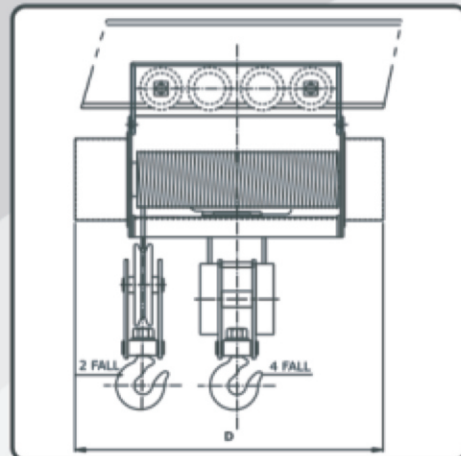
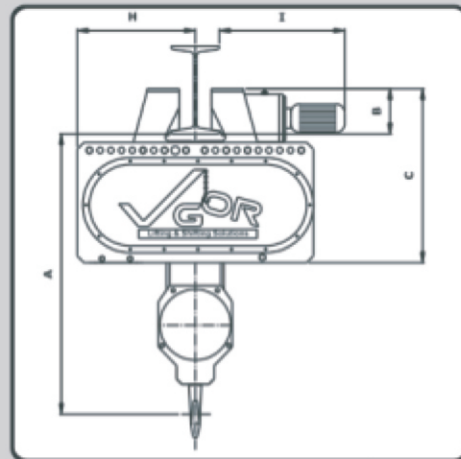


ELECTRIC WIRE ROPE HOIST



VGOR Wire Rope Hoists are designed & constructed generally as per the requirements of IS: 3938. Few salient features of the hoists are :
Ease of Use & Maintenance, Better Headroom, Modular Construction.

Rope Drum : Fabricated from Seamless Pipes with grooves for proper seating of wire rope.

Frame : Fabricated from plates conforming to IS: 2062, Gr A, laser cut profile & duly finished in boring machine.

Gears & Pinions : Helical type, made from alloy steel materials, duly hardened and tempered.

Bearings : Heavy duty ball bearings of reputed makes used on all rotating parts, grease packed.

Standard Features :

- For Cross Travel SEW Eurodrive / Siemens make geared motor
- Side plates are laser cut
- All Components are powder coated
- Only branded make motors for hoisting motion. Make : KEC / BBL

Safety Features :

- MCB & Single phase preventor provided in control panel.
- Emergency Stop Button provided in Pendant Push Button.
- R.Y.B. indicators in Electrical Panel
- Thermal OL Relay for hoist motor

Motors : S4, 150 Starts per hour, 40% CDF, crane duty Squirrel Cage motors as per IS: 325

Wire Rope : As per IS: 2266 of reputed make suitable construction, factor of safety as recommended in IS: 3938.

Rope Guide : Provided for guiding the rope along the axis of Rope slides & is easy to dismantle from rope drum.

Hook : Forged steel as per IS: 3815 supported on thrust bearing. Hooks as per IS: 15560 shall be offered on request.

Brakes : ACEM Disc brake provided for hoist.

Limit Switch : Normal roller type limit switch provided for over-hoisting & over-lowering.

Trolley Adjustment : Trolley easily adjustable for different beam sizes. Higher flange width shall be offered on request.

Optional Features :

- SEW / SIEMENS geared motor for hoisting
- Flame proof type Hoists
- CT Brake and CT Limit Switch
- Panel for LT Drive
- VFD for hoisting and cross traverse motion
- Higher height of lifts
- Different speeds for hoist and CT
- Power supply system - Shrouded Bus-bar / T-track / Taut Wire System
- Shoe brake for hoist
- Manual geared trolley & push-pull trolley
- Flexible trolley for negotiating radius of curvature.

TECHNICAL SPECIFICATION

S.W.L. Kgs.	Height of Lift in Mts.	No. of Falls	Speeds mpm		Motor H.P.		Flange Width of I Beam	Wire Rope Dia.	Dimension (m.m.)						Approx. Wt in Kgs.
			Hoisting	CT	Hoisting	CT			A(HR)	B	C	D	H	I	
500	6	2	3.5	12	0.75	0.25	90-150	6	600	175	500	700	275	375	150
1000	6	2	3.5	12	1.5	0.50	90-150	8	650	175	500	850	275	375	170
2000	6	2	3.5	12	3.0	0.50	100-180	10	800	200	550	980	310	400	400
3000	6	4	3.5	12	5.0	0.50	125-180	10	850	225	600	1150	350	450	450
5000	6	4	3.5	12	5.0	0.50	140-400	10*	1000	225	750	1250	450	450	550
7500	8	4	3.5	12	7.5	0.75	150-400	12*	1200	225	850	1700	525	500	1000
10000	8	4	3.5	12	10	0.75	150-400	14*	1300	225	850	1700	525	500	1200
15000	6	6	2.5	12	12.5	1.0	180-400	14*	1600	300	1250	1850	650	600	1600
20000	6	6	2.5	12	15	1.0	180-400	18	1800	325	1250	1850	650	600	2200

* 1960 Tensile Strength Wire Rope. (HR) = Head Room

Note : We reserve the right to modify technical specifications, dimensions, etc. as we continuously work on improvement.

Our Quality keeps us different from others.....

Manufacturers of Material Handling Equipments



VGOR ENGINEERS

An ISO 9001 : 2008 Certified Company

Plot # 13/12, Panchratna Industrial Estate,
Opp. Ramol Bridge, Vatva, Ahmedabad - 382 445.
Gujarat, India

Cel.: +91- 98243 91575, 84600 91575

e-mail : info@vgor.in ; gshank67@gmail.com

Regd. Office : 22, Shree Sadguru Homes,
Nr. Baroda Express Highway,
New Maninagar, Ramol, Ahmedabad
GUJARAT, INDIA

• website : www.vgor.in



Certificate Number 12313
ISO 9001



LIFTING & SHIFTING SOLUTIONS

ELECTRIC WIRE ROPE HOIST



V : Vigorous

G : Great diligence

O : Optimum design

R : Research & development