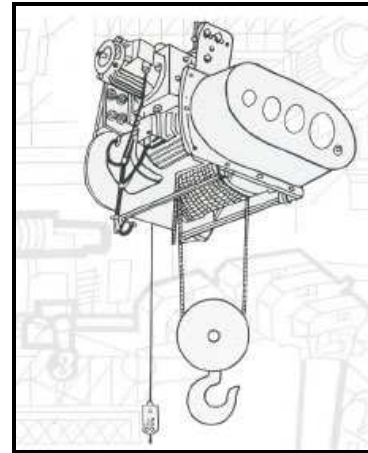
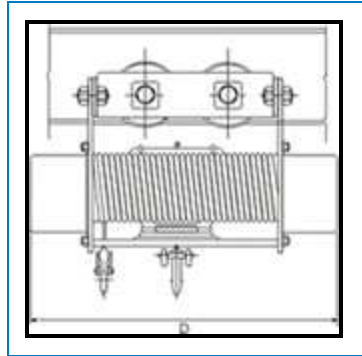
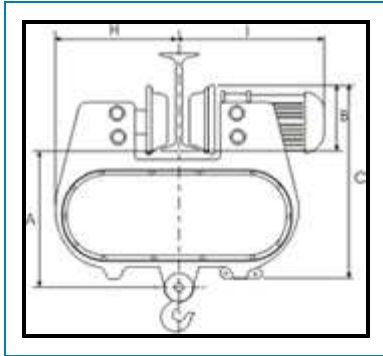


# Krishna Crane Engineers

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S.W.L Kgs.	Height of lift Mts	No. of Falls	Speeds mpm.		Motor H.P.		Flange Width of I Beam	Wire Rope dia	Dimensions (m.m.)						Appro. Wt. Kgs
			Hoisting	CT	Hoisting	CT			A	B	C	D	H	I	
500	6	2	5	18	0.5	0.25	90-125	6	425	175	425	650	290	400	150
1000	6	2	4	18	0.25	0.25	90.140	8	450	175	425	650	290	400	170
2000	6	2	4	16	3.0	0.5	100-140	10	600	200	650	900	310	520	400
3000	6	2	3.5	16	5.0	1.0	125-140	12	750	200	740	1050	350	550	450
5000	6	4	3.5	16	7.5	1.0	140-210	12	950	200	740	1200	400	550	550
7500	6	4	3	15	10	1.25	150-210	16	850	250	930	1700	620	720	1200
10000	6	4	2.5	16	12.5	1.5	150-210	16	1000	250	930	1700	620	720	1200
15000	6	4	2	12	18	2	225-250	16	1400	300	1100	1850	750	900	1600
20000	6	4	2	12	18	2	225-250	16	1600	325	1150	1850	750	900	2200

**Electric wire rope hoists are manufactured in compliance to Class II duty of IS 3938 / 1983.**

## MOTOR



Foot mounted squirrel cage induction motors designed and manufactured to IS 325 of S4 Crane duty, Sq.Cage of reputed make are used. Motors are totally enclosed half hour rated, with high starting torque, specially designed and built for hoist duty. The motors & brakes are provided with class " F " insulation.

## ROPE DRUM



The rope drum is made of sturdy seamless pipe or fabricated from steel plates and is grooved to take the full lift without overwinding. Large drum diameter to rope diameter ratio reduce wear and cable fatigue. The drum shaft revolves in ball bearings, ensuring smooth running.



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### WIRE ROPE



6 x 36 construction special plough hempcore flexible steel wire rope, having safety factor of 6 for class II and 7 for class III duty, is provided on the hoist. Galvanized and other constructions of rope can be provided for special application.

### ROPE GUIDE



Standard KCE hoist carries rope guide and pressure ring as a standard feature. Cast iron fully encircling guide ring fixed around the grooves of the drum to ensure correct rope lay.

### GEARS



Alloy steel hubbed teeth helical spur gears with solid pinions are running on ball / roller bearings with oil bath lubrication.



To avoid over winding or over lowering of wire rope, limit switches are provided with each hoist, which ensures the highest and lowest position of load hook.

### TROLLEY



Cross travel trolley is designed to suit either standard rolled steel joist or box girder. The trolley frame is rigidly bolted with hoist frame through series of holes. This also ensures proper adjustment of flange width. C.T. Wheels are provided with ball bearings and mounted on EN 8 Steel axles. The motorized trolley units have spur gearbox. Hand geared trolley and push pull trolley is also available.

### › BOTTOM BLOCK

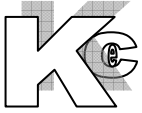


Bottom Block Assembly consisting of drop forged steel hook mounted on thrust Ball-Bearing, with large diameter sheave and hook plates made from steel.

### PUSH BUTTON STATION



P.B. Switches of reputed makes are used for 2 station, 4 station and 6 station as per applications



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### Type of Mountings :

- Fixed mounting type (mounting to suit customer requirement).
- Manual Push-Pull Trolley type.
- Endless Chain operated Trolley type.
- Motor Driven Trolley type.
- Top Running Double Girder Trolley type.
- Driver's Cabin control type.
- Radio Remote Control type.



### MICRO HOIST ARRANGEMENT

