet Disc Brake					
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0,4x4	0,4x4	0,75x4	0,75x4	0,75x4	0,75x4
		Low Speed	0,2x6	0,2x6	0,5x6	0,5x6	0,5x6	0,5x6
	Brake		DC Magnet Disc Brake					
Dimensions(approx)(mm)		H	705	815	980	1115	1115	1325
		A	420(475)	455(525)	515(570)	570(620)	570(620)	655(755)
		B	430(575)	515(655)	515(665)	535(685)	535(685)	630(730)
		D	300	355	360	360	360	400
		G	255	255	260	260	260	275
		K	200	200	225	225	225	275

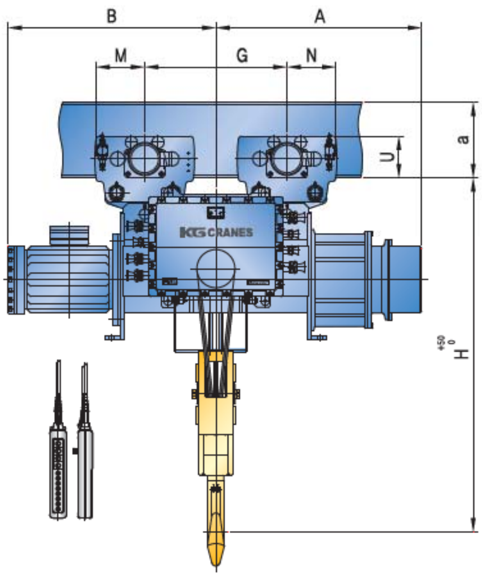
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	0,5					1					2					2,8					3					5				
axbxt(I-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
I-200x100x7t~	505	450	38	48	144	505	450	38	48	144	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
I-250x125x7,5t~	518	460	30	71	153	518	460	30	71	153	610	555	23	71	182	610	555	23	71	182	610	555	23	71	182	645	575	39	61	222
I-300x150x10t~	530	475	28	96	155	530	475	28	96	155	625	568	23	96	182	625	568	23	96	182	625	568	23	96	182	660	585	37	86	224
I-450x175x13t~	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	675	600	34	111	228

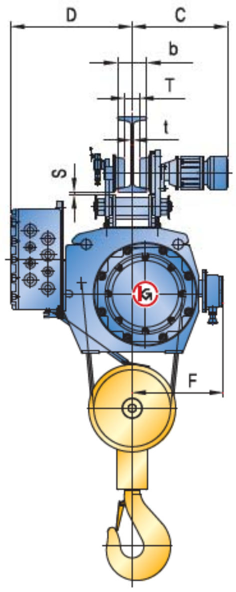
	0,5	1	2	2,8	3	5
Min.Radius of curvature(m)	1,5	1,5	1,8	1,8	1,8	2,3
Weight(approx)(kg)	197(207)	240(268)	328(364)	424(468)	424(468)	627(692)

※ EX-KN □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Regular Type - Normal (7.5~20ton)





Capacity(Ton)			7.5	10	15	20
Type	Hoisting and Traversing Speed	High-High	E-KN7.5-H12-MH	E-KN10-H12-MH	E-KN15-H12-MH	E-KN20-H12-MH
		High-Low	E-KN7.5-H12-ML	E-KN10-H12-ML	E-KN15-H12-ML	E-KN20-H12-ML
		Low-High	E-KN7.5-L12-MH	E-KN10-L12-MH	E-KN15-L12-MH	E-KN20-L12-MH
		Low-Low	E-KN7.5-L12-ML	E-KN10-L12-ML	E-KN15-L12-ML	E-KN20-L12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2
		Low Speed 50/60(Hz)	2.3/2.8	2.5/3	2.5/3	2.3/2.8
	Hoisting Motor (Kw x P)	High Speed	5.5x6	9x8	13x8	17x8
		Low Speed	4.2x8	6x12	8.5x12	11.5x12
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø14x4 Falls	Ø16x4 Falls	Ø20x4 Falls	Ø22.4x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(Hz)	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	1.5x4	1.5x4
		Low Speed	0.5x6	0.5x6	1x6	1x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	1460	1520	1875	2115
		A	975	1025	1025	1215
		B	945	1135	1140	1285
		D	710	780	720	740
		G	800	800	800	850
		K	276	276	300	300
		M	276	276	300	300

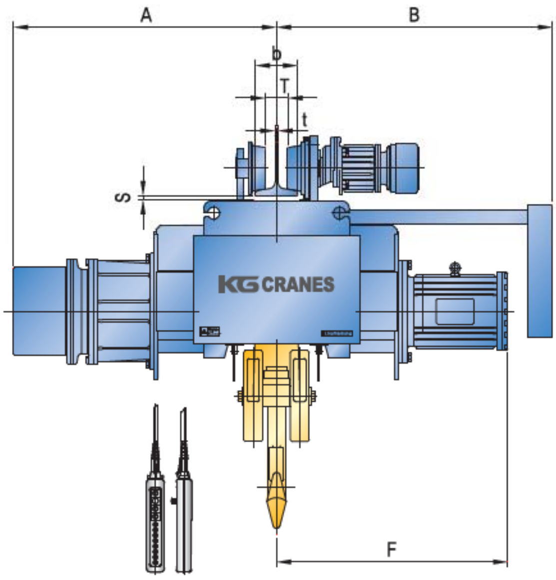
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	I-300x150x10t~	592	450	35	68	224	592	480	35	68	224	–	–	–	–	–	–	–	–	–	–
	I-450x175x13t~	605	450	30	93	228	605	480	30	98	228	715	520	32	77	248	715	550	32	77	248
	I-600x190x13t~	613	450	25	118	232	613	480	25	118	232	723	520	32	92	248	715	550	32	92	248

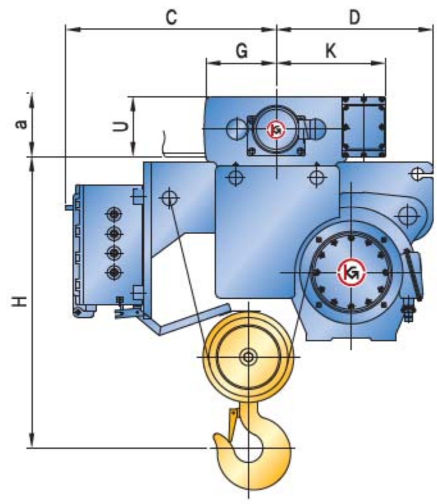
Min.Radius of curvature(m)	For straight rails only			
Weight(approx)(kg)	960	1260	2080	2480

※ EX-KN □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Low Head Type - Normal (0.5~5ton)



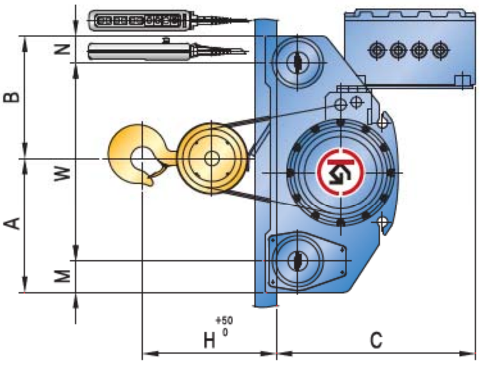


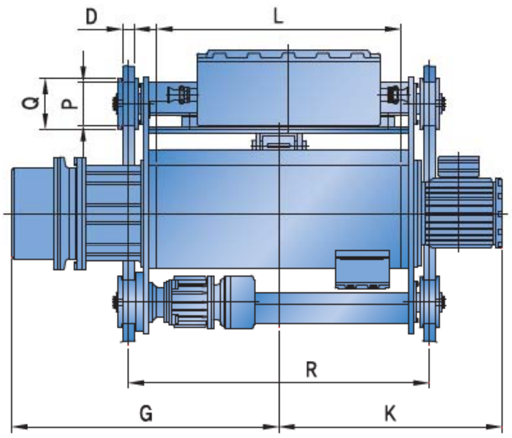
<table>
<tr><th colspan="3">Capacity(Ton)</th><th colspan="3">0.5</th><th colspan="3">1</th><th colspan="3">2</th><th colspan="3">2.8</th><th colspan="3">3</th><th colspan="3">5</th></tr>
<tr><td rowspan="4">Type</td><td rowspan="4">Hoisting and Traversing Speed</td><td>High–High</td><td colspan="3">E–KL0.5–H06–MH</td><td colspan="3">E–KL1–H06–MH</td><td colspan="3">E–KL2–H06–MH</td><td colspan="3">E–KL2.8–H06–MH</td><td colspan="3">E–KL3–H06–MH</td><td colspan="3">E–KL5–H06–MH</td></tr>
<tr><td>High–Low</td><td colspan="3">E–KL0.5–H06–ML</td><td colspan="3">E–KL1–H06–ML</td><td colspan="3">E–KL2–H06–ML</td><td colspan="3">E–KL2.8–H06–ML</td><td colspan="3">E–KL3–H06–ML</td><td colspan="3">E–KL5–H06–ML</td></tr>
<tr><td>Low–High</td><td colspan="3">E–KL0.5–L06–MH</td><td colspan="3">E–KL1–L06–MH</td><td colspan="3">E–KL2–L06–MH</td><td colspan="3">E–KL2.8–L06–MH</td><td colspan="3">E–KL3–L06–MH</td><td colspan="3">E–KL5–L06–MH</td></tr>
<tr><td>Low–Low</td><td colspan="3">E–KL0.5–L06–ML</td><td colspan="3">E–KL1–L06–ML</td><td colspan="3">E–KL2–L06–ML</td><td colspan="3">E–KL2.8–L06–ML</td><td colspan="3">E–KL3–L06–ML</td><td colspan="3">E–KL5–L06–ML</td></tr>
<tr><td rowspan="9">Hoist</td><td colspan="2">Max. Lift(m)</td><td colspan="3">6</td><td colspan="3">6</td><td colspan="3">6</td><td colspan="3">6</td><td colspan="3">6</td><td colspan="3">6</td></tr>
<tr><td rowspan="2">Hoisting Speed (m/min)</td><td>High Speed 50/60(Hz)</td><td colspan="3">10/12</td><td colspan="3">10/12</td><td colspan="3">8.4/10</td><td colspan="3">7.5/9</td><td colspan="3">7.5/9</td><td colspan="3">4.7/5.6</td></tr>
<tr><td>Low Speed 50/60(Hz)</td><td colspan="3">5/6</td><td colspan="3">5/6</td><td colspan="3">4.2/5</td><td colspan="3">3.7/4.5</td><td colspan="3">3.7/4.5</td><td colspan="3">3.7/4.2</td></tr>
<tr><td rowspan="2">Hoisting Motor (Kw x P)</td><td>High Speed</td><td colspan="3">1.2x4</td><td colspan="3">2.4x4</td><td colspan="3">3.7x4</td><td colspan="3">4.8x4</td><td colspan="3">5.5x4</td><td colspan="3">5.5x6</td></tr>
<tr><td>Low Speed</td><td colspan="3">0.6x8</td><td colspan="3">1.2x8</td><td colspan="3">1.8x8</td><td colspan="3">2.4x8</td><td colspan="3">2.8x8</td><td colspan="3">4.2x8</td></tr>
<tr><td rowspan="2">Wire Rope</td><td>Construction</td><td colspan="3">7x19</td><td colspan="3">6x19</td><td colspan="3">6x19</td><td colspan="3">6x37</td><td colspan="3">6x37</td><td colspan="3">6x37</td></tr>
<tr><td>Dia.(min)x no. of Ropes</td><td colspan="3">Ø4x4 Falls</td><td colspan="3">Ø6x4 Falls</td><td colspan="3">Ø8x4 Falls</td><td colspan="3">Ø9x4 Falls</td><td colspan="3">Ø9x4 Falls</td><td colspan="3">Ø11.2x4 Falls</td></tr>
<tr><td colspan="2">Brake</td><td colspan="18">DC Magnet Disc Brake</td></tr>
<tr><td rowspan="5">Traversing</td><td rowspan="2">Traversing Speed (m/min)</td><td>High Speed 50/60(Hz)</td><td colspan="3">20/24</td><td colspan="3">20/24</td><td colspan="3">20/24</td><td colspan="3">20/24</td><td colspan="3">20/24</td><td colspan="3">20/24</td></tr>
<tr><td>Low Speed 50/60(Hz)</td><td colspan="3">13/16</td><td colspan="3">13/16</td><td colspan="3">13/16</td><td colspan="3">13/16</td><td colspan="3">13/16</td><td colspan="3">13/16</td></tr>
<tr><td rowspan="2">Traversing Motor (Kw x P)</td><td>High Speed</td><td colspan="3">0.4x4</td><td colspan="3">0.4x4</td><td colspan="3">0.75x4</td><td colspan="3">0.75x4</td><td colspan="3">0.75x4</td><td colspan="3">0.75x4</td></tr>
<tr><td>Low Speed</td><td colspan="3">0.2x6</td><td colspan="3">0.2x6</td><td colspan="3">0.5x6</td><td colspan="3">0.5x6</td><td colspan="3">0.5x6</td><td colspan="3">0.5x6</td></tr>
<tr><td colspan="2">Brake</td><td colspan="18">DC Magnet Disc Brake</td></tr>
<tr><td colspan="2" rowspan="8">Dimensions(approx)(mm)</td><td>H</td><td colspan="3">550</td><td colspan="3">550</td><td colspan="3">620</td><td colspan="3">620</td><td colspan="3">620</td><td colspan="3">800</td></tr>
<tr><td>A</td><td colspan="3">515</td><td colspan="3">555</td><td colspan="3">640</td><td colspan="3">660</td><td colspan="3">660</td><td colspan="3">755</td></tr>
<tr><td>B</td><td colspan="3">675</td><td colspan="3">765</td><td colspan="3">785</td><td colspan="3">780</td><td colspan="3">780</td><td colspan="3">880</td></tr>
<tr><td>C</td><td colspan="3">635</td><td colspan="3">635</td><td colspan="3">665</td><td colspan="3">740</td><td colspan="3">740</td><td colspan="3">815</td></tr>
<tr><td>D</td><td colspan="3">245</td><td colspan="3">290</td><td colspan="3">385</td><td colspan="3">395</td><td colspan="3">395</td><td colspan="3">465</td></tr>
<tr><td>G</td><td colspan="3">255</td><td colspan="3">255</td><td colspan="3">260</td><td colspan="3">260</td><td colspan="3">260</td><td colspan="3">275</td></tr>
<tr><td>K</td><td colspan="3">200</td><td colspan="3">200</td><td colspan="3">225</td><td colspan="3">225</td><td colspan="3">225</td><td colspan="3">275</td></tr>
<tr><td>F</td><td colspan="3">525</td><td colspan="3">615</td><td colspan="3">635</td><td colspan="3">630</td><td colspan="3">630</td><td colspan="3">730</td></tr>
<tr><td colspan="2" rowspan="5">I-BEAM TYPE DIMENSIONS (APPROX.)(MM)</td><td>axbxt(I-BEAM)</td><td>S</td><td>T</td><td>U</td><td>S</td><td>T</td><td>U</td><td>S</td><td>T</td><td>U</td><td>S</td><td>T</td><td>U</td><td>S</td><td>T</td><td>U</td><td>S</td><td>T</td><td>U</td></tr>
<tr><td>I-200x100x7t~</td><td>38</td><td>46</td><td>144</td><td>38</td><td>46</td><td>144</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td></tr>
<tr><td>I-250x125x7.5t~</td><td>30</td><td>71</td><td>153</td><td>30</td><td>71</td><td>153</td><td>22</td><td>71</td><td>182</td><td>23</td><td>71</td><td>182</td><td>23</td><td>71</td><td>182</td><td>–</td><td>–</td><td>–</td></tr>
<tr><td>I-300x150x10t~</td><td>28</td><td>96</td><td>155</td><td>28</td><td>96</td><td>155</td><td>22</td><td>96</td><td>182</td><td>23</td><td>96</td><td>182</td><td>23</td><td>96</td><td>182</td><td>26</td><td>86</td><td>224</td></tr>
<tr><td>I-450x175x13t~</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>–</td><td>23</td><td>111</td><td>228</td></tr>
<tr><td colspan="3">Min.Radius of curvature(m)</td><td colspan="3">1.5</td><td colspan="3">1.5</td><td colspan="3">1.8</td><td colspan="3">1.8</td><td colspan="3">1.8</td><td colspan="3">2.3</td></tr>
<tr><td colspan="3">Weight(approx)(kg)</td><td colspan="3">225</td><td colspan="3">250</td><td colspan="3">400</td><td colspan="3">490</td><td colspan="3">490</td><td colspan="3">780</td></tr>
</table>

※ EX-KL □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Double Rail Type - Normal (2~5ton)



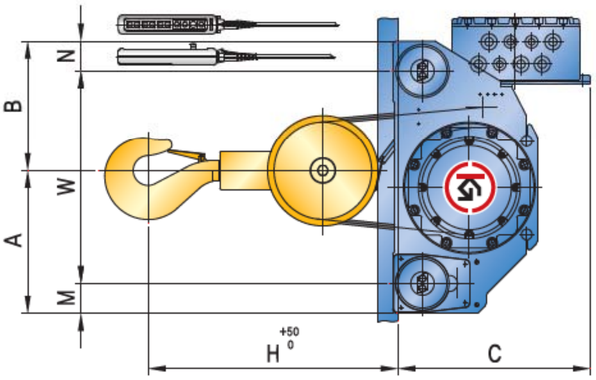


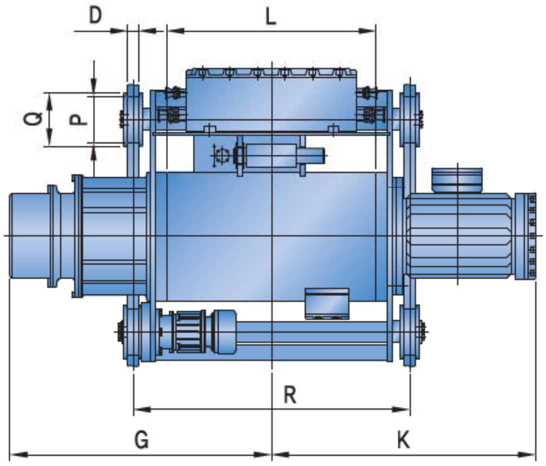
Capacity(Ton)			2	2.8	3	5
Type	Hoisting and Traversing Speed	High-High	E-KD02-H12-MH	E-KD2.8-H12-MH	E-KD03-H12-MH	E-KD05-H12-MH
		High-Low	E-KD02-H12-ML	E-KD2.8-H12-ML	E-KD03-H12-ML	E-KD05-H12-ML
		Low-High	E-KD02-L12-MH	E-KD2.8-L12-MH	E-KD03-L12-MH	E-KD05-L12-MH
		Low-Low	E-KD02-L12-ML	E-KD2.8-L12-ML	E-KD03-L12-ML	E-KD05-L12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low Speed 50/60(Hz)	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting Motor (Kw x P)	High Speed	3.7x4	4.8x4	5.5x4	5.5x6
		Low Speed	1.8x8	2.4x8	2.8x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø8x4 Falls	Ø9x4 Falls	Ø9x4 Falls	Ø12.5x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	415	420	420	510
		R	950	950	950	1150
		A	465	465	465	510
		B	390	390	390	470
		C	630	730	730	760
		G	790	835	835	985
		K	790	795	795	960
		W	650	650	650	760
		D	47	47	47	47
		L	680	690	690	890
		M	115	115	115	125
		N	90	90	90	110
		P	Ø140	Ø140	Ø140	Ø165
		Q	Ø170	Ø170	Ø170	Ø190
Weight(approx.)(kg)			500	600	600	900
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ EX-KD □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Double Rail Type - Normal (7.5~30ton)



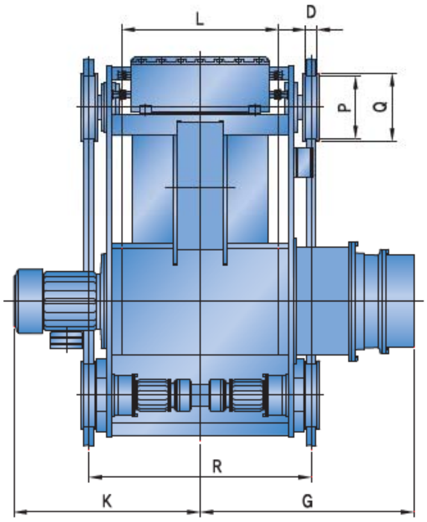


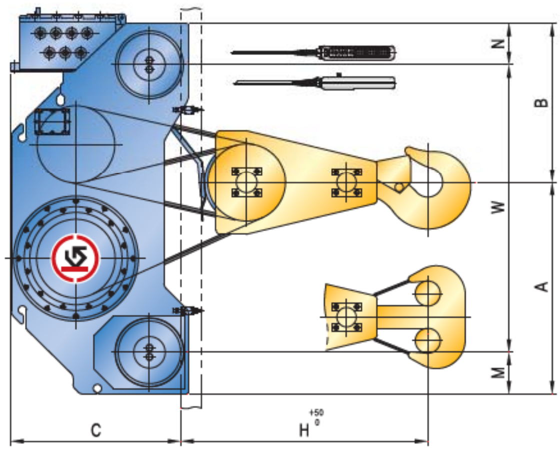
Capacity(Ton)			7.5	10	15	20	30
Type	Hoisting and Traversing Speed	High-High	E-KD7.5-H12-MH	E-KD10-H12-MH	E-KD15-H12-MH	E-KD20-H12-MH	E-KD30-H12-MH
		High-Low	E-KD7.5-H12-ML	E-KD10-H12-ML	E-KD15-H12-ML	E-KD20-H12-ML	E-KD30-H12-ML
		Low-High	E-KD7.5-L12-MH	E-KD10-L12-MH	E-KD15-L12-MH	E-KD20-L12-MH	E-KD30-L12-MH
		Low-Low	E-KD7.5-L12-ML	E-KD10-L12-ML	E-KD15-L12-ML	E-KD20-L12-ML	E-KD30-L12-ML
Hoist	Max. Lift(m)		12	12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	3.1/3.8	3.7/4.5	3.7/3.5	3.7/4.3	2.3/2.8
		Low Speed 50/60(Hz)	2.3/2.8	2.5/3	2.5/3	2.5/2.8	1.5/1.8
	Hoisting Motor (Kw x P)	High Speed	5.5x6	9x8	13x8	17x8	17x8
		Low Speed	4.2x8	6x12	8.5x12	11.5x12	11.5x12
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø14x4 Falls	Ø16x4 Falls	Ø20x4 Falls	Ø22.4x4 Falls	Ø22.4x6 Falls
	Brake		DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	12.5/15	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(Hz)	8.3/10	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	1.5x4	1.5x4	1.5x4x2
		Low Speed	0.5x6	0.5x6	1x6	1x6	1x6x2
	Brake		DC Magnet Disc Brake				
Dimensions(approx)(mm)		H	730	775	995	1175	2480
		R	1150	1150	1200	1300	1800
		A	525	565	625	670	940
		B	480	510	555	610	940
		C	775	965	960	1000	1080
		G	995	1045	1145	1235	1495
		K	1045	1135	1135	1285	1555
		W	800	865	920	1000	1540
		D	58	58	58	58	70
		L	852	851	872	934	1418
		M	120	120	130	140	180
		N	95	100	130	140	160
		P	Ø165	Ø165	Ø180	Ø220	Ø250
		Q	Ø195	Ø195	Ø210	Ø250	Ø280
Weight(approx.)(kg)			980	1280	1390	2380	3530
Rail(kg/m)			15 Kg/M	15 Kg/M	22 Kg/M	22 Kg/M	30 Kg/M

※ EX-KD □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Double Rail Type - Normal (35~70ton)



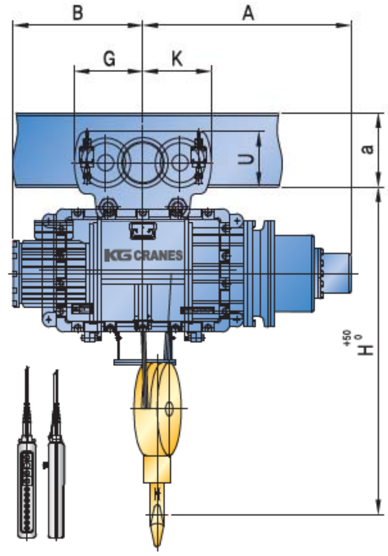


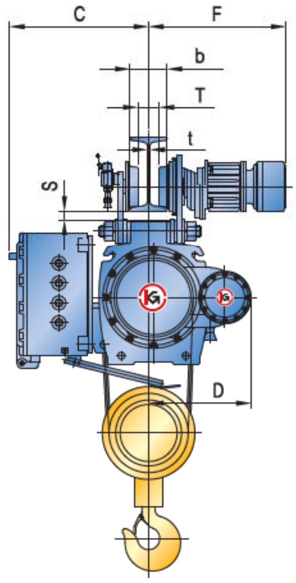
Capacity(Ton)			35	50	60	70
Type	Hoisting and Traversing Speed	High-High	E-KD35-H12-MH	E-KD50-H12-MH	E-KD60-H12-MH	E-KD70-H12-MH
		High-Low	E-KD35-H12-ML	E-KD50-H12-ML	E-KD60-H12-ML	E-KD70-H12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4/4.8	2.7/3.2	2/2.4	2/2.4
	Hoisting Motor (Kw x P)	High Speed	33x6	33x6	33x6	33x6
	Wire Rope	Construction	6xFi(250	6xFi(25)	6xFi(25)	6xFi(25)
		Dia.(min)x no. of Ropes	Ø28x4 Falls	Ø28x6 Falls	Ø28x8 Falls	Ø28x8 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(Hz)	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing Motor (Kw x P)	High Speed	2.2x4	2.2x4x2	2.2x4x2	3.7x4x2
		Low Speed	1.5x6	1.5x6x2	1.5x6x2	2.2x6x2
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	1490	1680	1780	1780
		R	1150	1150	1150	1150
		A	1600	2300	2800	2800
		B	1025	1432	1525	1525
		C	1192	1400	1400	1400
		G	1555	1880	2130	2130
		K	1460	1815	2065	2065
		W	1550	2125	2125	2075
		D	70	80	80	80
		L	1044	1430	1930	1930
		M	215	275	275	300
		N	215	275	275	300
		P	Ø355	Ø450	Ø450	Ø500
		Q	Ø395	Ø490	Ø490	Ø540
Weight(approx.)(kg)			5320	7120	8620	9120
Rail(kg/m)			37 Kg/M	50 Kg/M	50 Kg/M	50 Kg/M

※ EX-KD □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Regular Type - Creep (0.5~5ton)





Capacity(Ton)			1	2	2.8	3	5
Type	Hoisting and Traversing Speed	High–HIGH	E–CKN1–H06(12)–MH	E–CKN2–H06(12)–MH	E–CKN2.8–H06(12)–MH	E–CKN3–H06(12)–MH	E–CKN5–H06(12)–MH
		High–Low	E–CKN1–H06(12)–ML	E–CKN2–H06(12)–ML	E–CKN2.8–H06(12)–ML	E–CKN3–H06(12)–ML	E–CKN5–H06(12)–ML
Hoist	Max. Lift(m)		6(12)	6(12)	6(12)	6(12)	6(12)
	Hoisting Speed(m/min) High/Creep	50Hz	10/1	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47
		60Hz	12/1.2	10/1	9/0.9	9/0.9	5.6/0.56
	Hoisting Motor (Kw x P)	High Speed	2.4/0.4x4	3.7/0.4x4	4.8/1.1x4	5.5/1.1x4	5.5/1.1x6
		Creep Speed	0.4x4	1.1x4	1.0x6	1.0x6	1.0x6
	Wire Rope	Construction	6x19	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø8x2 Falls	Ø10x2 Falls	Ø12.5x2 Falls	Ø12.5x2 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.4x4	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.2x6	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake				
Dimensions(approx)(mm)		H	815	980	1115	1115	1325
		A	660(720)	700(750)	830(875)	820(860)	900(1000)
		B	515(655)	515(665)	535(685)	535(685)	630(730)
		D	420	400	465	455	505
		F	450	555	555	555	585
		G	255	260	260	260	275
		K	200	225	225	225	275

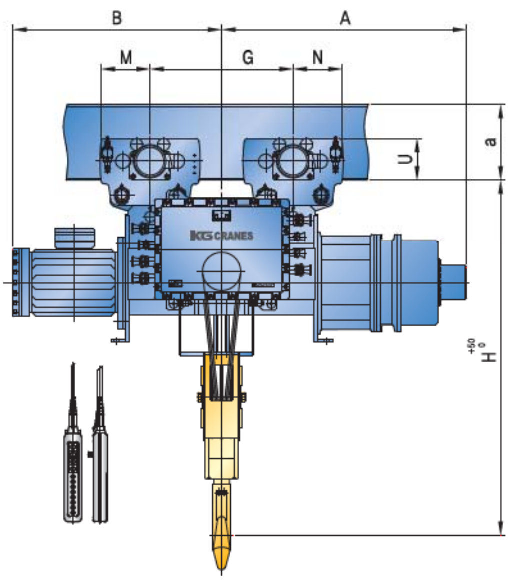
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	1				2				2.8				3				5			
axbxt(I-BEAM)	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
I-200x100x7t~	505	38	46	144	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
I-250x125x7.5t~	518	30	71	153	540	26	71	182	610	25	71	182	610	25	71	182	645	37	61	222
I-300x150x10t~	530	28	96	155	555	24	96	182	625	23	96	182	625	23	96	182	660	32	86	224
I-450x175x13t~	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	675	32	111	228

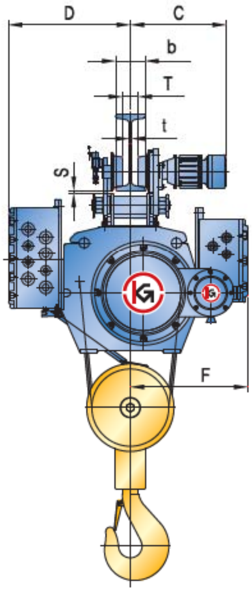
	1	2	2.8	3	5
Min.Radius of curvature(m)	1.5	1.8	1.8	1.8	2.3
Weight(approx)(kg)	305(425)	400(515)	495(540)	495(540)	715(780)

※ EX-KN □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Regular Type - Creep (7.5~20ton)





Capacity(Ton)			7.5	10	15	20
Type	Hoisting and Traversing Speed	High-HIGH	E-CKN7.5-H12-MH	E-CKN10-H12-MH	E-CKN15-H12-MH	E-CKN20-H12-MH
		High-Low	E-CKN7.5-H12-ML	E-CKN10-H12-ML	E-CKN15-H12-ML	E-CKN20-H12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed(m/min) High/Creep	50Hz	3.1/0.31	3.7/0.37	3.7/0.37	3.5/0.35
		60Hz	3.8/0.38	4.5/0.45	4.5/0.45	4.2/0.42
	Hoisting Motor (Kw x P)	High Speed	5.5x6	9x8	13x8	17x8
		Creep Speed	1x6	1.1x8	1.8x8	1.8x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø14x4 Falls	Ø16x4 Falls	Ø20x4 Falls	Ø22.4x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(Hz)	8.3/10	8.3/10	8.3/10	/.3/10
	Traversing Motor (Kw x P)	High Speed	0.75x4(2units)	0.75x4(2units)	1.5x4(2units)	1.5x4(2units)
		Low Speed	0.5x6(2units)	0.5x6(2units)	1x6(2units)	1x6(2units)
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	1460	1565	1875	2115
		A	1235	1325	1435	1530
		B	745	1135	1140	1285
		D	710	780	720	740
		F	650	680	720	750
		L	850	850	870	935
		G	800	800	800	850
		M	276	276	300	300
		K	276	276	300	300

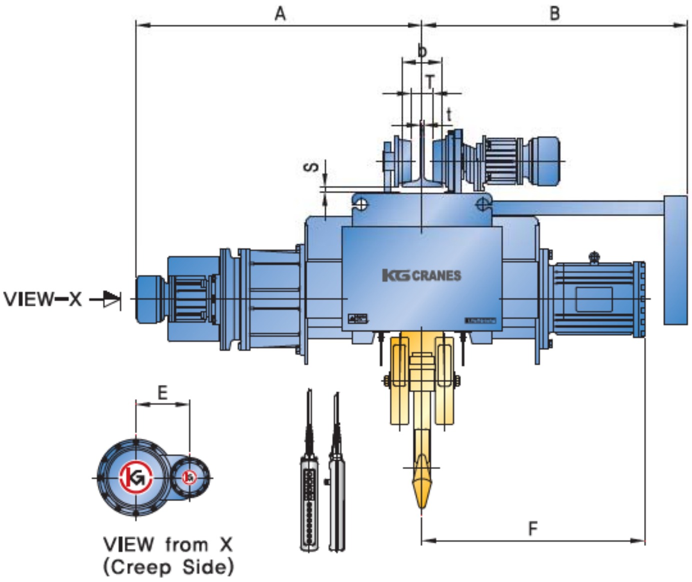
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	7.5				10				15				20			
axbxt(I-BEAM)	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
I-300x150x10t~	592	35	68	224	592	35	68	224	–	–	–	–	–	–	–	–
I-450x175x13t~	605	30	93	228	605	30	93	228	715	32	77	248	715	32	77	248
I-600x190x13t~	613	32	118	227	613	32	118	227	723	37	92	243	723	37	92	243

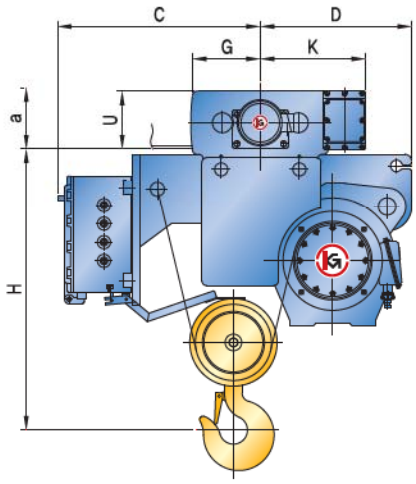
	7.5	10	15	20
Min.Radius of curvature(m)	Straight line			
Weight(approx)(kg)	1050	1350	2250	2600

※ EX-KN □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Low Head Type - Creep (0.5~5ton)





Capacity(Ton)			1	2	2.8	3	5
Type	Hoisting and Traversing Speed	High-HIGH	E-CKL1-H06-MH	E-CKL2-H06-MH	E-CKL2.8-H06-MH	E-CKL3-H06-MH	E-CKL5-H06-MH
		High-Low	E-CKL1-H06-ML	E-CKL2-H06-ML	E-CKL2.8-H06-ML	E-CKL3-H06-ML	E-CKL5-H06-ML
Hoist	Max. Lift(m)		6	6	6	6	6
	Hoisting Speed(m/min) High/Creep	50Hz	10/1	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47
		60Hz	12/1.2	10/1	9/0.9	9/0.9	5.6/0.56
	Hoisting Motor (Kw x P)	High Speed	2.4x4	3.7x4	4.8x4	5.5x4	5.5x6
		Creep Speed	0.4x4	0.4x4	1.1x4	1.1x4	1x6
	Wire Rope	Construction	6x19	6x19	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø6x4 Falls	Ø8x4 Falls	Ø9x4 Falls	Ø9x4 Falls	Ø11.2x4 Falls
	Brake		DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.4x4	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.2x6	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake				
Dimensions(approx)(mm)		H	550	620	620	620	800
		A	760	825	920	920	1000
		B	765	785	780	780	980
		C	635	665	740	740	815
		D	290	385	565	565	635
		G	255	260	260	260	275
		K	200	225	225	225	275
		E	330	375	375	375	425
		F	615	635	630	630	730

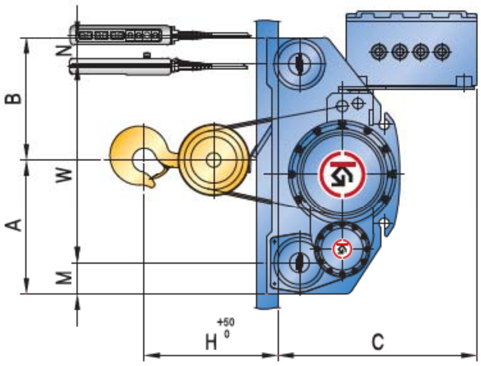
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	1			2			2.8			3			5		
axbxt(I-BEAM)	S	T	U	S	T	U	S	T	U	S	T	U	S	T	U
I-200x100x7t~	38	46	144	33	46	172	–	–	–	–	–	–	–	–	–
I-250x125x7.5t~	30	71	153	24	71	182	25	71	182	23	71	182	–	–	–
I-300x150x10t~	28	96	155	22	96	182	23	96	182	23	96	182	37	86	224
I-450x175x13t~	–	–	–	–	–	–	–	–	–	–	–	–	34	111	228

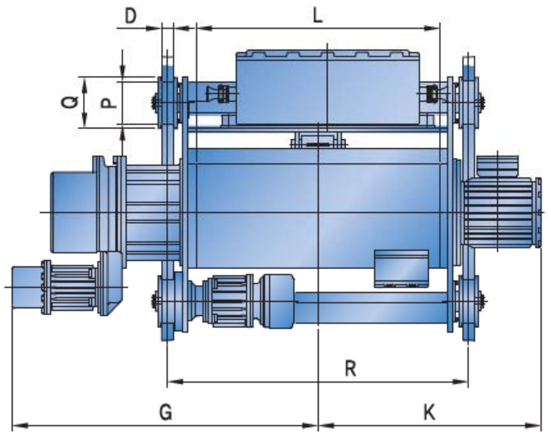
	1	2	2.8	3	5
Min.Radius of curvature(m)	1.5	1.8	1.8	1.8	2.3
Weight(approx)(kg)	355	520	625	625	855

※ EX-KL □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Double Rail Type - Creep (2~5ton)



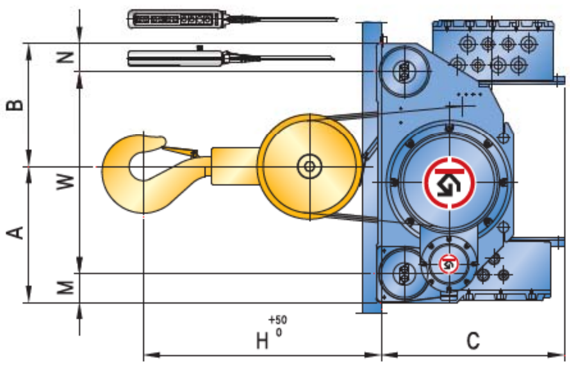


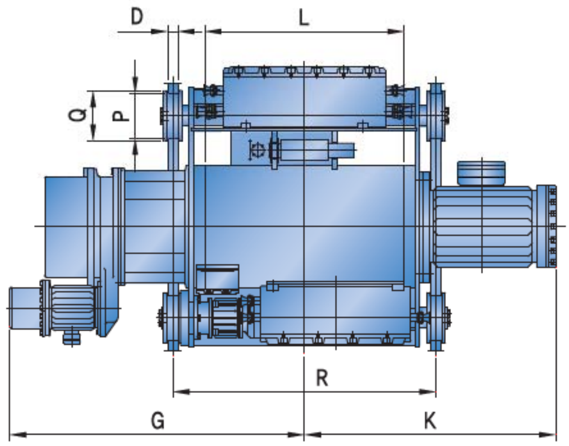
Capacity(Ton)			2	2.8	3	5
Type	Hoisting and Traversing Speed	High-HIGH	E-CKD02-H12-MH	E-CKD2.8-H12-MH	E-CKD03-H12-MH	E-CKD05-H12-MH
		High-Low	E-CKD02-H12-ML	E-CKD2.8-H12-ML	E-CKD03-H12-ML	E-CKD05-H12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed(m/min) High/Creep	50Hz	8.4/0.84	7.5/0.75	4.7/0.47	3.1/0.31
		60Hz	10/1	9/0.9	9/0.9	5.6/0.56
	Hoisting Motor (Kw x P)	High Speed	3.7x4	4.8x4	5.5x4	5.5x6
		Creep Speed	0.4x4	1.1x4	1.0x6	1.0x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø8x4 Falls	Ø9x4 Falls	Ø9x4 Falls	Ø12.5x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	415	420	420	510
		R	950	950	950	1150
		A	465	465	465	510
		B	390	390	390	470
		C	630	730	730	760
		G	955	1070	1070	1220
		K	890	896	896	960
		W	650	650	650	760
		S	45	45	45	42
		D	47	47	47	47
		L	680	690	690	890
		M	115	115	115	125
		N	90	90	90	110
		P	Ø140	Ø140	Ø140	Ø165
		Q	Ø170	Ø170	Ø170	Ø190
Weight(approx.)(kg)			570	570	570	980
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ EX-KD □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Double Rail Type - Creep (7.5~30ton)



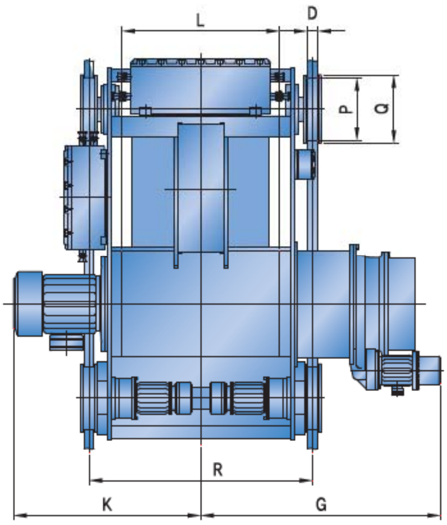


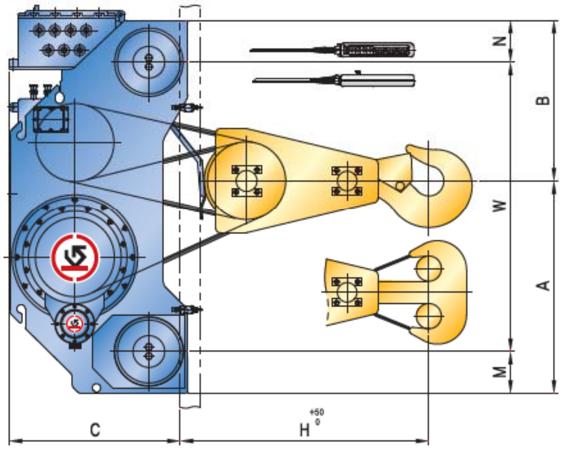
Capacity(Ton)			7.5	10	15	20	30
Type	Hoisting and Traversing Speed	High-HIGH	E-CKD7.5-H12-MH	E-CKD10-H12-MH	E-CKD15-H12-MH	E-CKD20-H12-MH	E-CKD30-H12-MH
		High-Low	E-CKD7.5-H12-ML	E-CKD10-H12-ML	E-CKD15-H12-ML	E-CKD20-H12-ML	E-CKD30-H12-ML
Hoist	Max. Lift(m)		12	12	12	12	12
	Hoisting Speed(m/min) High/Creep	50Hz	3.1/0.31	3.7/0.37	3.7/0.37	3.5/0.35	2.3/0.23
		60Hz	3.8/0.38	4.5/0.45	4.5/0.45	4.2/0.42	2.8/0.28
	Hoisting Motor (Kw x P)	High Speed	5.5x6	9x8	13x8	17x8	17x8
		Creep Speed	1x6	1.1x8	1.8x8	1.8x8	1.8x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø14x4 Falls	Ø16x4 Falls	Ø20x4 Falls	Ø22.4x4 Falls	Ø22.4x6 Falls
	Brake		DC Magnet Disc Brake				
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	12.5/15	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(Hz)	8.3/10	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	1.5x4	1.5x4	1.5x4x2
		Low Speed	0.5x6	0.5x6	1x6	1x6	1x6x2
	Brake		DC Magnet Disc Brake				
Dimensions(approx)(mm)		H	730	775	995	1175	1480
		R	1150	1150	1200	1300	1800
		A	525	565	625	670	940
		B	480	510	555	610	940
		C	775	965	960	1000	1080
		G	1255	1345	1455	1550	1810
		K	945	1135	1140	1285	1545
		W	800	865	920	1000	1540
		D	58	58	58	58	70
		L	850	850	870	935	1420
		M	120	120	130	140	180
		N	95	100	130	140	180
		P	Ø165	Ø165	Ø180	Ø220	Ø250
		Q	Ø195	Ø195	Ø210	Ø250	Ø280
Weight(approx.)(kg)			1065	1375	2030	2495	3646
Rail(kg/m)			15 Kg/M	15 Kg/M	22 Kg/M	22 Kg/M	30 Kg/M

※ EX-KD □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type

Double Rail Type - Creep (35~70ton)



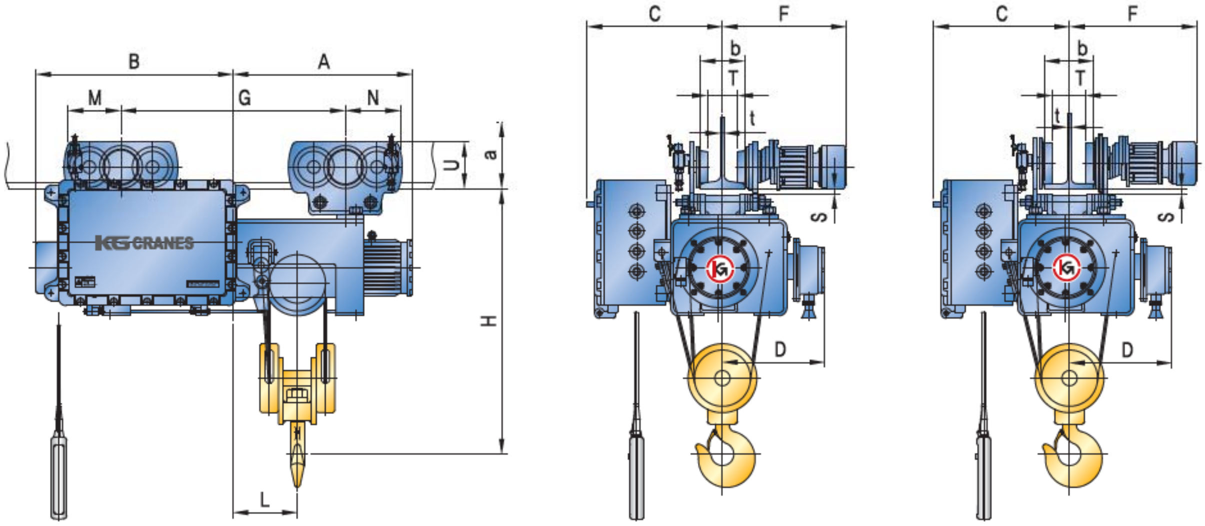


Capacity(Ton)			35	50	60	70
Type	Hoisting and Traversing Speed	High-HIGH	E-CKD35-H12-MH	E-CKD50-H12-MH	E-CKD60-H12-MH	E-CKD70-H12-MH
		High-Low	E-CKD35-H12-ML	E-CKD50-H12-ML	E-CKD60-H12-ML	E-CKD70-H12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed(m/min) High/Creep	50Hz	4/0.4	2.7/0.27	2/0.2	2/0.2
		60Hz	4.8/0.48	3.2/0.32	2.4/0.24	2.4/0.24
	Hoisting Motor (Kw x P)	High Speed	33x6	33x6	33x6	33x6
		Creep Speed	3.7x4	3.7x4	3.7x4	3.7x4
	Wire Rope	Construction	6xFi(25)	6xFi(25)	6xFi(25)	6xFi(25)
		Dia.(min)x no. of Ropes	Ø28x4 Falls	Ø28x6 Falls	Ø28x8 Falls	Ø28x8 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	12.5/15	12.5/15	12.5/15	12.5/15
		Low Speed 50/60(Hz)	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing Motor (Kw x P)	High Speed	2.2x4	2.2x4x2	2.2x4x2	3.7x4x2
		Low Speed	1.5x6	1.5x6x2	1.5x6x2	2.2x6x2
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	1490	1680	1780	1780
		R	1600	2300	2800	2800
		A	1025	1432	1525	1525
		B	955	1243	1150	1150
		C	1292	1400	1400	1400
		G	1835	2160	2410	2410
		K	1460	1815	2065	2065
		W	1550	2125	2125	2075
		D	70	80	80	80
		L	1044	1430	1930	1930
		M	215	275	275	300
		N	215	275	275	300
		P	Ø355	Ø450	Ø450	Ø500
		Q	Ø395	Ø490	Ø490	Ø540
Weight(approx.)(kg)			5550	7350	9200	9350
Rail(kg/m)			37 Kg/M	50 Kg/M	50 Kg/M	50 Kg/M

※ EX-KD □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type for Special

Regular Type - Normal (4~10ton)



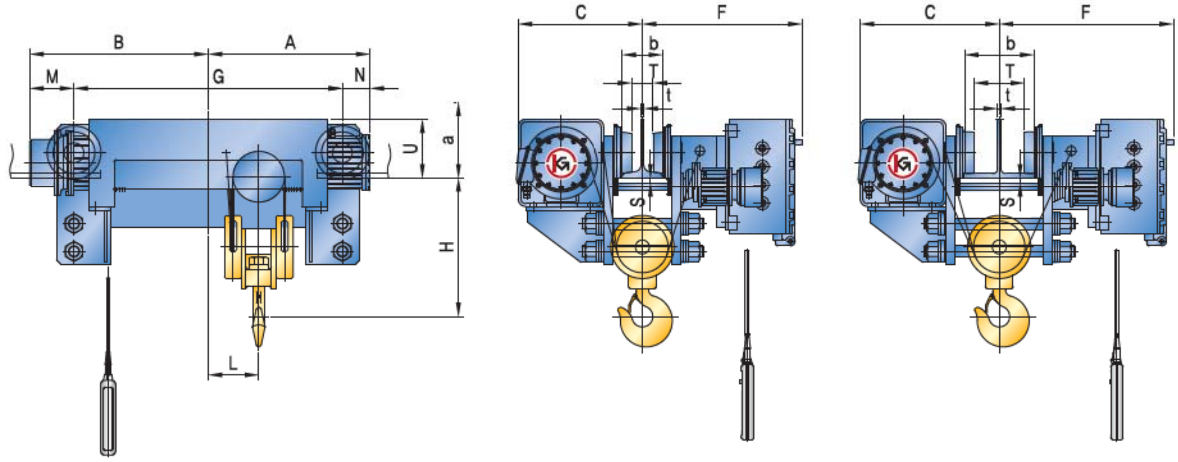
Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High-High	E-KSN04-H06-MH	E-KSN06-H06-MH	E-KSN08-H06-MH	E-KSN10-H06-MH
		High-Low	E-KSN04-H06-ML	E-KSN06-H06-ML	E-KSN08-H06-ML	E-KSN10-H06-ML
		Low-High	E-KSN04-L06-MH	E-KSN06-L06-MH	E-KSN08-L06-MH	E-KSN10-L06-MH
		Low-Low	E-KSN04-L06-ML	E-KSN06-L06-ML	E-KSN08-L06-ML	E-KSN10-L06-ML
Hoist	Max. Lift(m)		6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.2/5.0	3.8/4.5	2.3/2.8	2.3/2.8
		Low Speed 50/60(Hz)	2.1/2.5	2.0/2.3	1.8/2.1	1.8/2.1
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Low Speed	1.8x8	2.8x8	4.2x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	1050	1050	1390	1390
		A	579(776)	639(846)	655(847)	681(896)
		B	638(835)	648(855)	735(927)	761(976)
		D	415	465	530	550
		G	520(920)	550(960)	530(910)	580(1010)
		M	260	260	275	275
		N	225	225	275	275
		L	67(186)	67(274)	65(203)	55(270)

Capacity(Ton)		4					6					8					10				
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	I-300x150x19t~	665	332	24	96	182	665	332	23	96	122	–	–	–	–	–	–	–	–	–	–
	I-450x175x26t~	678	332	22	121	127	678	332	21	121	127	685	416	34	111	228	685	416	34	111	228
	I-600x190x25t~	–	–	–	–	–	–	–	–	–	–	693	416	32	118	230	693	416	32	118	230
H-BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(H-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	H-Hx150x20t~	665	332	24	96	184	665	332	21	121	182	–	–	–	–	–	–	–	–	–	–
	H-Hx200x26t~	690	332	21	146	191	695	332	15	171	191	685	416	31	111	232	710	416	34	128	231
	H-Hx300x30t~	–	–	–	–	–	–	–	–	–	–	710	416	27	211	236	760	416	28	228	235
Min.Radius of curvature(m)		For Straight Only(Curvature Hinge Type Option)																			
Weight(approx)(kg)		384(424)					454(530)					708(770)					728(790)				

※ EX-KSN □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type for Special

Low Head Type - Normal (4~10ton)



Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High–High	E–KSL04–H06–MH	E–KSL06–H06–MH	E–KSL08–H06–MH	E–KSL10–H06–MH
		High–Low	E–KSL04–H06–ML	E–KSL06–H06–ML	E–KSL08–H06–ML	E–KSL10–H06–ML
		Low–High	E–KSL04–L06–MH	E–KSL06–L06–MH	E–KSL08–L06–MH	E–KSL10–L06–MH
		Low–Low	E–KSL04–L06–ML	E–KSL06–L06–ML	E–KSL08–L06–ML	E–KSL10–L06–ML
Hoist	Max. Lift(m)		6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.2/5.0	3.8/4.5	2.3/2.8	2.3/2.8
		Low Speed 50/60(Hz)	2.1/2.5	2.0/2.3	1.8/2.1	1.8/2.1
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Low Speed	1.8x8	2.8x8	4.2x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	600	600	800	800
		A	609(806)	669(877)	680(877)	711(926)
		B	638(835)	648(855)	735(927)	761(976)
		G	770(1170)	790(1200)	770(1160)	830(1260)
		M	203(200)	203(205)	300(297)	296(296)
		N	149(146)	199(201)	225(222)	221(221)
		L	67(186)	67(274)	65(203)	55(270)

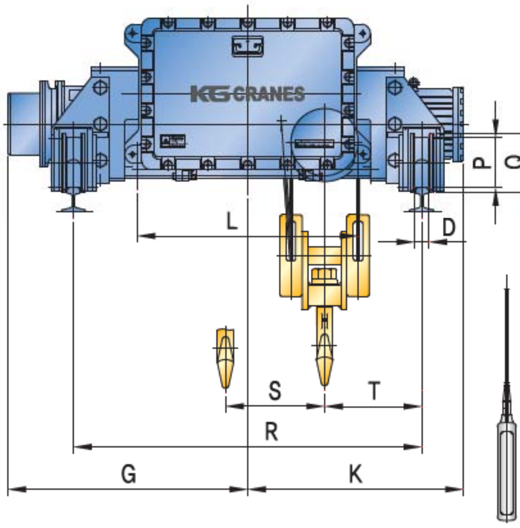
	axbxt	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
I–BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I–BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	I–300x150x19t~	565	705	25	68	266	565	705	25	68	266	–	–	–	–	–	–	–	–	–	–
	I–450x175x26t~	578	718	18	93	273	578	718	18	93	273	683	803	20	93	333	683	803	20	93	333
	I–600x190x25t~	–	–	–	–	–	–	–	–	–	–	691	811	19	108	332	691	811	19	108	332
H–BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(H–BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	H–Hx150x20t~	565	705	25	68	265	565	705	25	68	265	–	–	–	–	–	–	–	–	–	–
	H–Hx200x26t~	590	718	19	118	271	590	730	19	118	271	696	816	20	118	327	696	816	20	118	327
	H–Hx300x30t~	–	–	–	–	–	–	–	–	–	–	746	866	16	218	331	746	866	16	218	331

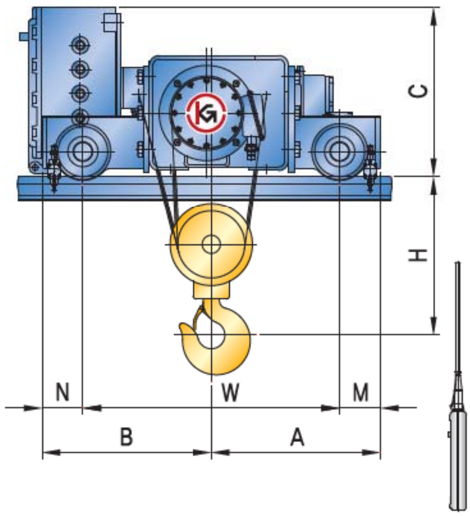
	4	6	8	10
Min.Radius of curvature(m)	For Straight Only			
Weight(approx)(kg)	399(439)	469(545)	728(790)	748(810)

※ EX-KSL □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type for Special

Double Low Head Type - Normal (4~10ton)



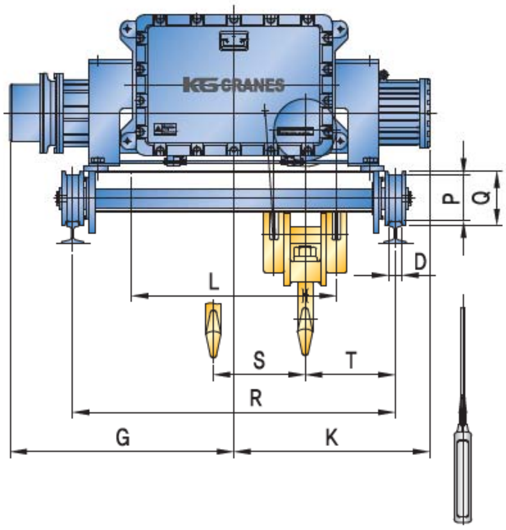


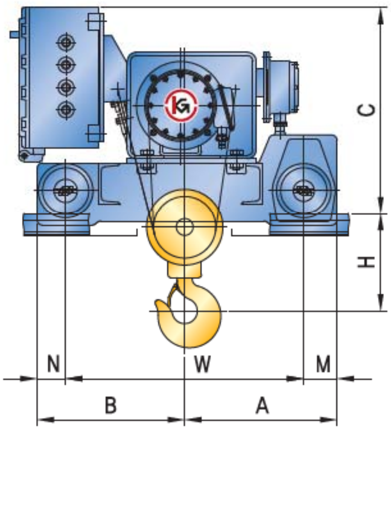
Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High–High	E–KSP04–H12–MH	E–KSP06–H12–MH	E–KSP08–H12–MH	E–KSP10–H12–MH
		High–Low	E–KSP04–H12–ML	E–KSP06–H12–ML	E–KSP08–H12–ML	E–KSP10–H12–ML
		Low–High	E–KSP04–L12–MH	E–KSP06–L12–MH	E–KSP08–L12–MH	E–KSP10–L12–MH
		Low–Low	E–KSP04–L12–ML	E–KSP06–L12–ML	E–KSP08–L12–ML	E–KSP10–L12–ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.2/5.0	3.8/4.5	2.3/2.8	2.3/2.8
		Low Speed 50/60(Hz)	2.1/2.5	2.0/2.3	1.8/2.1	1.8/2.1
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Low Speed	1.8x8	2.8x8	4.2x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	510	510	755	755
		R	1150	1150	1150	1150
		A	560	560	705	705
		B	560	560	705	705
		C	760	760	945	945
		G	836	880	924	976
		K	777	821	844	896
		W	850	850	1070	1070
		D	47	47	58	58
		L	767	798	732	824
		M	135	135	170	170
		N	135	135	170	170
		P	Ø165	Ø165	Ø165	Ø165
		Q	Ø195	Ø165	Ø195	Ø195
		T	334	334	374	382
		S	519	536	472	537
Weight(approx.)(kg)			540	540	960	975
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ EX-KSP □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type for Special

Double Rail Type - Normal (4~10ton)



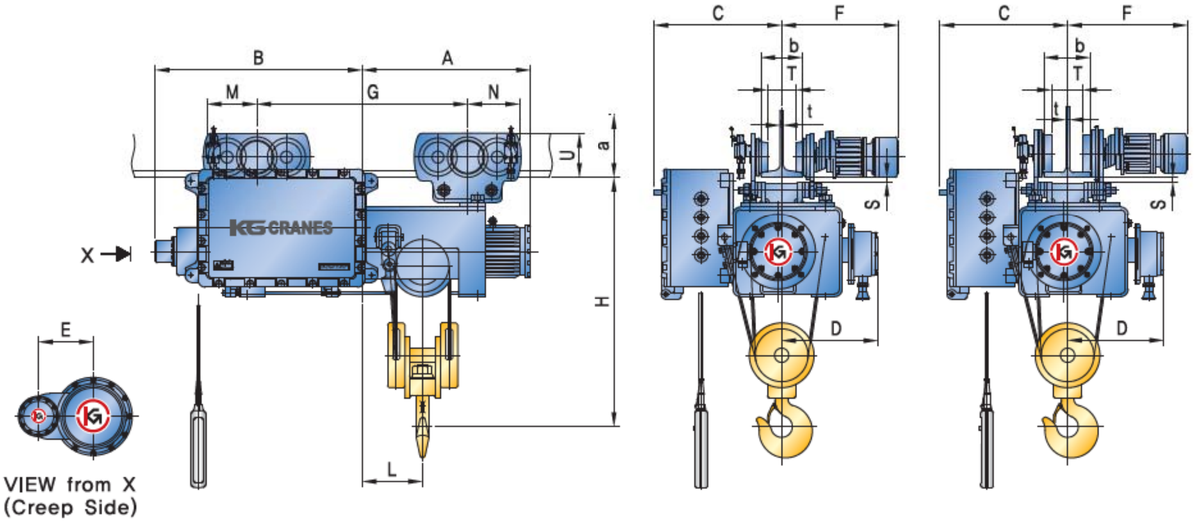


Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High–High	E–KSD04–H12–MH	E–KSD06–H12–MH	E–KSD08–H12–MH	E–KSD10–H12–MH
		High–Low	E–KSD04–H12–ML	E–KSD06–H12–ML	E–KSD08–H12–ML	E–KSD10–H12–ML
		Low–High	E–KSD04–L12–MH	E–KSD06–L12–MH	E–KSD08–L12–MH	E–KSD10–L12–MH
		Low–Low	E–KSD04–L12–ML	E–KSD06–L12–ML	E–KSD08–L12–ML	E–KSD10–L12–ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.2/5.0	3.8/4.5	2.3/2.8	2.3/2.8
		Low Speed 50/60(Hz)	2.1/2.5	2.0/2.3	1.8/2.1	1.8/2.1
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Low Speed	1.8x8	2.8x8	4.2x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	350	350	580	580
		R	1150	1150	1150	1150
		A	544	544	654	654
		B	528	528	638	638
		C	910	950	1080	1080
		G	836	880	924	976
		K	777	821	844	896
		W	850	850	1050	1050
		D	47	47	58	58
		L	767	798	732	824
		M	119	119	129	129
		N	103	103	113	113
		P	Ø165	Ø165	Ø165	Ø165
		Q	Ø195	Ø165	Ø195	Ø195
		T	334	334	374	382
		S	519	536	472	537
Weight(approx.)(kg)			600	610	1030	1060
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ EX-KSD □□□□-N-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type for Special

Regular Type - Creep (4~10ton)

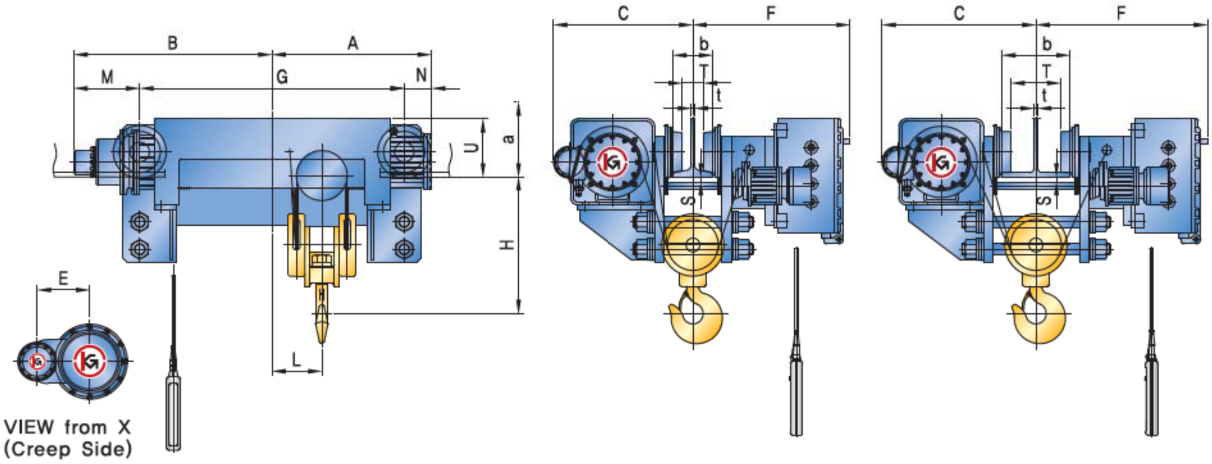


Capacity(Ton)			4					6					8					10				
Type	Hoisting Speed	High-HIGH	E-CKSN04-H06-MH					E-CKSN06-H06-MH					E-CKSN08-H06-MH					E-CKSN10-H06-MH				
		High-Low	E-CKSN04-H06-ML					E-CKSN06-H06-ML					E-CKSN08-H06-ML					E-CKSN10-H06-ML				
Hoist	Max. Lift(m)		6(12)					6(12)					6(12)					6(12)				
	Hoisting Speed(m/min) High/Creep	50Hz	4.2/0.42					3.8/0.38					2.3/0.23					2.3/0.23				
		60Hz	5.0/0.5					4.5/0.45					2.8/0.28					2.8/0.28				
	Hoisting Motor (Kw x P)	High Speed	3.7x4					5.5x4					5.5x6					5.5x6				
		Creep Speed	0.4x4					1.1x4					1.0x6					1.0x6				
	Wire Rope	Construction	6x37					6x37					6x37					6x37				
		Dia.(min)x no. of Ropes	Ø10x4 Falls					Ø12.5x4 Falls					Ø14x4 Falls					Ø16x4 Falls				
	Brake		DC Magnet Disc Brake																			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24					20/24					20/24					20/24				
		Low Speed 50/60(Hz)	13/16					13/16					13/16					13/16				
	Traversing Motor (Kw x P)	High Speed	0.75x4					0.75x4					0.75x4					0.75x4				
		Low Speed	0.5x6					0.5x6					0.5x6					0.5x6				
	Brake		DC Magnet Disc Brake																			
Dimensions(approx)(mm)		H	1050					1050					1390					1390				
		A	579(776)					639(846)					655(847)					681(896)				
		B	803(1000)					883(1090)					970(1162)					996(1211)				
		D	415					565					530					550				
		G	520(920)					550(960)					530(910)					580(1010)				
		M	260					260					275					275				
		N	225					225					275					275				
		L	67(186)					67(274)					225(222)					55(270)				
		E	375					555					655					655				
I-BEAM TYPE DIMENSIONS (APPROX.)(MM)		axbxt(I-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
		I-300x150x19t~	665	332	24	96	182	665	332	23	96	122	–	–	–	–	–	–	–	–	–	–
		I-450x175x26t~	678	332	22	121	127	678	332	21	121	127	685	416	34	111	228	685	416	34	111	228
		I-600x190x25t~	–	–	–	–	–	–	–	–	–	–	693	416	32	118	230	693	416	32	118	230
H-BEAM TYPE DIMENSIONS (APPROX.)(MM)		axbxt(H-BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
		H-Hx150x20t~	665	332	24	96	184	665	332	21	121	182	–	–	–	–	–	–	–	–	–	–
		H-Hx200x26t~	690	332	21	146	191	690	332	15	171	191	685	416	31	111	232	710	416	34	128	231
		H-Hx300x30t~	–	–	–	–	–	–	–	–	–	–	710	416	27	211	236	760	416	28	228	235
Min.Radius of curvature(m)			For Straight Only(Curvature Hinge Type Option)																			
Weight(approx)(kg)			454(484)					524(600)					788(850)					808(870)				

※ EX-KSN □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type for Special

Low Head Type - Creep (4~10ton)



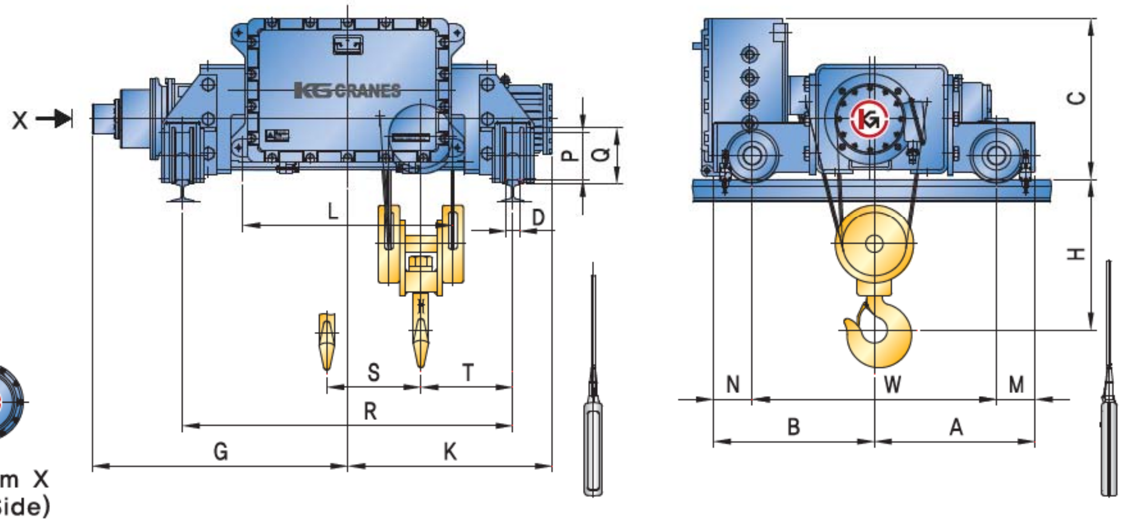
Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High–HIGH	E–CKSL04–H06–MH	E–CKSL06–H06–MH	E–CKSL08–H06–MH	E–CKSL10–H06–MH
		High–Low	E–CKSL04–H06–ML	E–CKSL06–H06–ML	E–CKSL08–H06–ML	E–CKSL10–H06–ML
Hoist	Max. Lift(m)		6(12)	6(12)	6(12)	6(12)
	Hoisting Speed(m/min) High/Creep	50Hz	4.2/0.42	3.8/0.38	2.3/0.23	2.3/0.23
		60Hz	5.0/0.5	4.5/0.45	2.8/0.28	2.8/0.28
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Creep Speed	0.4x4	1.1x4	1.0x6	1.0x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	600	600	800	800
		A	609(806)	669(876)	685(877)	711(926)
		B	803(1000)	883(1090)	970(1162)	996(1211)
		G	770(1170)	790(1200)	770(1160)	830(1260)
		M	203(200)	203(205)	300(297)	296(296)
		N	149(146)	199(201)	225(222)	221(221)
		L	67(186)	67(274)	65(203)	55(270)
		E	375	555	655	655

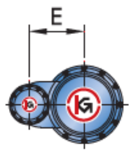
Capacity(Ton)		4					6					8					10				
I–BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(I–BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	I–300x150x19t~	565	705	25	68	266	565	705	25	68	266	–	–	–	–	–	–	–	–	–	–
	I–450x175x26t~	578	718	18	93	273	578	718	18	93	273	683	803	20	93	333	683	803	20	93	333
	I–600x190x25t~	–	–	–	–	–	–	–	–	–	–	691	811	19	108	332	691	811	19	108	332
H–BEAM TYPE DIMENSIONS (APPROX.)(MM)	axbxt(H–BEAM)	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	H–Hx150x20t~	565	705	25	68	265	565	705	25	68	265	–	–	–	–	–	–	–	–	–	–
	H–Hx200x26t~	590	730	19	118	271	590	730	19	118	271	696	816	20	118	327	696	816	20	118	327
	H–Hx300x30t~	–	–	–	–	–	–	–	–	–	–	746	866	16	218	331	746	866	16	218	331
Min.Radius of curvature(m)		For Straight Only																			
Weight(approx)(kg)		469(509)					539(615)					808(870)					828(880)				

※ EX-KSL □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type for Special

Double Rail Type - Creep (4~10ton)



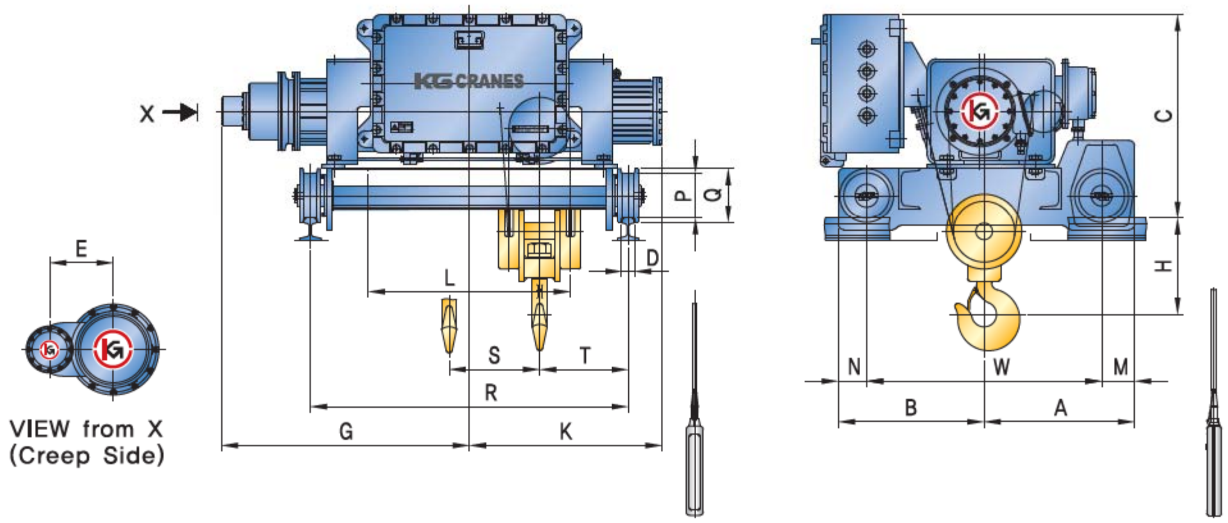


VIEW from X
(Creep Side)

Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High-HIGH	E-CKSP04-H12-MH	E-CKSP06-H12-MH	E-CKSP08-H12-MH	E-CKSP10-H12-MH
		High-Low	E-CKSP04-H12-ML	E-CKSP06-H12-ML	E-CKSP08-H12-ML	E-CKSP10-H12-ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed(m/min) High/Creep	50Hz	4.2/0.42	3.8/0.38	2.3/0.23	2.3/0.23
		60Hz	5.0/0.5	4.5/0.45	2.8/0.28	2.8/0.28
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Creep Speed	0.4x4	1.1x4	1.0x6	1.0x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	510	510	755	755
		R	1150	1150	1150	1150
		A	560	560	705	705
		B	560	560	705	705
		C	760	760	945	945
		G	1000	1090	1162	1162
		K	777	821	844	896
		W	850	850	1070	1070
		D	47	47	58	58
		L	767	798	732	824
		M	135	135	170	170
		N	135	135	170	170
		P	Ø165	Ø165	Ø165	Ø165
		Q	Ø195	Ø165	Ø195	Ø195
		E	375	375	425	425
		T	334	334	374	382
		S	519	536	472	537
Weight(approx.)(kg)			610	620	1040	1055
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ EX-KSP □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

WIRE HOIST Explosion Proof Type for Special
Double Rail Type - Creep (4~10ton)

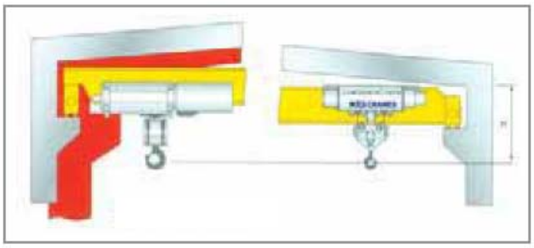


Capacity(Ton)			4	6	8	10
Type	Hoisting Speed	High–HIGH	E–CKSD04–H12–MH	E–CKSD06–H12–MH	E–CKSD08–H12–MH	E–CKSD10–H12–MH
		High–Low	E–CKSD04–H12–ML	E–CKSD06–H12–ML	E–CKSD08–H12–ML	E–CKSD10–H12–ML
Hoist	Max. Lift(m)		12	12	12	12
	Hoisting Speed(m/min) High/Creep	50Hz	4.2/0.42	3.8/0.38	2.3/0.23	2.3/0.23
		60Hz	5.0/0.5	4.5/0.45	2.8/0.28	2.8/0.28
	Hoisting Motor (Kw x P)	High Speed	3.7x4	5.5x4	5.5x6	5.5x6
		Creep Speed	0.4x4	1.1x4	1.0x6	1.0x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
		Dia.(min)x no. of Ropes	Ø10x4 Falls	Ø12.5x4 Falls	Ø14x4 Falls	Ø16x4 Falls
	Brake		DC Magnet Disc Brake			
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24	20/24	20/24	20/24
		Low Speed 50/60(Hz)	13/16	13/16	13/16	13/16
	Traversing Motor (Kw x P)	High Speed	0.75x4	0.75x4	0.75x4	0.75x4
		Low Speed	0.5x6	0.5x6	0.5x6	0.5x6
	Brake		DC Magnet Disc Brake			
Dimensions(approx)(mm)		H	350	350	580	580
		R	1150	1150	1150	1150
		A	544	544	654	654
		B	528	528	638	638
		C	910	950	1080	1080
		G	1000	1090	1162	1211
		K	777	821	844	896
		W	850	850	1050	1050
		D	47	47	58	58
		L	767	798	732	824
		M	119	119	129	129
		N	103	103	113	113
		P	Ø165	Ø165	Ø165	Ø165
		Q	Ø195	Ø165	Ø195	Ø195
		E	375	375	425	425
		T	334	334	374	382
		S	519	536	472	537
Weight(approx.)(kg)			670	680	1110	1140
Rail(kg/m)			15 Kg/M	15 Kg/M	15 Kg/M	15 Kg/M

※ EX-KSD □□□□-C-H□□ Hoist Name Plate shall be typed as per above coding

LS HOIST (only for LScrane)

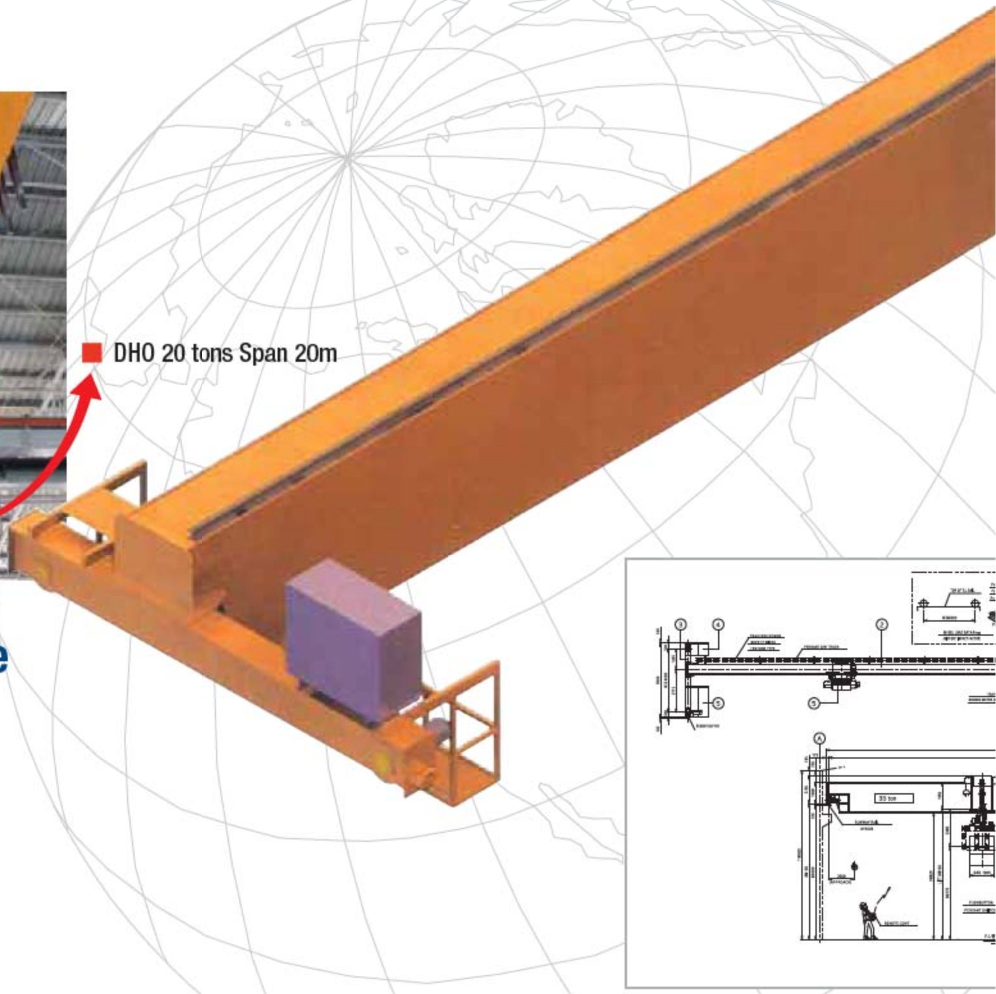
Construction cost saving crane



This is good for factory who needs larger space due to big sized production.
This is also good for municipal apartment factory whose roof is low and whose work is precision assembly.
In order to meet such requirement, we reduced absolute dimension.
When compared with same grade single girder crane, we reduced crane self height by 2m from 3.6m to 1.6m.

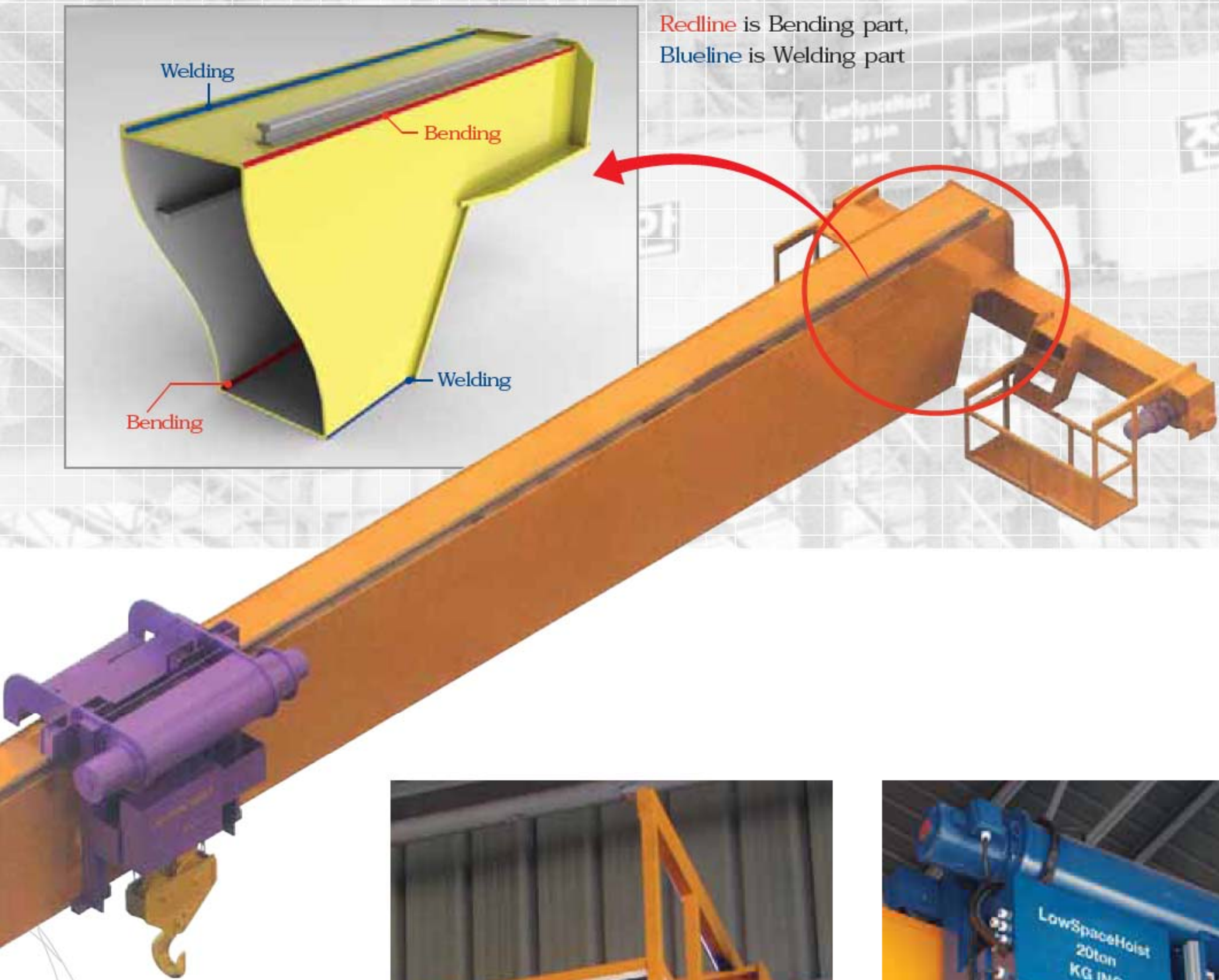
■ MHO 20 tons Span 20m

■ DHO 20 tons Span 20m

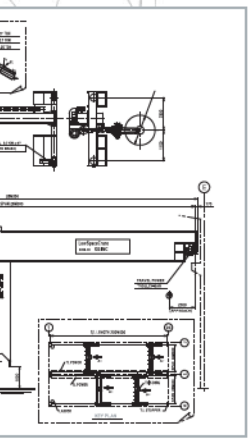


Extraordinary crane girder size

This crane has single girder size while suffices double girder crane hook height.
This means self weight has decreased by 44% compared with same grade double girder crane.



Redline is Bending part,
Blueline is Welding part



New Concept Saddle

As there is no extruding gear, lifetime is very long.
It prevents environment contamination.
It also keeps working area clean.

VVVF Inverter Control

As there is no vibration, noize and slip,
even unskilled worker can use easily and
this will enables safe and precise handling.

Clean Crane

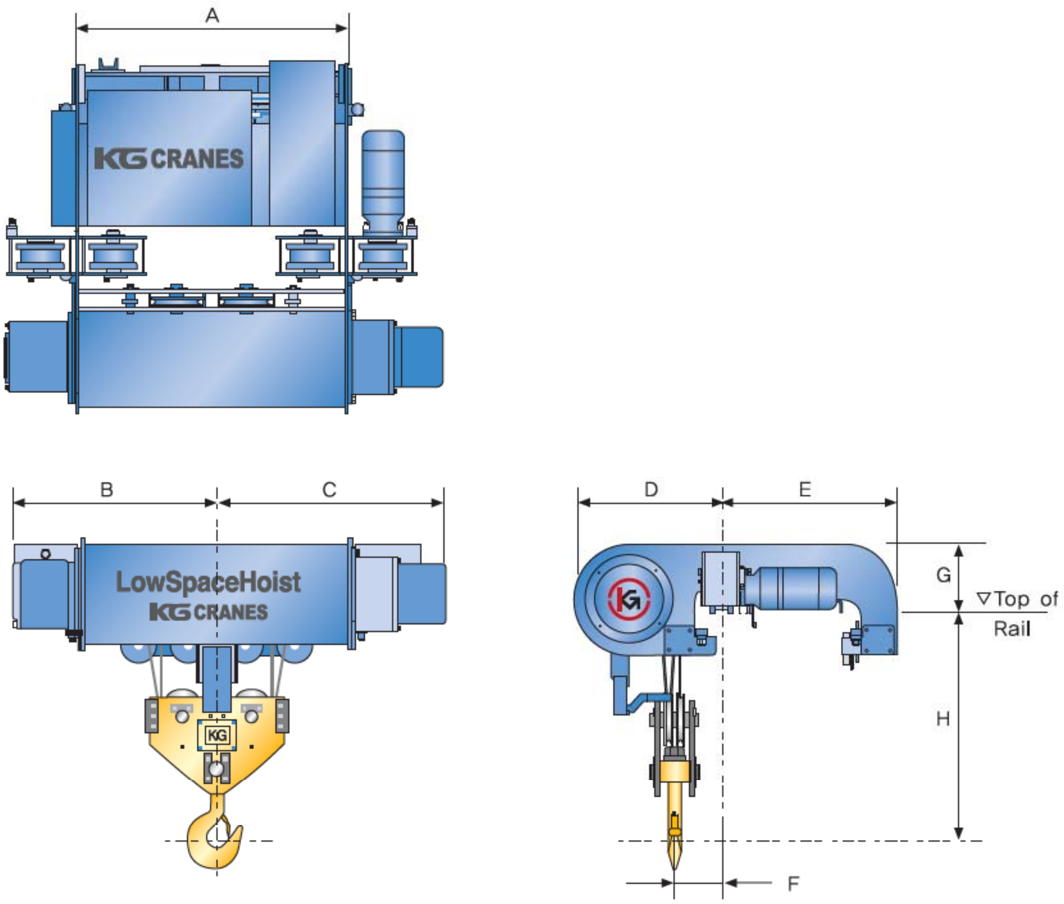
This is environment friendly crane that has low noize and
low vibration that is good for a work place where vibration
and noize affect to the production.

Innovative Hook Height

This crane will suffices incredible
hook height from normal single girder .
It satisfies the hook height of
double girder crane or even above.

LS HOIST Only for LScrane

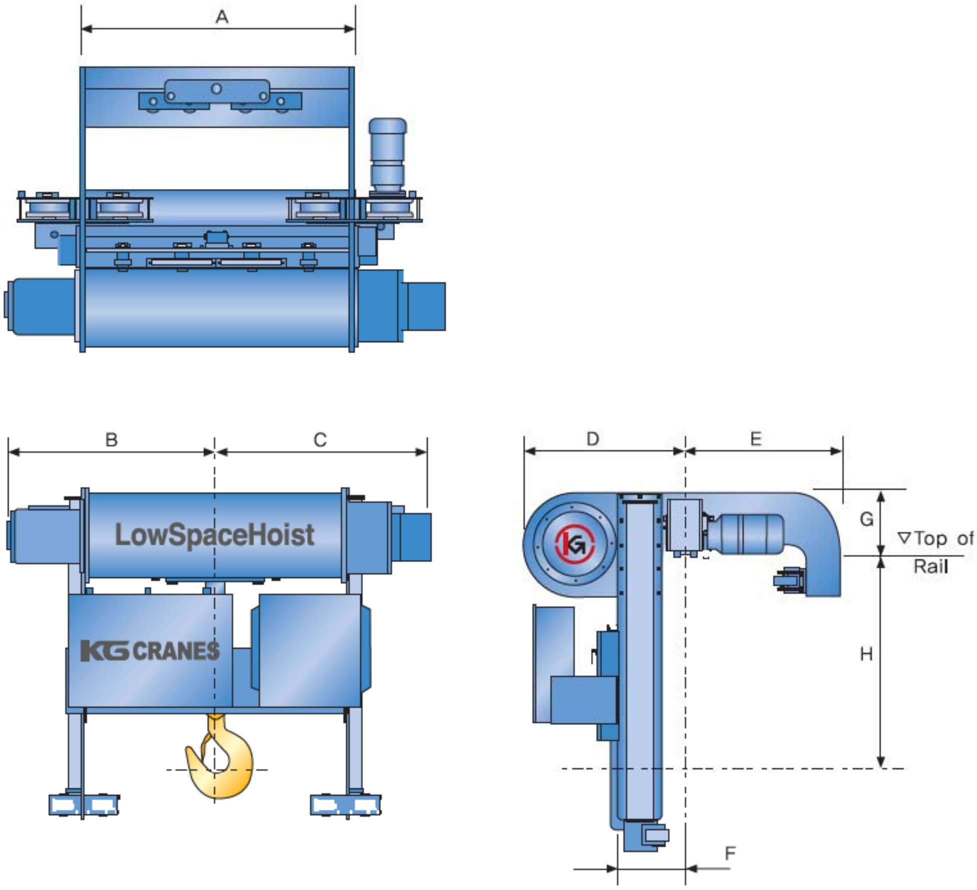
2 ~ 10 ton



Model		LS 200			LS 300			LS 400			LS 500			LS 600			LS 800			LS 1000		
Capacity(ton)		2			3			4			5			6			8			10		
Hoist	lift(m)	12	18	24	12	18	24	6	9	12	12	18	24	6	9	12	12	18	24	12	18	24
	Speed(m/min)	5	10		4.5	9		2.5	5		4.2	5.6		2.3	4.5		2.8	3.8		4.5		
	Motor(kw×P)	1.8×8	3.7×4		2.8×8	5.5×4		1.8×8	3.7×4		4.2×8	3.5×6		2.8×8	5.5×4		4.5×8	6.0×6		9×8		
	Wire Rope (Dia(ϕ)×No.of Ropes)	8×4			9×4			8×8			12.5×4			9×8			14×4			16×4		
Traversing	Speed(m/min)	10	16		10	16		10	16		12	19		12	19		12	19		12	19	
	Motor(kw×P)	0.5×6	0.75×4		0.5×6	0.75×4		0.5×6	0.75×4		0.5×6	0.75×4		0.5×6	0.75×4		0.5×6	0.75×4		0.5×6	0.75×4	
	Wheel(ϕ)	140			140			140			160			160			160			160		
	Rail(kg/m)	15			15			15			15			15			15			15		
Dimension (mm)	A	816	1116	1296	816	1116	1416	816	1116	1296	1011	1511	1861	818	1118	1418	989	1489	1839	989	1489	1839
	B	750	900	990	750	900	1050	750	900	990	847	1097	1272	706	856	1006	836	1086	1261	953	1203	1378
	C	808	958	1048	808	958	1108	808	958	1048	938	1188	1363	809	959	1109	927	1177	1352	999	1249	1424
	D	614			614			614			664			614			734			734		
	E	751			751			751			751			751			751			751		
	F	215			215			215			215			245			235			235		
	G	220			250			270			280			261			300			325		
	H	550			600			750			825			915			900			1015		
Weight	(kg)	450	620	790	550	750	950	550	720	890	950	1160	1220	750	950	1150	1000	1280	1400	1365	1550	1690

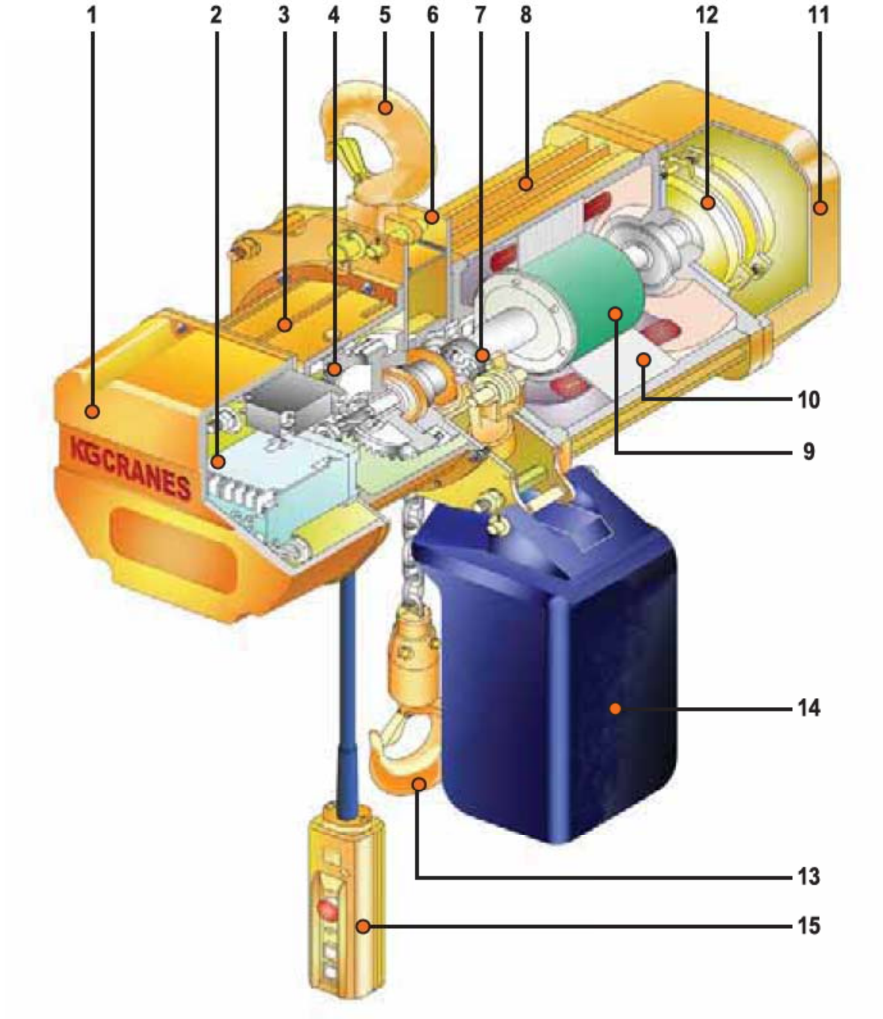
LS HOIST Only for LScrane

15 ~ 40 ton



Model		LS 1500			LS 2000			LS 3000			LS 4000		
Capacity(ton)		15			20			30			40		
Hoist	lift(m)	12	18	24	12	18	24	8	12	16	6	9	12
	Speed(m/min)	4.5			4.2			2.8			2.1		
	Motor(kw×P)	13×8			17×8			17×8			17×8		
	Wire Rope (Dia(φ)×No.of Ropes)	20×4			22.4×4			22.4×6			22.4×8		
Traversing	Speed(m/min)	16	24		16	24		19	30		16	24	
	Motor(kw×P)	1.0×6	1.5×4		1.0×6	1.5×4		1.0×6 (2Units)	1.5×4 (2Units)		1.5×6 (2Units)	2.2×4 (2Units)	
	Wheel(φ)	200			200			250			315		
	Rail(kg/m)	22			22			30			37		
Dimension (mm)	A	1032	1482	2032	1113	1613	2013	1110	1610	2010	1108	1608	2008
	B	1006	1231	1506	1217	1467	1667	1216	1466	1666	1215	1465	1665
	C	1079	1304	1579	1164	1414	1614	1163	1413	1613	1162	1412	1612
	D	950			1005			1150			1250		
	E	950			950			950			950		
	F	370			375			400			450		
	G	390			430			520			600		
	H	1080			1240			1480			1700		
Weight	(kg)	2070	2400	2570	2600	2895	3070	3500	4000	4500	5500	6000	6500

CHAIN HOIST



1. Electrical equipment cover
2. Electrical Components
3. Gearbox
4. Slipping clutch
5. Top hook
6. Center frame
7. Load sheave
8. Motor frame
9. Rotor
10. Stator
11. Brake Cover
12. Brake
13. Bottom hook
14. Chain bucket
15. Push button

EXPLANATION OF HOIST DESIGNATION

KG T – S 1000 – AF

- AF: *Other
  - SP = Single Phase
  - AF = A Frame
  - BF = B Frame
  - CF = C Frame
- 1000: *Hoist capacity (KG)
  - 1000KG, 2000KG…
- S: *Hoisting speed
  - S = Single Speed
  - D = Dual speed
- T: *Travesing method
  - O = Ordinary type
  - T = Motor Driven Trolley
  - L = Low head type
- KG: KG CRANES

MAIN PRODUCTS

Electric Chain Hoist

Suspension Type
1/2ton~20ton

Motor Trolley Type
1/2ton~20ton

Low-Head Type
1/2ton~5ton

Single Phase Hoist
1/2ton~2ton

Crane & Components of Crane

Crane

Saddle

Geared Motor

Soft Starter

SELECTION CRITERIA

You can use CHAIN HOIST for a long time without any trouble if you select it properly according

KG Cranes Chain Hoists are allocated to mechanism groups in accordance with the following regulations. Under the allowance of the following mechanism groups, the hoist should be operated and should not exceed the nominal values. On each identification plate The following is indicated.

Hook suspension chain hoist : FEM 9.511 (Hoist = FEM 2m 40% ED)
Motor trolley mounted series : FEM 9.511 (Hoist/Trolley + FEM 2m 1Am 40 / 25% ED)
Starting frequency = 240 time/Hr.

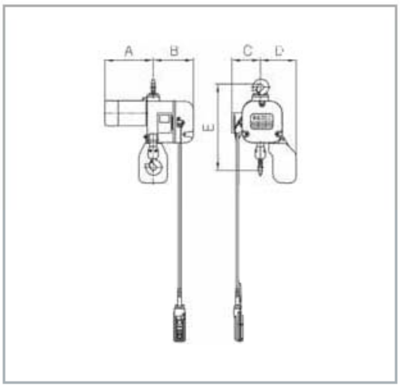
FEM Mechanism Group 9.511

(Rules for Design of Serial Lifting Equipment : Classfication of Mechanism)

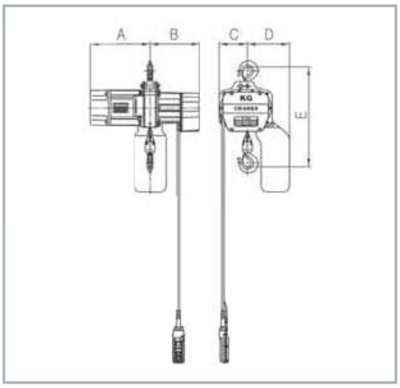
Mechanism group	1Bm	1Am	2m	3m	4m	5m
Load group	Average operating period per day (h)					
Light k < 0.50	<2	2-4	4-8	8-16	>16	-
Medium 0.50 < k < 0.63	<1	1-2	2-4	4-8	8-16	>16
Heavy 0.30 < k < 0.80	<0.5	0.5-1	1-2	2-4	4-8	8-16
Very Heavy 0.80 < k < 1.00	<0.25	<0.5	0.5-1	1-2	2-4	4-8

CHAIN HOIST

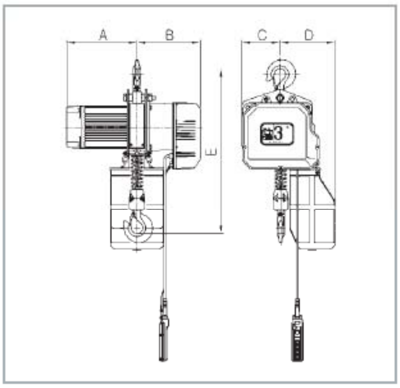
Suspension Type



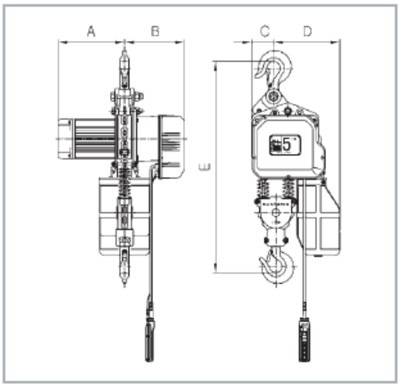
A-Frame 250~500kg



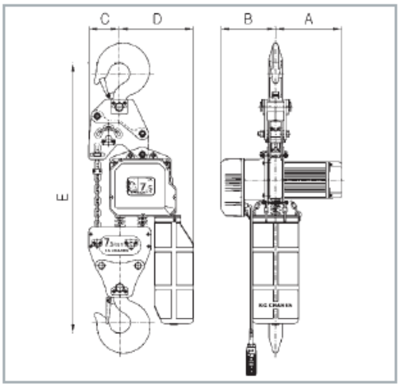
B-Frame 1000~3000kg [2falls]



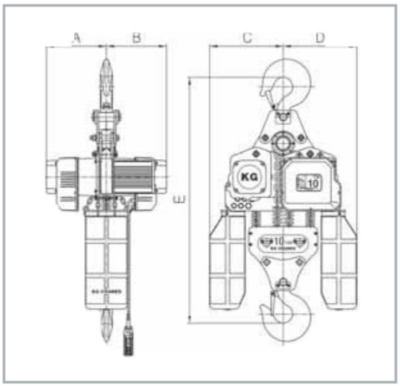
C-Frame 3000kg



C-Frame 5000kg



C-Frame 7500kg



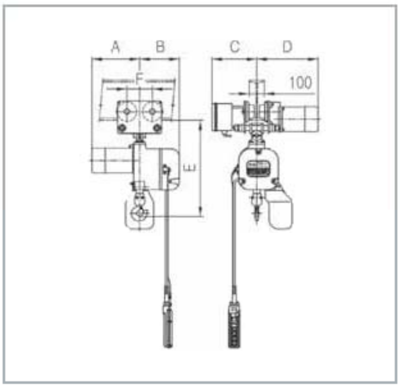
C-Frame 10000kg

Frame	Model	Capacity (KG)	Hoisting Motor-Single				Hoisting Motor-Dual				Load Chain (mm*Falls)	Net.Weight (kgs)	Dimension					
			Power(kw)		Speed(m/min)		Power(kw)		Speed(m/min)				Single					Dual
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz			A	B	C	D	E	A
A	KGO-S250	250	0.21*8P	0.25*8P	3.5	4.2	–	–	–	–	Ø5x1	32	245	238	150	180	430	–
			0.42*4P	0.5*4P	7	8.4	–	–	–	–								
	KGO-S490	490	0.42*4P	0.5*4P	3.5	4.2	–	–	–	–	Ø5x2	37	245	238	150	180	430	–
	KGO-S500	500	0.92*4P	1.1*4P	7	8.4	–	–	–	–	Ø5x1							
B	KGO-S(D)500	500	1.25*4P	1.5*4P	9	10.8	1.25/0.63*4/8P	1.5/0.75*4/8P	9.0/4.5	10.8/5.4	Ø7.1x1	65	295	245	145	210	495	325
	KGO-S(D)1000	1000	1.25*4P	1.5*4P	5.8	7	1.25/0.63*4/8P	1.5/0.75*4/8P	5.8/2.9	7.0/3.5	Ø7.1 x1	65	295	245	145	210	495	325
			1.25*4P	1.5*4P	6.4	7.7	1.25/0.63*4/8P	1.5/0.75*4/8P	6.4/3.2	7.7/3.9								
	KGO-S(D)1250	1250	1.7*4P	2.0*4P	5.8	7	1.7/0.85*4/8P	2.0/1.0*4/8P	5.8/2.9	7.0/3.5	Ø7.1x1	65	295	245	145	210	495	325
			1.7*4P	2.0*4P	6.4	7.7	1.7/0.85*4/8P	2.0/1.0*4/8P	6.4/3.2	7.7/3.9								
	KGO-S(D)1500	1500	2.1*4P	2.5*4P	6.7	8	2.1/1.05*4/8P	2.5/1.25*4/8P	6.7/3.3	8.0/4.0	Ø8.0x1	75	325	245	170	240	525	355
			2.1*4P	2.5*4P	7.3	8.8	2.1/1.05*4/8P	2.5/1.25*4/8P	7.3/3.7	8.8/4.4								
	KGO-S(D)1800	1800	1.25*4P	1.5*4P	2.9	3.5	1.25/0.63*4/8P	1.5/0.75*4/8P	2.9/1.5	3.5/1.8	Ø7.1x2	80	295	245	145	210	575	325
	KGO-S(D)2000	2000	1.25*4P	1.5*4P	2.9	3.5	1.25/0.63*4/8P	1.5/0.75*4/8P	3.2/1.6	3.9/1.9								
	KGO-S(D)2500	2500	1.7*4P	2.0*4P	2.9	3.5	1.7/0.85*4/8P	2.0/1.0*4/8P	2.9/1.5	3.5/1.8	Ø7.1x2	80	295	245	145	210	575	325
			1.7*4P	2.0*4P	3.2	3.9	1.7/0.85*4/8P	2.0/1.0*4/8P	3.2/1.6	3.9/2.0								
	KGO-S(D)3000	3000	2.1*4P	2.5*4P	3.3	4	2.1/1.05*4/8P	2.5/1.25*4/8P	3.3/1.7	4.0/2.0	Ø8.0 x2	85	325	245	170	240	645	355
			2.1*4P	2.5*4P	3.7	4.4	2.1/1.05*4/8P	2.5/1.25*4/8P	3.7/1.8	4.4/2.2								
C	KGO-S(D)3000	3000	2.9*4P	3.5*4P	5	6	2.9/1.45*4/8P	3.5/1.75*4/8P	5.0/2.5	6.0/3.0	Ø11.2x1	120	350	315	195	285	830	390
	KGO-S(D)5000	5000	2.9*4P	3.5*4P	2.5	3	2.9/1.45*4/8P	3.5/1.75*4/8P	2.5/1.3	3.0/1.5	Ø11.2x2	220	350	315	125	350	1190	390
	KGO-S(D)7500	7500	2.9*4P	3.5*4P	1.7	2	2.9/1.45*4/8P	3.5/1.75*4/8P	1.7/0.8	2.0/1.0	Ø11.2x3	390	385	325	190	430	1550	390
	KGO-S(D)10000	10000	2.9*4P	3.5*4P	1.3	1.5	2.9/1.45*4/8P	3.5/1.75*4/8P	1.3/0.6	1.5/0.8	Ø11.2x4	550	385	385	465	465	1550	390

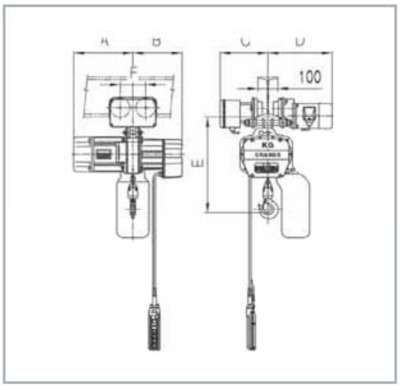
standard

CHAIN HOIST

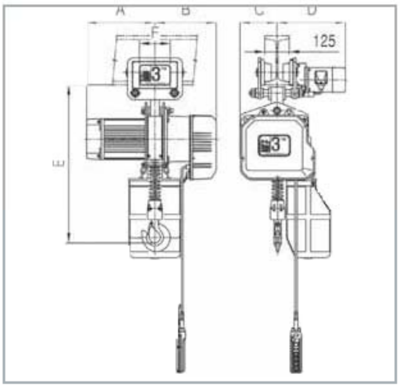
Motor Trolley Type



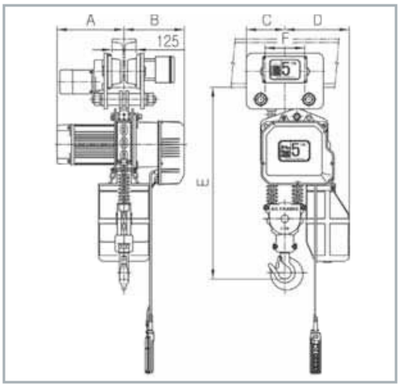
A-Frame 250~500kg



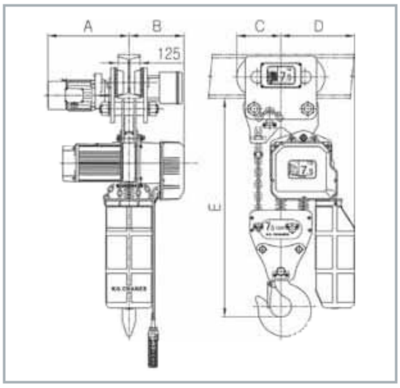
B-Frame 1000~3000kg [2falls]



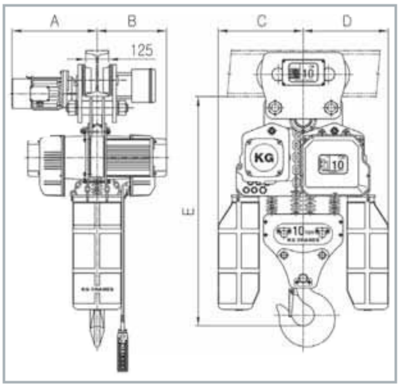
C-Frame 3000kg



C-Frame 5000kg



C-Frame 7500kg



C-Frame 10000kg

Frame	Model	Capacity (KG)	Hoisting Motor-Single Power(kw) 50Hz	Hoisting Motor-Single Power(kw) 60Hz	Hoisting Motor-Single Speed(m/min) 50Hz	Hoisting Motor-Single Speed(m/min) 60Hz	Hoisting Motor-Dual Power(kw) 50Hz	Hoisting Motor-Dual Power(kw) 60Hz	Hoisting Motor-Dual Speed(m/min) 50Hz	Hoisting Motor-Dual Speed(m/min) 60Hz	Traversing Motor Power(kw) 50Hz	Traversing Motor Power(kw) 60Hz	Traversing Motor Speed(m/min) 50Hz	Traversing Motor Speed(m/min) 60Hz	Load Chain (mm* Falls)	Net. Weight (kgs)	I-Beam Width (mm)	Min. Radius For Curve (mm)	Dimension Single A	Dimension Single B	Dimension Single C	Dimension Single D	Dimension Single E	Dimension Dual A
A	KG T-S250	250	0.21*8P	0.25*8P	3.5	4.2	–	–	–	–	0.33*4P	0.4*4P	16.7	20	Ø5x1	58	75~125	1200	245	238	240	320	490	–
			0.42*4P	0.5*4P	7	8.4	–	–	–	–														
	KG T-S490	490	0.42*4P	0.5*4P	3.5	4.2	–	–	–	–	0.33*4P	0.4*4P	16.7	20	Ø5x2 Ø5x1	60			245	238	240	320	490	–
	KG T-S500	500	0.92*4P	1.1*4P	7	8.4	–	–	–	–														
B	KG T-S(D)500	500	1.25*4P	1.5*4P	9	10.8	1.25/0.63*4/8P	1.5/0.75*4/8P	9.0/4.5	10.8/5.4	0.33*4P	0.4*4P	16.7	20	Ø7.1x1	105	75~125	1200	295	245	240	320	500	325
	KG T-S(D)1000	1000	1.25*4P	1.5*4P	5.8	7	1.25/0.63*4/8P	1.5/0.75*4/8P	5.8/2.9	7.0/3.5	0.33*4P	0.4*4P	16.7	20	Ø7.1x1	105			295	245	240	320	500	325
			1.25*4P	1.5*4P	6.4	7.7	1.25/0.63*4/8P	1.5/0.75*4/8P	6.4/3.2	7.7/3.9														
	KG T-S(D)1250	1250	1.7*4P	2.0*4P	5.8	7	1.7/0.85*4/8P	2.0/1.0*4/8P	5.8/2.9	7.0/3.5	0.33*4P	0.4*4P	16.7	20	Ø7.1x1	105			295	245	240	320	500	325
			1.7*4P	2.0*4P	6.4	7.7	1.7/0.85*4/8P	2.0/1.0*4/8P	6.4/3.2	7.7/3.9														
	KG T-S(D)1500	1500	2.1*4P	2.5*4P	6.7	8	2.1/1.05*4/8P	2.5/1.25*4/8P	6.7/3.3	8.0/4.0	0.33*4P	0.4*4P	15.8	19	Ø8.0x1	115	100~150	1500	325	245	240	320	530	355
			2.1*4P	2.5*4P	7.3	8.8	2.1/1.05*4/8P	2.5/1.25*4/8P	7.3/3.7	8.8/4.4														
	KG T-S(D)1800	1800	1.25*4P	1.5*4P	2.9	3.5	1.25/0.63*4/8P	1.5/0.75*4/8P	2.9/1.5	3.5/1.8	0.33*4P	0.4*4P	15.8	19	Ø7.1x2	115			295	245	240	320	580	325
	KGT-S(D)2000	2000	1.25*4P	1.5*4P	2.9	3.5	1.25/0.63*4/8P	1.5/0.75*4/8P	2.9/1.5	3.5/1.8														
	KGT-S(D)2500	2500	1.7*4P	2.0*4P	2.9	3.5	1.7/0.85*4/8P	2.0/1.0*4/8P	2.9/1.5	3.5/1.8	0.33*4P	0.4*4P	15.8	19	Ø7.1x2	115			295	245	240	320	580	325
			1.7*4P	2.0*4P	3.2	3.9	1.7/0.85*4/8P	2.0/1.0*4/8P	3.2/1.6	3.9/2.0														
	KGT-S(D)3000	3000	2.1*4P	2.5*4P	3.3	4	2.1/1.05*4/8P	2.5/1.25*4/8P	3.3/1.7	4.0/2.0	0.33*4P	0.4*4P	15.8	19	Ø8.0x2	120			325	245	240	320	650	355
			2.1*4P	2.5*4P	3.7	4.4	2.1/1.05*4/8P	2.5/1.25*4/8P	3.7/1.8	4.4/2.2														
C	KGT-S(D)3000	3000	2.9*4P	3.5*4P	5	6	2.9/1.45*4/8P	3.5/1.75*4/8P	5.0/2.5	6.0/3.0	0.33*4P	0.4*4P	13.3	16	Ø11.2x1	175	100~150	1500	350	315	190	350	810	390
	KGT-S(D)5000	5000	2.9*4P	3.5*4P	2.5	3	2.9/1.45*4/8P	3.5/1.75*4/8P	2.5/1.3	3.0/1.5	0.33*4P	0.4*4P	13.3	16	Ø11.2x2	275	125~175	2000	350	315	200	350	1070	390
	KGT-S(D)7500	7500	2.9*4P	3.5*4P	1.7	2	2.9/1.45*4/8P	3.5/1.75*4/8P	1.7/0.8	2.0/1.0	0.4*6P	0.5*6P	10.8	13	Ø11.2x3	480			465	330	260	430	1280	–
	KGT-S(D)10000	10000	2.9*4P	3.5*4P	1.3	1.5	2.9/1.45*4/8P	3.5/1.75*4/8P	1.3/0.6	1.5/0.8	0.83*6P	1.0*6P	10.8	13	Ø11.2x4	640			465	390	465	465	1280	–

CHAIN HOIST

Special Type

SINGLE PHASE HOIST

Powerful Performance

Excellent performance including when lower voltage lifting up to the weight of 1.25 timesheavier then ratedweight.

Enough Working Time

Over 20 minutes of running time as like 3 phase hoist.

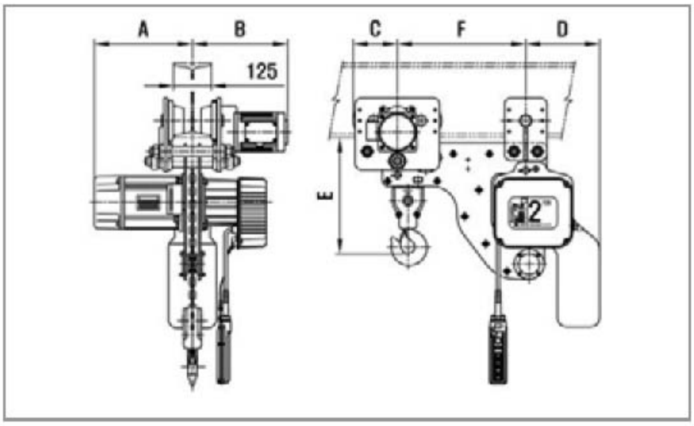
Frame	Model	Capacity (KG)	Hoisting Motor				Load Chain (mm*Falls)	Net.Weight (kgs)	Dimension				
			Power(kw)		Speed(m/min)				Single				
			50Hz	60Hz	50Hz	60Hz			A	B	C	D	E
A	KGO-S250-SP	250	0.21*8P	0.25*8P	3.5	4.2	Ø5x1	32	245	238	150	180	430
			0.42*4P	0.5*4P	7.0	8.4							
	KGO-S490-SP	490	0.42*4P	0.5*4P	3.5	4.2	Ø5x2 Ø5x1	37	245	238	150	180	430
	KGO-S500-SP	500	0.92*4P	1.1*4P	7.0	8.4							
B	KGO-S1000-SP	1000	1.25*4P	1.5*4P	5.8	7.0	Ø7.1x1	65	295	245	145	210	495
			1.25*4P	1.5*4P	6.4	7.7							
	KGO-S1800-SP	1800	1.25*4P	1.5*4P	2.9	3.5	Ø7.1x2	80	295	245	145	210	575
	KGO-S2000-SP	2000	1.25*4P	1.5*4P	3.2	3.9							

standard

Frame	Model	Capacity (KG)	Hoisting Motor				Traversing Motor				Load Chain (mm* Falls)	Net. Weight (kgs)	I-Beam Width (mm)	Min. Radius For Curve (mm)	Dimension				
			Power(kw)		Speed(m/min)		Power(kw)		Speed(m/min)										
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz					A	B	C	D	E
A	KGT-S250-SP	250	0.21*8P	0.25*8P	3.5	4.2	0.33*4P	0.4*4P	16.7	20	Ø5x1	58	75~125	1200	245	238	240	320	490
			0.42*4P	0.5*4P	7.0	8.4													
	KGT-S490-SP	490	0.42*4P	0.5*4P	3.5	4.2	0.33*4P	0.4*4P	16.7	20	Ø5x2 Ø5x1	60			245	238	240	320	490
	KGT-S500-SP	500	0.92*4P	1.1*4P	7.0	8.4													
B	KGT-S1000-SP	1000	1.25*4P	1.5*4P	5.8	7.0	0.33*4P	0.4*4P	16.7	20	Ø7.1x1	105	75~125	1200	295	245	240	300	500
			1.25*4P	1.5*4P	6.4	7.7													
	KGT-S1800-SP	1800	1.25*4P	1.5*4P	2.9	3.5	0.33*4P	0.4*4P	15.8	19	Ø7.1x2	115	100~150	1500	295	245	240	300	580
	KGT-S2000-SP	2000	1.25*4P	1.5*4P	3.2	3.9													

standard

LOW HEAD TYPE



Frame	Model	Capacity (KG)	Hoisting Motor-Single Power(kw) 50Hz	Hoisting Motor-Single Power(kw) 60Hz	Hoisting Motor-Single Speed(m/min) 50Hz	Hoisting Motor-Single Speed(m/min) 60Hz	Hoisting Motor-Dual Power(kw) 50Hz	Hoisting Motor-Dual Power(kw) 60Hz	Hoisting Motor-Dual Speed(m/min) 50Hz	Hoisting Motor-Dual Speed(m/min) 60Hz	Traversing Motor Power(kw) 50Hz	Traversing Motor Power(kw) 60Hz	Traversing Motor Speed(m/min) 50Hz	Traversing Motor Speed(m/min) 60Hz	Load Chain (mm* Falls)	Net. Weight (kgs)	I-Beam Width (mm)	Min. Radius For Curve (mm)	Dimension Single A	B	C	D	E	F	Dual A
B	KGL-S(D)1000	1000	1.25*4P	1.5*4P	5.8	7	1.25/0.63*4/8P	1.5/0.75*4/8P	5.8/2.9	7.0/3.5	0.33*4P	0.4*4P	16.7	20	Ø7.1x1	105	75~125	∞	295	313	118	245	310	425	325
			1.25*4P	1.5*4P	6.4	7.7	1.25/0.63*4/8P	1.5/0.75*4/8P	6.4/3.2	7.7/3.9															
	KGL-S(D)1250	1250	1.7*4P	2.0*4P	5.8	7	1.7/0.85*4/8P	2.0/1.0*4/8P	5.8/2.9	7.0/3.5	0.33*4P	0.4*4P	16.7	20	Ø7.1x1	105	100~150	∞							
			1.7*4P	2.0*4P	6.4	7.7	1.7/0.85*4/8P	2.0/1.0*4/8P	6.4/3.2	7.7/3.9															
	KGL-S(D)1500	1500	2.1*4P	2.5*4P	6.7	8	2.1/1.05*4/8P	2.5/1.25*4/8P	6.7/3.3	8.0/4.0	0.33*4P	0.4*4P	15.8	19	Ø8.0x1	115			325	317	140	245	340	425	355
			2.1*4P	2.5*4P	7.3	8.8	2.1/1.05*4/8P	2.5/1.25*4/8P	7.3/3.7	8.8/4.4															
	KGL-S(D)1800	1800	1.25*4P	1.5*4P	2.9	3.5	1.25/0.63*4/8P	1.5/0.75*4/8P	2.9/1.5	3.5/1.8	0.33*4P	0.4*4P	15.8	19	Ø7.1x2	115			295	317	140	245	385	425	325
	KGL-S(D)2000	2000	1.25*4P	1.5*4P	2.9	3.5	1.25/0.63*4/8P	1.5/0.75*4/8P	2.9/1.5	3.5/1.8															
	KGL-S(D)2500	2500	1.7*4P	2.0*4P	2.9	3.5	1.7/0.85*4/8P	2.0/1.0*4/8P	2.9/1.5	3.5/1.8	0.33*4P	0.4*4P	15.8	19	Ø7.1x2	115									
			1.7*4P	2.0*4P	3.2	3.9	1.7/0.85*4/8P	2.0/1.0*4/8P	3.2/1.6	3.9/2.0															
	KGL-S(D)3000	3000	2.1*4P	2.5*4P	3.3	4	2.1/1.05*4/8P	2.5/1.25*4/8P	3.3/1.7	4.0/2.0	0.33*4P	0.4*4P	15.8	19	Ø8.0x2	120			325	317	140	245	455	425	355
			2.1*4P	2.5*4P	3.7	4.4	2.1/1.05*4/8P	2.5/1.25*4/8P	3.7/1.8	4.4/2.2															
C	KGL-S(D)3000	3000	2.9*4P	3.5*4P	5	6	2.9/1.45*4/8P	3.5/1.75*4/8P	5.0/2.5	6.0/3.0	0.33*4P	0.4*4P	13.3	16	Ø11.2x1	175	125~175	∞	320	317	140	272	520	480	350
	KGL-S(D)5000	5000	2.9*4P	3.5*4P	2.5	3	2.9/1.45*4/8P	3.5/1.75*4/8P	2.5/1.3	3.0/1.5	0.33*4P	0.4*4P	13.3	16	Ø11.2x2	275			320	334	180	272	735	555	350

standard

SPECIAL TYPE

HIGH LIFTING TYPE

EXPOLSION PROOF TYPE

- 1TON KGT-EX1000
- 2TON KGT-EX2000
- 3TON KGT-EX3000

DOBLE GIRDER TYPE

VLC CHAIN HOIST

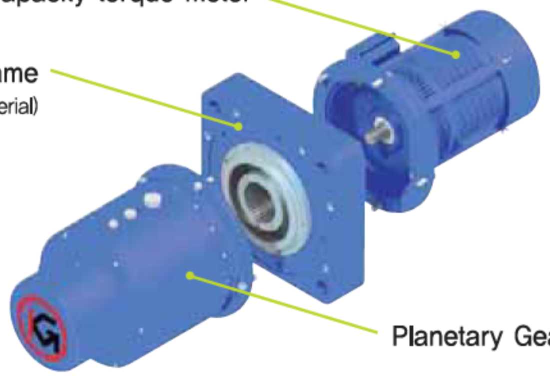
VLC Chain Host is produced by KG Cranes who has advanced technical skills as a manufacturer of hoist and crane component since 1968. VLC Chain Hoist is capable to handle the capacity up to 250tons by new technology.

- High frequency
- Competitive Price
- Compact Size
- Durability
- More Safe
- Modular Design
- Capacity 6.3ton~250ton

energy conservation

KGP Power Regenerative Unit

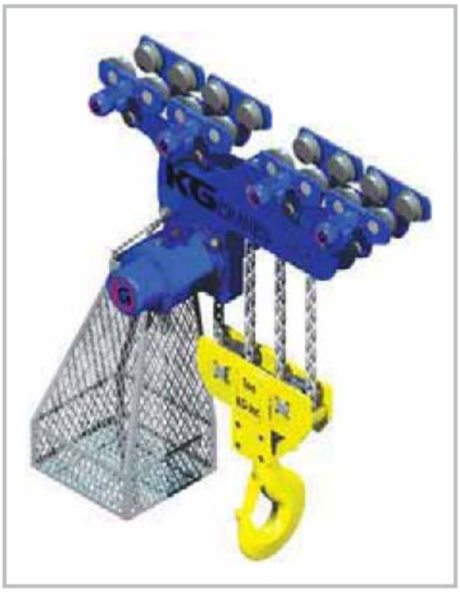
Main Body



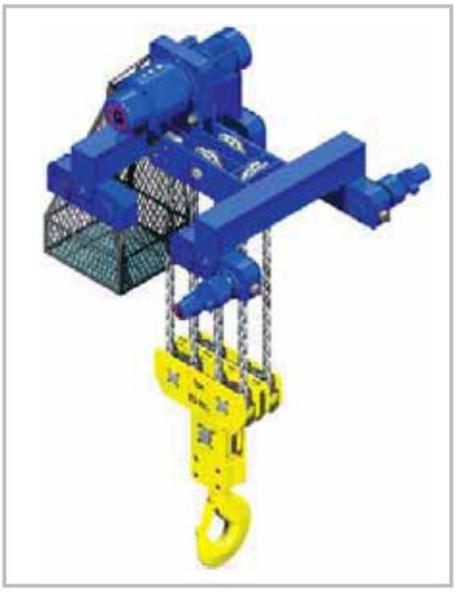
Characteristic

- Next generation chain hoist. Suitable for the work of high frequency, using high frequency and powerful torque motor
- Competitive price more than 40%
- Long life span by using high strength materials
- Easy to assemble and maintain by using progressive technique of modular system
- Up to 250tons capacity
- **Saving electric bill (up to 30%) by using KGP (option)**

Variety

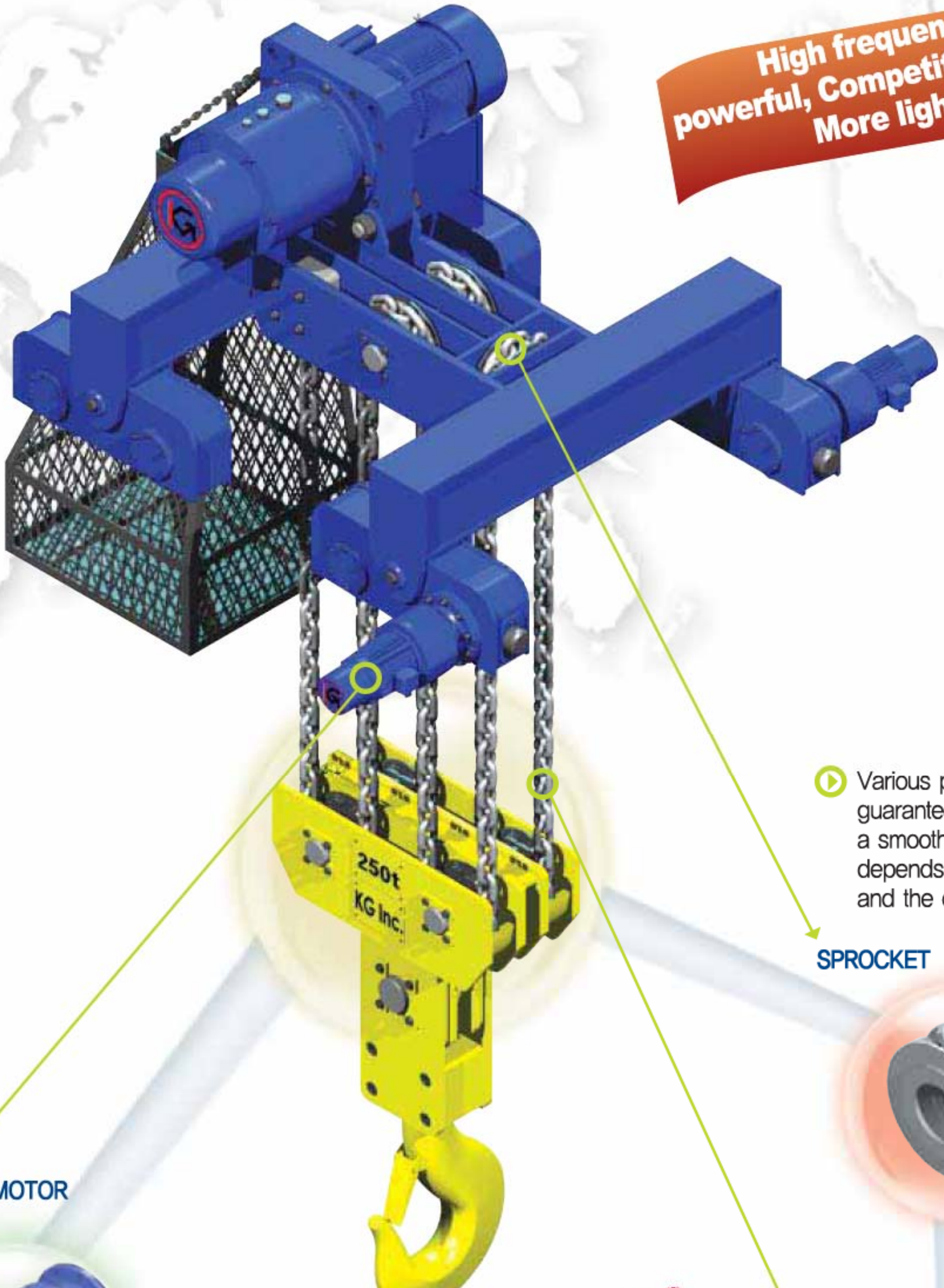


Mono-Rail Type (6TON~100TON)



Double-Rail Type

High frequency, powerful, Competitive price, More light



Power Up

Various pocket wheel is guaranteed a perfect fit and a smooth, low–wear chain run depends on the applied chain and the chain tolerances

SPROCKET

Load Chain

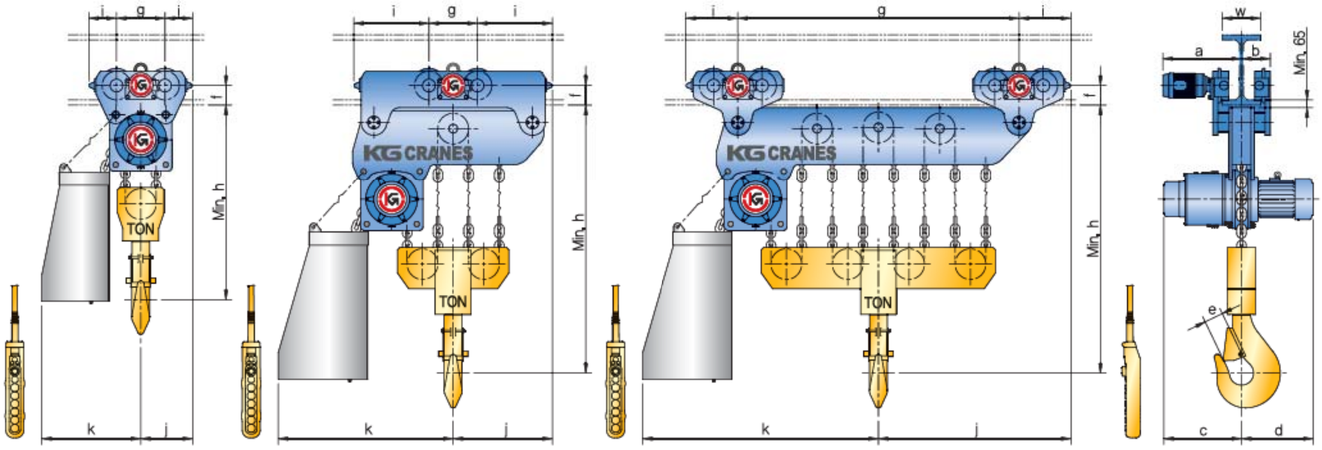
- Long life chain which can be used in high capacity lifting devices

GEARED MOTOR

- High efficiency, silence, easy to maintain and compact design by using planetary geared box motor
- We use various geared motor according to the type of the hoist.

VLC CHAIN HOIST

Mono-Rail Type Hoist (6.3~50ton)



Specifications

MODEL	Capa' (Ton)	ISO	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor (kwxp)	Load Chain dia×p	Load Chain Rev.	Hoisting Brake	Traversing Speed(m/min)		Traversing Motor (kwxp)	Traversing Brake
LCH0631	6	M5	6	50Hz	6.3	8.5×4	16×45	1/1	DC Magnet Disc Brake	50Hz	12.5	0.4 x 4	DC Magnet Disc Brake
				60Hz	7.5					60Hz	15.0		
LCH0632	12			50Hz	3.2			2/1		50Hz	12.5	0.75 x 4	
				60Hz	3.8					60Hz	15.0		
LCH0633	16			50Hz	2.1			3/1		50Hz	12.5	1.5 x 4	
				60Hz	2.5					60Hz	15.0		
LCH0634	25			50Hz	1.6			4/1		50Hz	12.5		
				60Hz	1.9					60Hz	15.0		
LCH0635	30			50Hz	1.3			5/1		50Hz	12.5		
				60Hz	1.5					60Hz	15.0		
LCH0636	35			50Hz	1.0			6/1		50Hz	12.5		
				60Hz	1.3					60Hz	15.0		
LCH0638	45			50Hz	0.8			8/1		50Hz	12.5		
				60Hz	1.0					60Hz	15.0		

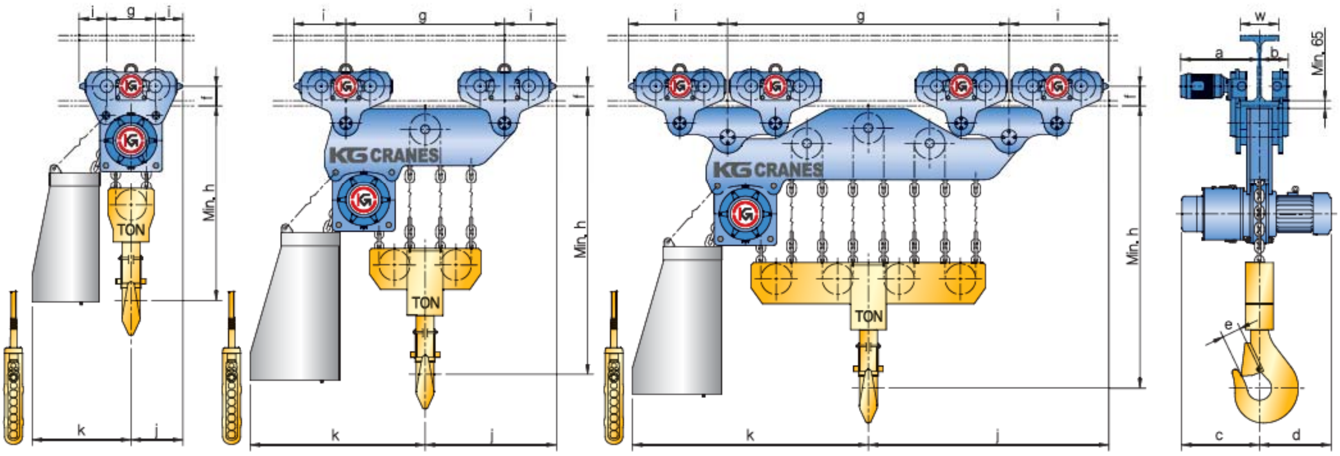
Dimensions(mm)

MODEL	Capa' (Ton)	T/S Rail Width(w) 300 a	300 b	400 a	400 b	Right Plan c	Right Plan d	Right Plan e	Front Plan f	Front Plan g	Front Plan h	Front Plan i	Front Plan j	Front Plan k	Weight (kg)
LCH0631	6	550	250	600	300	630	550	90	110	300	900	180	330	450	1250
LCH0632	12	600	250	650	300	630	550	110	125	330	1000	200	365	500	1500
LCH0633	16	650	250	700	300	630	550	110	150	380	1300	425	615	800	1700
LCH0634	25	650	250	700	300	630	550	125	150	380	1400	510	700	1000	1900
LCH0635	30	650	250	700	300	630	550	125	150	2250	1500	415	1540	1200	2600
LCH0636	35	650	250	700	300	630	550	140	150	2400	1550	415	1615	1400	2800
LCH0638	45	650	250	700	300	630	550	160	150	2750	1600	415	1790	1750	3200

Note : 1. The transversing dimensions of width h-beam rails on the basis of one standard size.
2. If Curved Rail Requires, this must be indicated in advance.

VLC CHAIN HOIST

Mono-Rail Type Hoist (2.5~100ton)



Specifications

MODEL	Capa' (Ton)	ISO	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor (kwxp)	Hoisting Load Chain dia×p	Hoisting Load Chain Rev.	Hoisting Brake	Traversing Speed(m/min)		Traversing Motor (kwxp)	Traversing Brake
LCH1251	12	M5	6	50Hz	6.3	17×6	22×66	1/1	DC Magnet Disc Brake	50Hz	12.5	0.75×4	DC Magnet Disc Brake
				60Hz	7.5					60Hz	15.0		
LCH1252	25			50Hz	3.2			2/1		50Hz	12.5	1.5×4	
				60Hz	3.8					60Hz	15.0		
LCH1253	35			50Hz	2.1			3/1		50Hz	12.5		
				60Hz	2.5					60Hz	15.0		
LCH1254	45			50Hz	1.6			4/1		50Hz	12.5		
				60Hz	1.9					60Hz	15.0		
LCH1255	60			50Hz	1.3			5/1		50Hz	12.5		
				60Hz	1.5					60Hz	15.0		
LCH1256	70			50Hz	1.1			6/1		50Hz	12.5		
				60Hz	1.3					60Hz	15.0		
LCH1258	90			50Hz	0.8			8/1		50Hz	12.5		
				60Hz	1.0					60Hz	15.0		

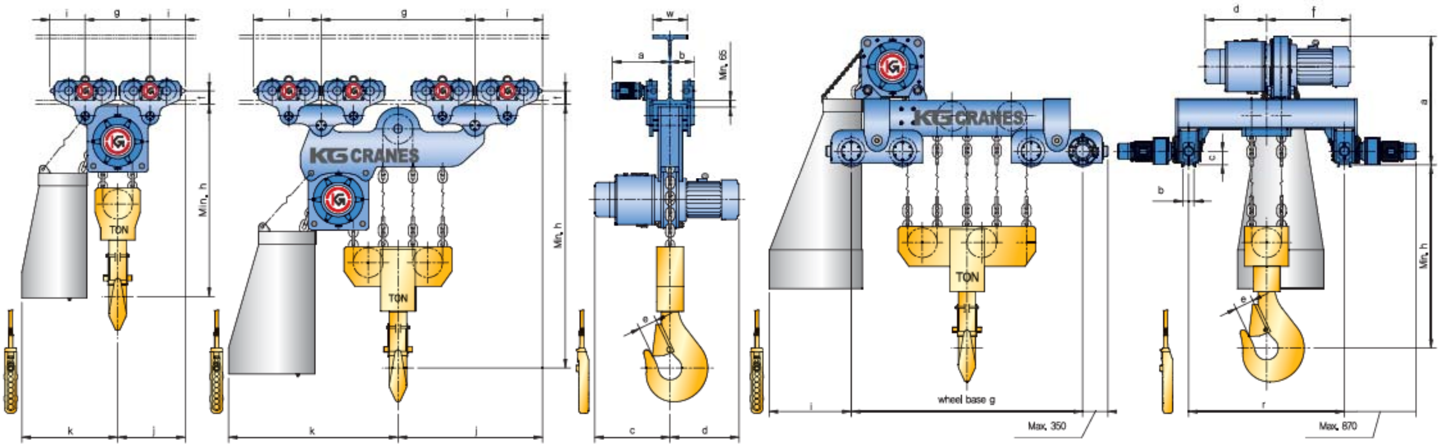
Dimensions(mm)

MODEL	Capa' (Ton)	T/S Rail Width(w) 300 a	300 b	400 a	400 b	Right Plan c	d	e	Front Plan f	g	h	i	j	k	Weight (kg)
LCH1251	12	600	250	650	300	780	650	110	125	330	1200	200	365	500	1800
LCH1252	25	650	250	700	300	780	650	125	150	380	1400	230	420	600	2300
LCH1253	35	650	250	700	300	780	650	140	150	1300	1750	415	1065	800	3200
LCH1254	45	650	250	700	300	780	650	160	150	1550	1800	415	1190	1350	3500
LCH1255	60	650	250	700	300	780	650	170	150	2300	2300	415	1565	1650	4900
LCH1256	70	650	250	700	300	780	650	190	150	2550	2400	415	1690	1800	5200
LCH1258	90	650	250	700	300	780	650	210	150	3300	2500	415	2065	2450	5800

Note : 1. The transversing dimensions of width h-beam rails on the basis of one standard size.
2. If Curved Rail Requires, this must be indicated in advance.

VLC CHAIN HOIST

Mono-Rail & Double Rail Type Hoist (25~250ton)



Specifications

MODEL	Capa' (Ton)	ISO	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor (kwxp)	Load Chain dia×p	Load Chain Rev.	Hoisting Brake	Traversing Speed(m/min)		Traversing Motor (kwxp)	Traversing Brake
LCH2501	25	M5	6	50Hz	6.5	37×6	32×90	1/1	DC Magnet Disc Brake	50Hz	12.5	1.5 x 4	DC Magnet Disc Brake
				60Hz	7.8					60Hz	15.0		
LCH2502	50			50Hz	3.3			2/1		50Hz	12.5		
				60Hz	3.9					60Hz	15.0		
LCH2503	75			50Hz	2.2			3/1		50Hz	12.5		
				60Hz	2.6					60Hz	15.0		
LCH2504	100			50Hz	1.7			4/1		50Hz	12.5		
				60Hz	2.0					60Hz	15.0		
LCH2506	150			50Hz	1.1			6/1		50Hz	12.5	3.7 x 4	
				60Hz	1.3					60Hz	15.0		
LCH2508	200			50Hz	0.8			8/1		50Hz	12.5	5.5 x 4	
				60Hz	1.0					60Hz	15.0		
LCH2510	250			50Hz	0.7			10/1		50Hz	12.5		
				60Hz	0.8					60Hz	15.0		

Mono-Rail Type Dimensions(mm)

MODEL	Capa' (Ton)	T/S Rail Width(w) 300 a	300 b	400 a	400 b	Right Plan c	d	e	Front Plan f	g	h	i	j	k	Weight (kg)
LCH2501	25	650	250	700	300	900	850	125	150	380	1500	230	420	650	2800
LCH2502	50	650	250	700	300	900	850	160	150	750	1600	415	790	900	3800
LCH2503	75	650	250	700	300	900	850	190	150	1775	2900	415	1300	1700	5500
LCH2504	100	650	250	700	300	900	850	210	150	2550	3000	415	1690	2150	6400

Double-Rail Type Dimensions(mm)

MODEL	Capa' (Ton)	T/S Rail Width(w)		a	b	c	d	e	f	g	h	i	Weight (kg)
LCH2506	150	1400	1600	1400	84	160	720	270	1000	1800	1500	800	13000
		1800	2000										
LCH2508	200	1600	1800	1500	84	180	720	300	1000	2200	1750	1000	15000
		2000	2200										
LCH2510	250	1600	1800	1600	84	200	720	330	1000	2500	2000	1300	18000
		2000	2200										

Note : 1. The transversing dimensions of width h-beam rails on the basis of one standard size.
2. If Curved Rail Requires, this must be indicated in advance.

VLC CHAIN HOIST

Selection Criteria

Selection Criteria

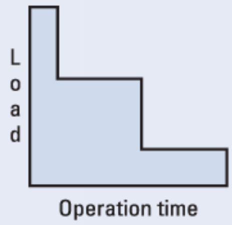
1. The group is determined by the load spectrum and operating time.

Load Spectrum	Average operating time per working day in hours			
Light	2-4	4-8	8-16	over 16
Medium	1-2	2-4	4-8	8-16
Heavy	0.5-1	1-2	2-4	4-8
Very Heavy	0.25-0.5	0.5-1	1-2	2-4
Mechanism Group, ISO	M4	M	M6	M7

2. The load spectrum

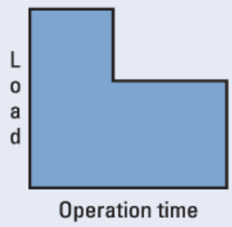
(in most cases estimated) can be evaluated in accordance with the following definitions

Light
Hoist units which are usually subject to very small loads and in exceptional cases only to maximum loads.

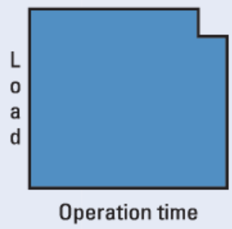


Medium
Hoist units which are usually subject to small loads but rather often to maximum loads.

Heavy
Hoist units which are usually subject to medium loads but frequently to maximum loads.



Very heavy
Hoist units which are usually subject to maximum or almost maximum loads.



3. Model and capacity table

Model	Reeving	Load(kg)			
LCH063	1/1	8000	6000	6000	4000
	2/1	15000	12000	10000	8000
	3/1	20000	16000	16000	12000
	4/1	30000	25000	20000	16000
	5/1	35000	30000	25000	20000
	6/1	40000	35000	30000	25000
	8/1	50000	45000	40000	30000
LCH125	1/1	15000	12000	10000	8000
	2/1	30000	25000	20000	16000
	3/1	40000	35000	30000	25000
	4/1	50000	45000	40000	30000
	5/1	70000	60000	50000	40000
	6/1	80000	70000	60000	50000
	8/1	100000	90000	80000	60000
LCH250	1/1	30000	25000	20000	16000
	2/1	60000	50000	40000	35000
	3/1	90000	75000	60000	50000
	4/1	120000	100000	80000	70000
	6/1	180000	15000	125000	100000
	8/1	250000	200000	175000	125000
	10/1	300000	250000	200000	150000

4. Example

LCH250	:	25000kg
Load spectrum	:	"Light" form table
Hoist speed	:	6.0m/min
Reeving	:	1/1
Average hook path	:	6m
No. of cycles/hour	:	20
Working time/day	:	8hours

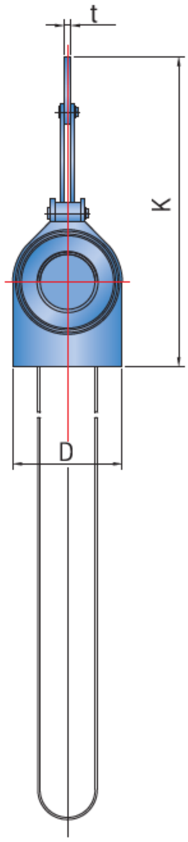
The average operation time per working day is estimated or calculated ad follows:

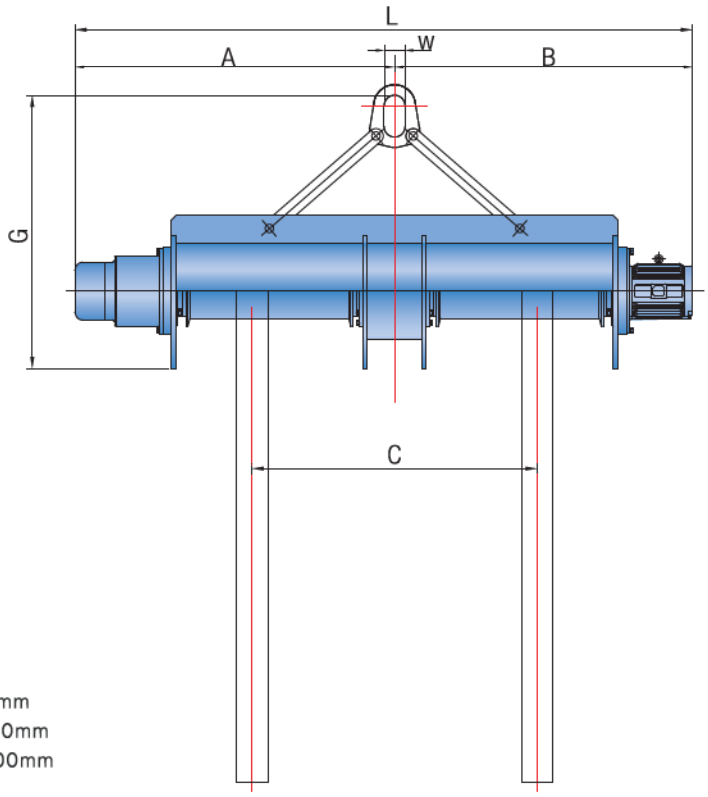
$$\text{Operating time/day} = \frac{2 \cdot \textit{average hook path} \cdot \textit{no. of cycles/hour} \cdot \textit{working time/day}}{60 \cdot \textit{hoist speed}} = \frac{2 \cdot 6 \cdot 20 \cdot 8}{60 \cdot 6} = 5.33 \text{ hours}$$

For the light load spectrum and an average daily operating time of 5.33 hours, the table shows group M5. For a load capacity of 25000g and 1/1 rope reeving, the table indicates hoist size LCH250-25000.

TURNING DEVICE

Easy, Fast and Safe



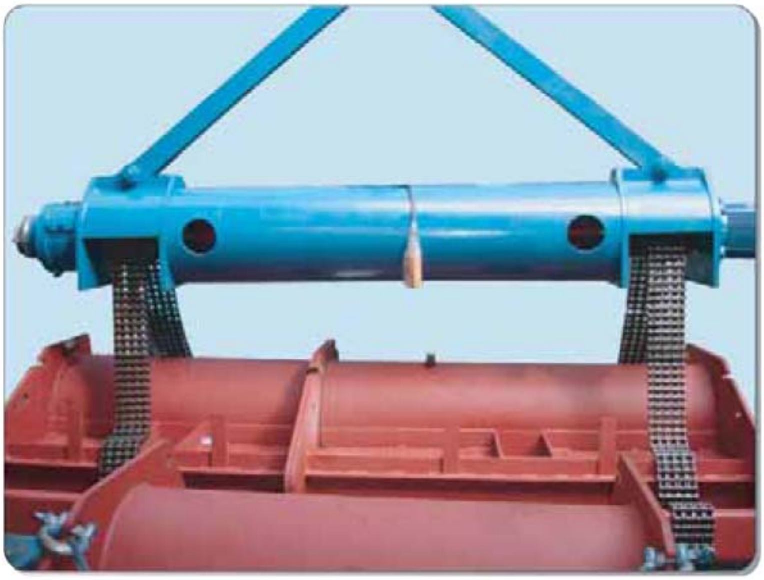


Control Range
- S 250 ~ 600mm
- M 1200 ~ 1800mm
- L 1800 ~ 3000mm

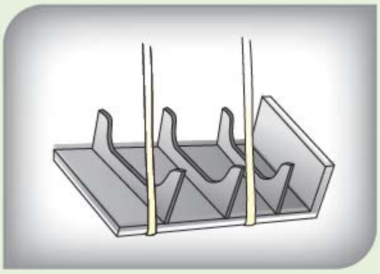
Model		CAPACITY	TYPE	A	B	max.C	D	G	K	L	t	w	SPEED m/min	WEIGHT kg
TD 015-	S	1,500kg	S	580	595	600	350	700	750	1175	20	110	6.0	195
	M		M	1180	1195	1800	350	1200	1250	2375	20	110	6.0	400
TD 030-	S	3,000kg	S	600	625	600	400	700	750	1225	20	110	6.0	240
	M		M	1200	1225	1800	400	1200	1250	2425	20	110	6.0	550
TD 060-	S	6,000kg	S	635	690	600	430	700	780	1325	25	110	5.0	400
	M		M	1235	1290	1800	430	1200	1280	2525	25	110	5.0	850
TD 090-	S	9,000kg	S	660	740	600	460	900	980	1400	40	120	4.5	600
	M		M	1260	1340	1800	460	1200	1280	2600	40	120	4.5	1000
	L		L	1860	1940	3000	460	1800	1880	3800	40	120	4.5	1500
TD 150-	S	15,000kg	S	1385	1535	1800	500	1200	1300	2920	50	130	3.4	1150
	M		M	1985	2135	3000	500	1800	1900	4120	50	130	3.4	1700
TD 200-	S	20,000kg	S	1325	1445	1800	520	1200	1300	2770	50	150	2.3	1500
	M		M	1925	2045	3000	520	1850	1950	3970	50	150	2.3	2100
TD 300-	S	30,000kg	S	1475	1495	1800	650	1250	1400	2970	60	150	2.3	1900
	M		M	2075	2095	3000	650	1850	2000	4170	60	150	2.3	2650

TURNING DEVICE

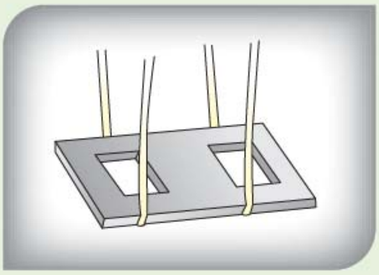
Chain Type



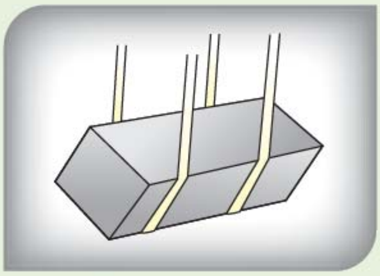
Application



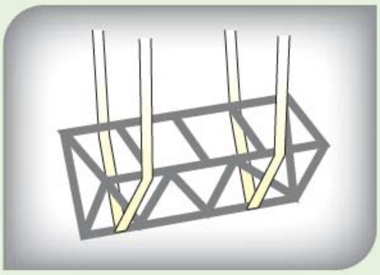
Ship block



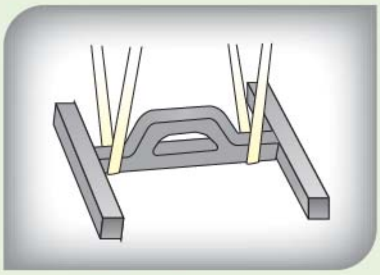
Main frame



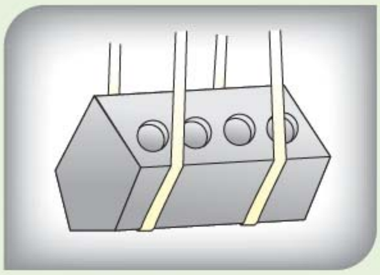
Concreat block



Truss



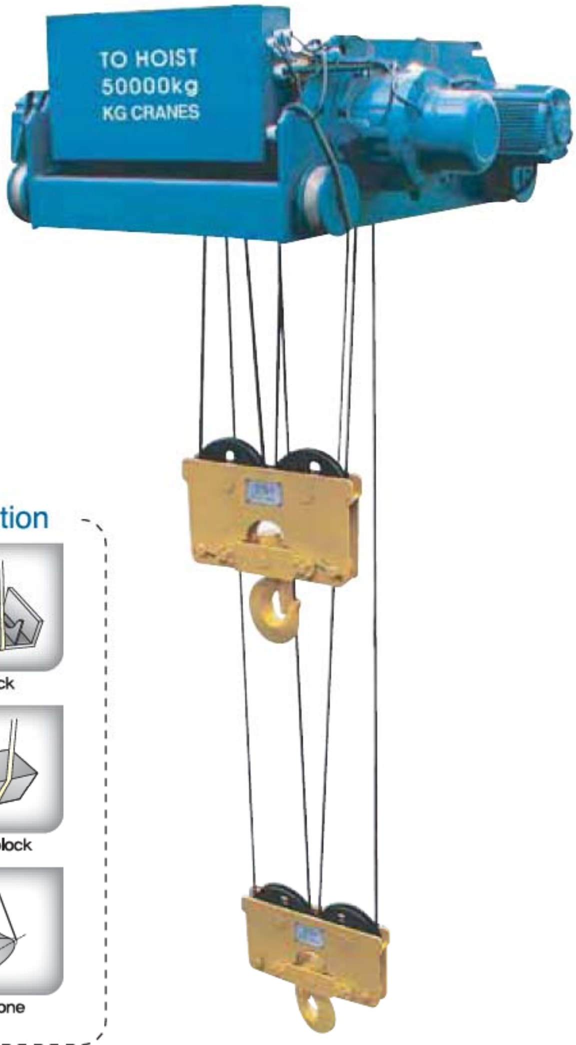
Steel Structure



Engine Block

TURN OVER HOIST

One Hoist doing Three Functions!!



Function

A + B Hoisting
We supply the single hook attachments for option

Function

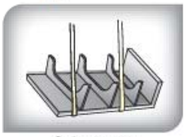
A or B Single turning
Slow turning and safe turning

Function

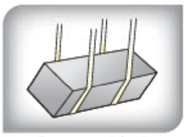
A ⇄ B Dual turning
High speed turning and keeping the weight balance

According as the target products, we supply the special hanging jig.

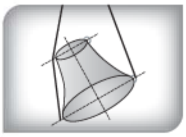
Application



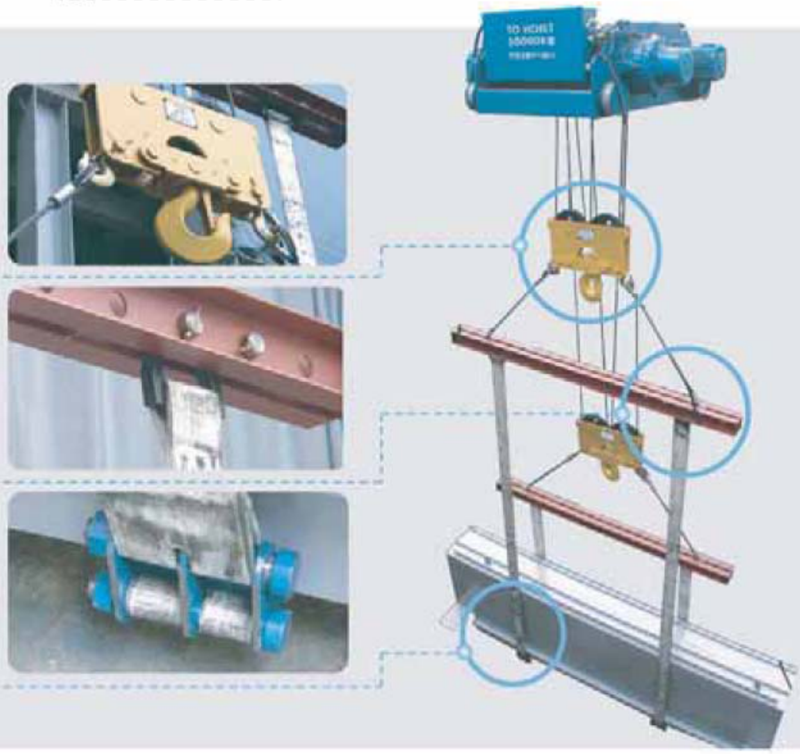
Ship block



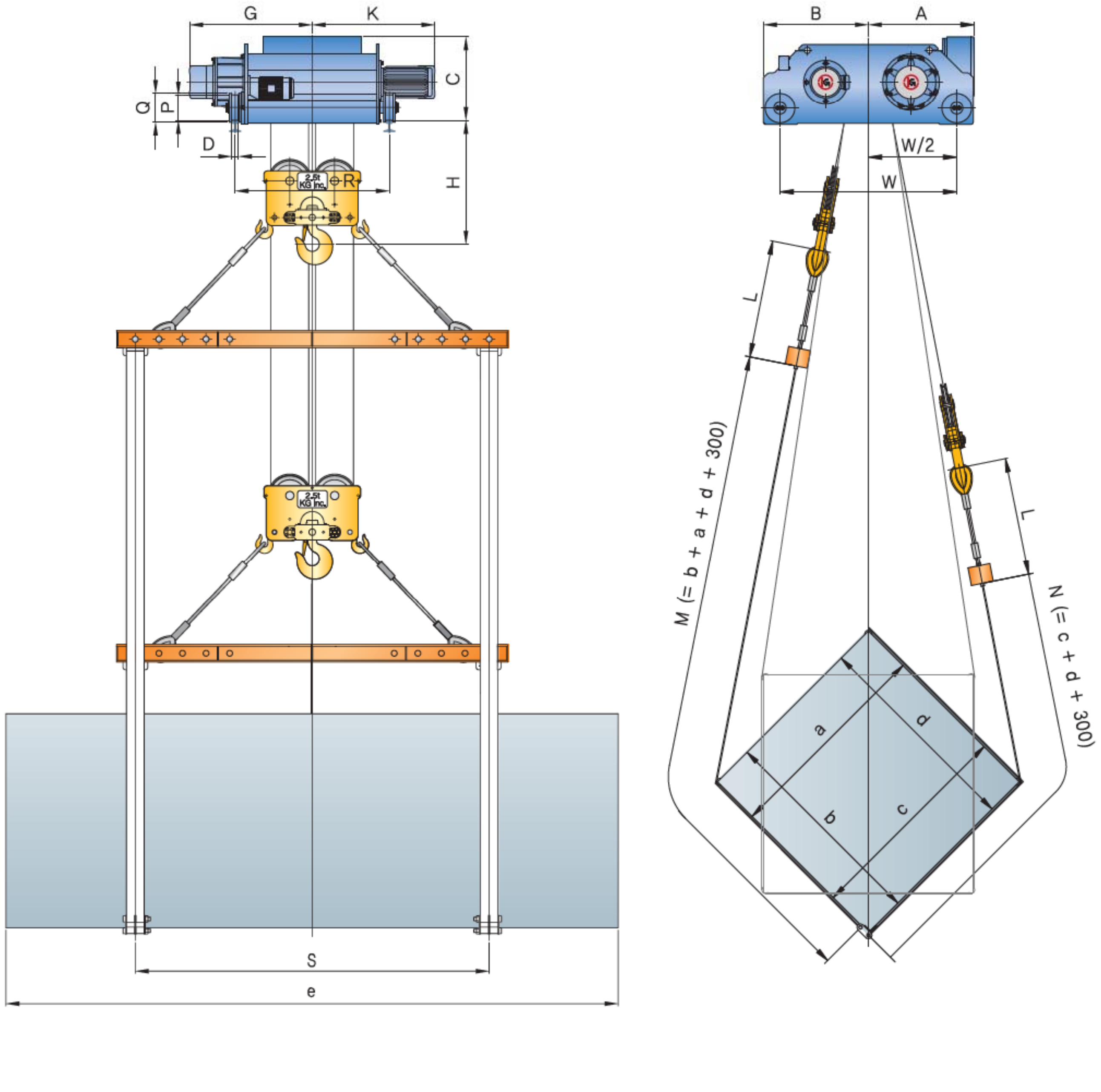
Concreat block



Circular cone



TURN OVER HOIST



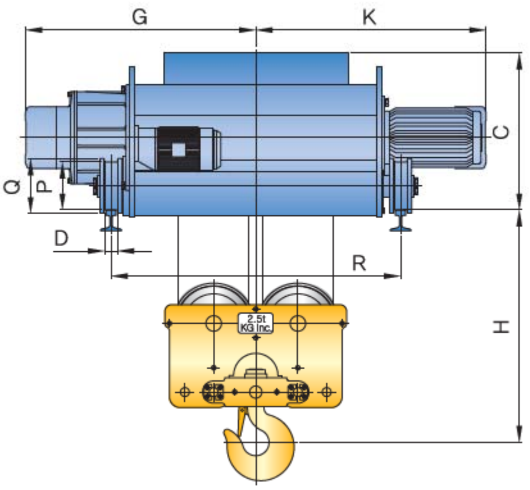
※ Value of S,L,M,N will be decide by Value a,b,c,d,e

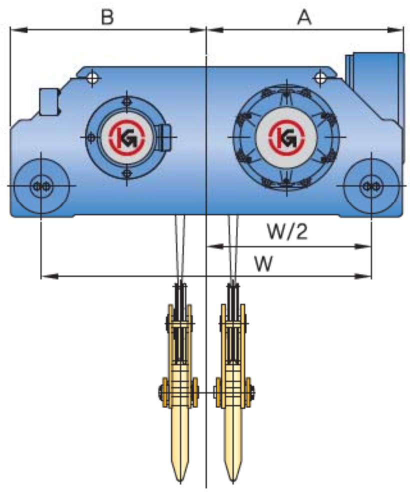
※ For example

e = 20,000 a=b=c=d=1,000

S = 30,000 L=1,000 M = b+a+d+300 = 3,300 N = c+d+300 = 2,300

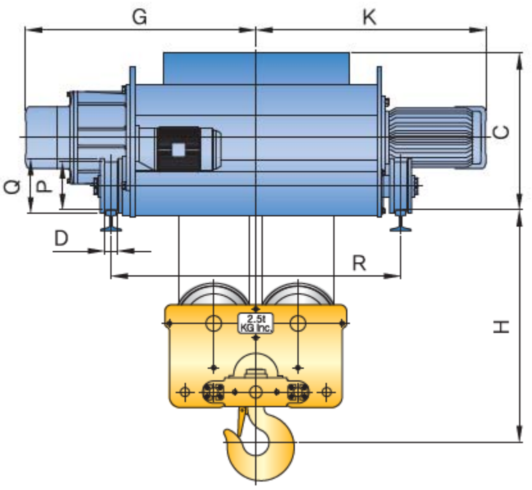
TURN OVER HOIST

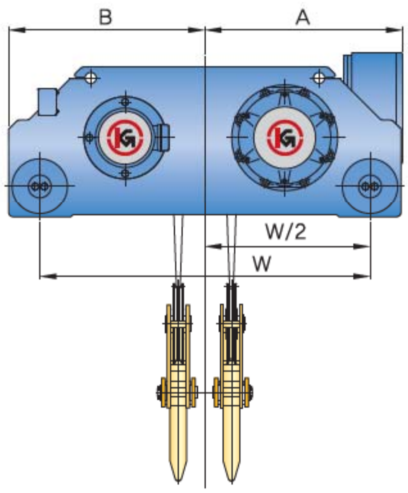




Model		Capacity (ton)	TO 4 (2+2)	TO 6 (3+3)	TO 10 (5+5)	TO 15 (7.5+7.5)	TO 20 (10+10)	TO 30 (15+15)
Hoist	Max. lift(m)		12	12	12	12	12	12
	Hoisting Speed (m/min)	High Speed	10	9.0	5.6	3.8	4.5	4.5
		Low Speed	5	4.5	4.2	2.8	3.0	3.0
	Hoisting Motor 2 X (Kw X P)	High Speed	3.7 X 4	5.5 X 4	5.5 X 6	5.5 X 6	9 X 8	13 X 8
		Low Speed	1.8 X 8	2.8 X 8	4.2 X 8	4.2 X 8	6 X 12	8.5 X 12
	Wire Rope	Construction	6 X Fi(25)	6 X Fi(25)	6 X Fi(25)	6 X Fi(25)	6 X Fi(25)	6 X Fi(25)
		Dia(mm) X No.of Ropes	8 X 4	9 X 4	12.5 X 4	14 X 4	16 X 4	20 X 4
	Brake		DC Magnet Disc Brake					
Traversing	Traversing Speed (m/min)	High Speed	24	15	15	15	15	15
		Low Speed	16	10	10	10	10	10
	Traversing Motor (Kw X P)	High Speed	0.75 X 4	0.75 X 4	0.75 X 4	1.5 X 4	1.5 X 4	1.5 X 4 (2units)
		Low Speed	0.5 X 6	0.5 X 6	0.5 X 6	1.0 X 6	1.0 X 6	1.0 X 6 (2units)
Dimensions (approx.) (mm)		H	450	450	550	750	800	1100
		R	1150	1150	1150	1200	1300	1800
		A	790	790	837	852	892	1100
		B	765	765	845	855	885	950
		C	630	645	695	860	900	980
		G	800	800	950	950	1040	1200
		K	800	800	950	950	1040	1200
		W	1300	1300	1350	1400	1490	1650
		D	47	58	58	58	58	70
		P	165	165	165	180	220	250
		Q	195	195	195	210	250	280
Weight(approx.) (kg)			800	1000	1450	1700	2400	3500
Traversing Rail			15kg/m	15kg/m	15kg/m	22kg/m	22kg/m	30kg/m

TURN OVER HOIST





Model		Capacity (ton)	TO 40 (20+20)	TO 60 (30+30)	TO 80 (40+40)	TO 100 (50+50)	TO 120 (60+60)	TO 160 (80+80)
Hoist	Max. lift(m)		12	12	12	12	12	12
	Hoisting Speed (m/min)	High Speed	4.2	2.8	4.2	2.8	2.8	2.1
		Low Speed	2.8	1.8				
	Hoisting Motor 2 X (Kw X P)	High Speed	17 X 8	17 X 8	37 X 6	37 X 6	37 X 6	37 X 6
		Low Speed	11.5 X 12	11.5 X 12				
	Wire Rope	Construction	6 X Fi(25)	6 X Fi(25)	6 X Fi(25)	6 X Fi(25)	6 X Fi(25)	6 X Fi(25)
		Dia(mm) X No.of Ropes	22.4 X 4	22.4 X 6	28 X 6	28 X 6	28 X 6	28 X 8
	Brake		DC Magnet Disc Brake					
Traversing	Traversing Speed (m/min)	High Speed	15	15	15	15	15	15
		Low Speed	10	10	10	10	10	10
	Traversing Motor (Kw X P)	High Speed	2.2 X 4 (2units)	2.2 X 4 (2units)	3.7 X 4 (2units)	3.7 X 4 (2units)	3.7 X 4 (2units)	5.5 X 4 (2units)
		Low Speed	1.5 X 6 (2units)	1.5 X 6 (2units)	2.2 X 6 (2units)	2.2 X 6 (2units)	2.2 X 6 (2units)	3.7 X 6 (2units)
Dimensions (approx.) (mm)		H	1300	1600	1600	1800	1900	1900
		R	2300	2800	2800	3000	3000	3000
		A	1300	1550	1750	2000	2000	2000
		B	1150	1350	1550	1550	1550	1550
		C	1220	1220	1220	1800	1800	1800
		G	1350	1600	1600	1850	2150	2150
		K	1350	1600	1600	1850	2150	2150
		W	1900	2300	2400	3000	3000	3000
		D	80	80	80	120	120	120
		P	450	450	500	400	500	600
		Q	490	490	540	540	540	540
Weight(approx.) (kg)			5500	8000	9700	13000	16000	19000
Traversing Rail			37kg/m	37kg/m	37kg/m	73kg/m	73kg/m	73kg/m

MEMO

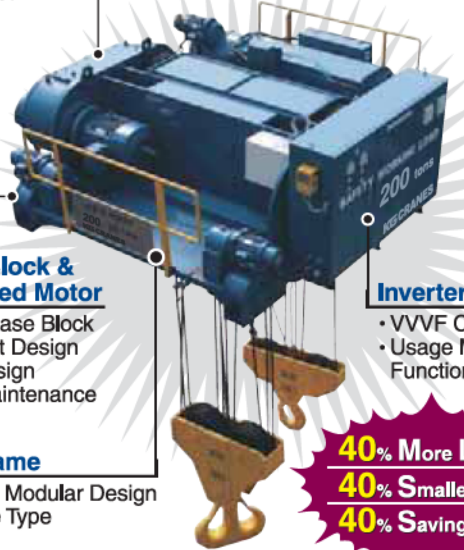
KG CRANE New

PRODUCT SELECTION

DB Crab

Gear Box & DC MG Brake
- Modular Design
- Variable Speed
- Variety Type of Brakes

Reference
- Hyundai heavy industry and others : 20,000ton / year
- POSCO steel mill and others : 30,000ton / year
- Samsung shipyard and others : 50,000ton / year
- American Shipyard : 5,000ton / year
- Middle east Steel mill : 10,000ton /year



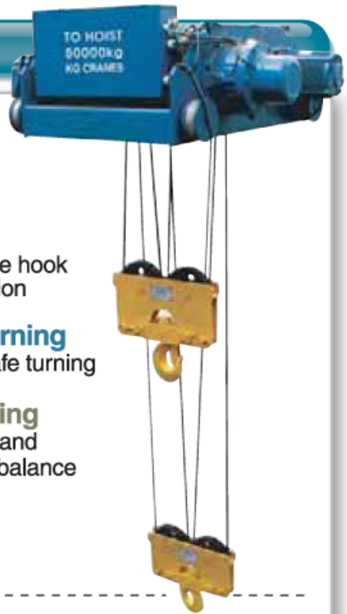
Wheel Block & TS Geared Motor
- Single Case Block
- Compact Design
- BBS Design
- Easy Maintenance

Inverter Panel
- VVVF Control
- Usage Memory Function

Main Frame
- 10Kinds Modular Design
- Package Type

40% More Light
40% Smaller
40% Saving Cost

Turn Over Hoist



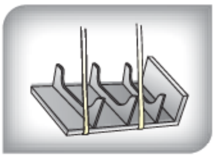
One Hoist doing
Three Functions!!

Function 1: **A + B Hoisting**
We supply the single hook attachments for option

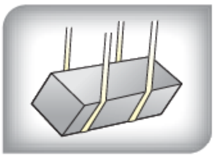
Function 2: **A or B Single turning**
Slow turning and safe turning

Function 3: **A ⇄ B Dual turning**
High speed turning and keeping the weight balance

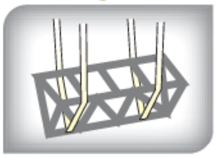
Application



Ship block



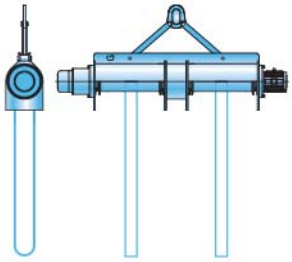
Concreat block



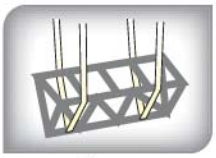
Truss

Turning Device

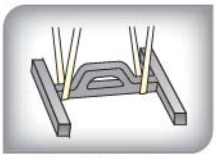
Turn it Easy



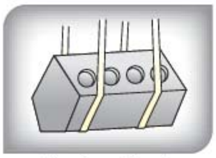
Application



Truss



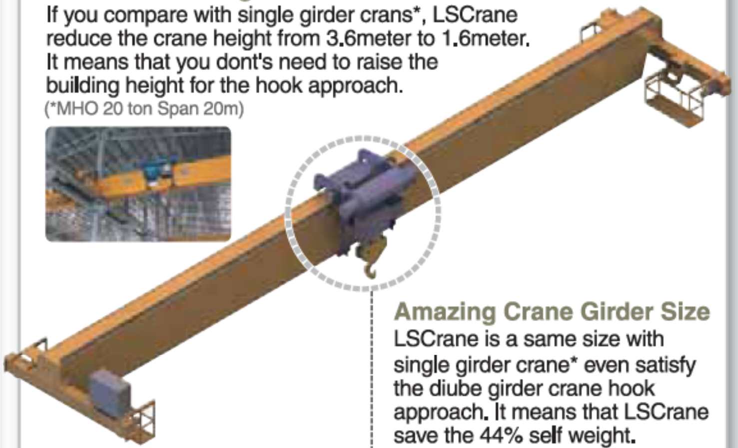
Steel Structure



Engine Block

Low Space Crane

Save the Building Construction
If you compare with single girder crans*, LSCrane reduce the crane height from 3.6meter to 1.6meter. It means that you dont's need to raise the building height for the hook approach.
(*MHO 20 ton Span 20m)



Amazing Crane Girder Size
LSCrane is a same size with single girder crane* even satisfy the diube girder crane hook approach. It means that LSCrane save the 44% self weight.

VVVF Control
VVVF(Variable Voltage Variable Frequency) Control : Inverter
Safe and exact working are guaranteed.

Hook Approach Innovation
Hook appr oach innovation LSCrane hook approach is the highest than any other crane.

Reference
- Doosan heavy industry and others : 8,000ton / year
- POSCO steel and others : 6,000ton / year

KG Crane is the manufacturer of hoist and crane component since 1968
From Pinion gears to 600ton Goliath cranes. Please visit www.kgcrane.com

Tel : +82-32-583-6671 Fax : +82-32-583-6674

- Construction Cost Save (30%)
- Extraordinary Crane Girder Size
- Clean Crane (Low Noise & Low Vibration)
- Innovative Hook Height

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