

KEPRO ELECTRICALLY OPERATED WIRE ROPE HOIST



Warranted for 6 months

Class IV

Capacity 1 Ton to 10 Ton

Lift 6 mtrs to 30 mtrs

Smooth Function

Conical-Rotor Brake Motor

415 V - 3 Ph

Overload Protection System

Limit Switch Provided

36 Volt Pendant Control

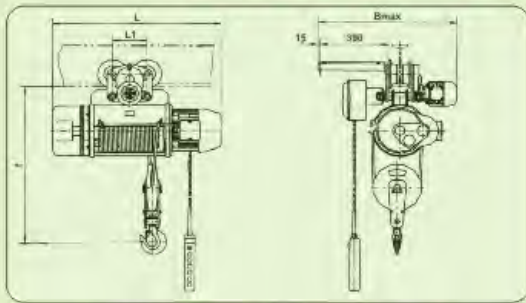
Made as per International standard

Wrong Connection Protection System

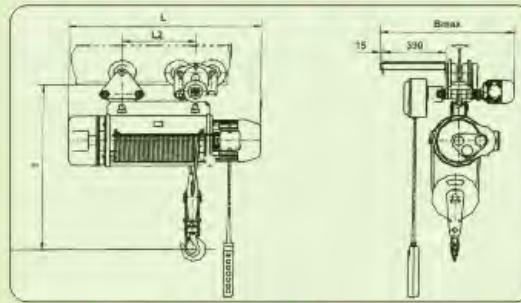
Rope Guide made of special Closed Grain Casting

Kepro[®]

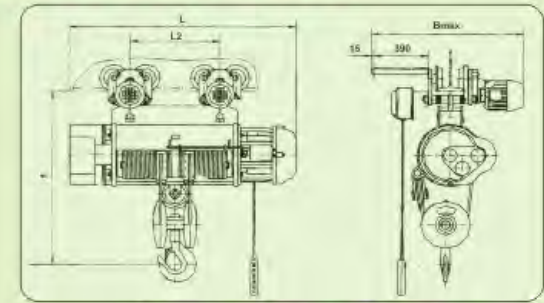
KEPRO ELECTRICALLY OPERATED WIRE ROPE HOIST



1 Ton to 5 Ton (Lift : 6 mtr. to 9 mtr.)



1 Ton to 5 Ton (Lift : 12 mtr. & Above)



10 Ton (Lift : 6 mtr. to 30 mtr.)

- ❖ **Wire Rope hoists** are designed as per International standard and suitable for Class IV duty operations Squirrel cage Crane Duty induction motors, Class F insulation.
- ❖ Compact Design, Easy Maintenance.
- ❖ Rope drum is made of seamless pipe accurately machined & grooved to ensure proper seating of wire rope in a right layer.
- ❖ The rope guide is made of special closed grain casting & is designed and accurately machined to suit the grooves of the rope drum & prevents the rope from overriding & loosening. It also operates the limit switches provided as a safety feature to limit the over hoisting & over lowering of the hook. The guide is so designed to ensure proper tensioning of the rope.
- ❖ Brake, motors, gear box & Control panel are independent units and are accessible easily. The complete hoist can be easily maintained by keeping it in its installed position, thus saving on precious labour as well as down time maintenance time.
- ❖ Motorized Trolleys are of adjustable type and fitted with ball bearings . Spacers are supplied to suit the wheel gap with recommended sizes of I-Beams.
- ❖ Heavy duty high tensile steel forged hooks are used & fitted in such a manner that they rotate and swivel freely.

TECHNICAL PARAMETERS

Capacity		1	2		3		5		10																							
No. of Fall	Ton	2		2		2		2		4																						
Dia of Wire Rope	mm	7.6		11		13		15.5		15.5																						
Hoist Height	m	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30													
Hoist Speed	m/min	8		8		8		8		7		7		7		7		7														
Cross Travel Speed	m/min	20		20		20		20		20		20		20		20		20														
Movement Track	I-Beam Type (ISMB), mm	175x85 ~ 250x125		200x100 ~ 400x140		200x100 ~ 400x140		200x100 ~ 400x140		250x125 ~ 500x180		250x125 ~ 500x180		250x125 ~ 500x180		250x125 ~ 500x180		250x125 ~ 500x180														
	Min. Curvature Radius	m	1.8	2	2.5	3.5	1.8	2	2.5	3.5	1.8	2	3	4	1.8	2.5	3	4	2.5	3	3.5	4.5	6	7.2								
Hoist Motor Power	kw	1.5		3		4.5		7.5		13		13		13		13		13		13		13										
Cross Travel Motor Power	kw	0.2		0.4		0.4		0.8		0.8 x 2		0.8 x 2		0.8 x 2		0.8 x 2		0.8 x 2		0.8 x 2		0.8 x 2										
Dimension	L	mm	760	855	955	1150	1345	1540	820	920	1020	1220	1420	1620	930	1030	1136	1342	1548	1754	1052	1157	1262	1472	1682	1892	1501	1682	1863	2225	2587	2949
	L1	mm	185		205		205		205		228		228		228		228		228		228		228		228		228		228			
	L2	mm		316	512	708	904		290	412	612	812		350	556	762	968		465	675	885	1095	530	582	763	1125	1487	1849				
	f	mm	719	810		856		956		961		1064		1177		1327		1350		1350		1350		1350		1350		1350				
	Bmax	mm	897		935		935		935		1067		1067		1067		1067		1067		1067		1067		1067		1067		1067			
Total weight±10%	Fixed Type	kg	130	140	157	172	186	203	174	190	208	232	260	284	234	250	276	310	344	374	392	410	431	476	505	545	764	820	874	1001	1090	1174
	With Cross Travel Movement	kg	170	180	207	222	236	253	230	244	299	315	337	357	308	330	392	408	434	472	494	517	601	648	691	735	1010	1066	1120	1232	1336	1440

* Extra Lifts & Higher sizes are available on request. Due to progressive development of products, Kepro reserve the right to alter the specifications shown within this leaflet without notice.



Marketed By :

Kepro Tools & Equipments Pvt. Ltd.

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