

ELECTRIC HOIST

TWO YEAR WARRANTY

Large selection of lifting speeds

Fix or swivel suspension mount

Low headroom lug

Chain container

Special humidity/acidity
motor treatment

Push-button control

TEFC (totally enclosed fan cooled)
motor for increased working time
and motor protection

Great degree of parts
interchangeability (optional)



ROBUST CONSTRUCTION

The built-in safety is provided by the double-braking system: an electro mechanical disc brake and a unidirectional double worm gear drive. This non reversible worm gear drive provides positive load-braking permitting loads to be lowered only under motor power.

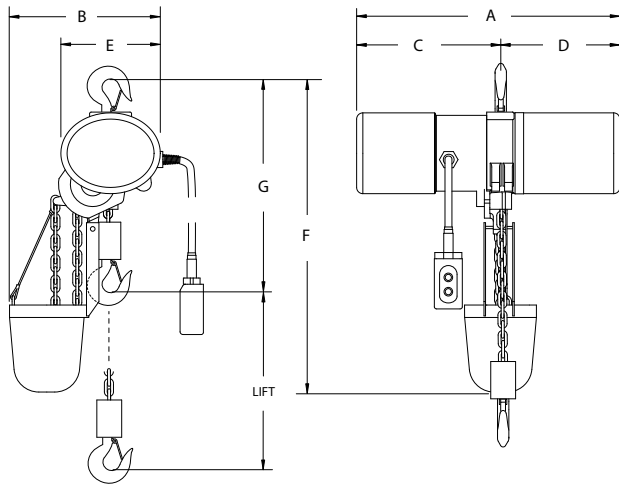
The parts of this transmission are made of heat-treated steel, and the gears are made of a special aluminum bronze alloy offering high resistance to wear. The entire transmission case is sealed in high quality oil, ensuring optimal lubrication of all components.

The central structure of all Vulcan hoists is made of a steel casting designed to transmit lifting force in a straight line, thus ensuring optimum stress distribution. This also ensures good shock resistance, which increases durability and lifespan.

The load chain on Vulcan hoists is made of case-hardened and heat treated steel offering unparalleled wear resistance. The fact that the core of each link remains soft increases elasticity and resiliency, which is vital to any lifting application. Every chain link is inspected in the plant, and every production batch is documented.

All our 1/4- to 3 ton hooks are made of forged carbon steel, while those of 5 tons and over are made of forged alloy steel. All our hooks are equipped with safety latches in accordance with applicable standards.

TECHNICAL SPECS



Capacity	Speed range	Chain fall	Weight lb	Dimensions in						G Swivel hook			G Low headroom lug	
				A	B	C	D	E	F*	Hoist only	w/ Electric trolley	w/ Manual trolley	w/ Electric trolley	w/ Nova trolley
1/4-1/2T	04 to 30 fpm	1	95	23	13 1/2	12 3/4	10 1/4	10	32	20 1/2	20 1/2	20 1/2	24	23 3/4
1/4-1/2T	30 to 52 fpm	1	96	23	13 1/2	12 3/4	10 1/4	10	32	27 1/4	27 1/4	27 1/4	28	28
1T	04 to 30 fpm	1	93	23	13 1/2	12 3/4	10 1/4	10	32	20 1/2	20 1/2	20 1/2	24	24
1T	30 to 52 fpm	1	110	24	13 1/2	12 3/4	11 1/4	10	32	27 1/4	27 1/4	27 1/4	28	28 1/2
1 1/2T	04 to 20 fpm	1	122	23	13 1/2	12 3/4	10 1/4	10	32	20 1/2	20 1/2	20 1/2	24	24
1 1/2T	20 to 33 fpm	1	127	24	13 1/2	12 3/4	11 1/4	10	32	27 1/4	27 1/4	27 1/4	28 1/2	28 3/4
2- 2 1/2T	04 to 20 fpm	2	128	23	13 1/2	12 3/4	10 1/4	10	37	24 3/4	24 3/4	24 3/4	27	27 1/2
2- 2 1/2T	20 to 26 fpm	2	149	23	13 1/2	12 3/4	10 1/4	10	37	30 1/4	30 1/4	30 1/4	30 1/4	30 1/2
3T	04 to 20 fpm	2	137	24	13 1/2	12 3/4	11 1/4	10	37	24 3/4	24 3/4	24 3/4	27	27 1/2
3T	20 to 26 fpm	2	144	24	13 1/2	12 3/4	11 1/4	10	37	30 1/4	30 1/4	30 1/4	31	31 1/2
5T	02 to 13 fpm	3	172	24	13 1/2	12 3/4	11 1/4	10	37	30	30	30	31	32 1/4
10T	07 fpm	6	350	25 1/2	N/A	12 3/4	12 3/4	N/A	37	N/A	N/A	N/A	33	33

* For standard 10' lift

SINGLE SPEED MODELS		1 Phase			3 Phases				
Capacity	Speed	115 V	230 V	HP	230 V	460 V	HP	575 V	HP
1/4T 1 FALL	07	L05A07	L05F07	3/4					
	16	L05A16	L05F16	3/4	L05H16	L05T16	1	L05V16	1
	28	L05A26	L05F26	1 1/2	L05H28	L05T28	2	L05V28	2
	33	L05A33	L05F33	1 1/2	L05H33	L05T33	2	L05V33	2
	40	L05A40	L05F40	1 1/2	L05H40	L05T40	2	L05V40	2
	52	L05A52	L05F52	1 1/2	L05H52	L05T52	2	L05V52	2
1/2T 1 FALL	10	L1A10	L1F10	3/4	L1H10	L1T10	1	L1V10	1
	16	L1A16	L1F16	3/4	L1H16	L1T16	1	L1V16	1
	20	L1A20	L1F20	1 1/2					
	26	L1A26	L1F26	1 1/2	L1H26	L1T26	2	L1V26	2
	33	L1A33	L1F33	1 1/2	L1H33	L1T33	2	L1V33	2
	40		L1F40	2	L1H40	L1T40	2	L1V40	2
	52				L1H52	L1T52	2	L1V52	2
1T 1 FALL	7	L2A7	L2F7	3/4					
	10				L2H10	L2T10	1	L2V10	1
	14	L2A14	L2F14	1 1/2	L2H14	L2T14	1	L2V14	1
	20		L2F20	2	L2H20	L2T20	2	L2V20	2
	26		L2F26	2	L2H27	L2T27	2	L2V27	2
	33				L2H33	L2T33	4 1/2	L2V33	3
	40				L2H40	L2T40	4 1/2	L2V40	3
	52				L2H52	L2T52	4 1/2	L2V52	3
1 1/2T 1 FALL	7		L3F7	1 1/2					
	16		L3F13	2	L3H16	L3T16	2	L3V16	2
	20				L3H20	L3T20	4 1/2	L3V20	3
	26				L3H26	L3T26	4 1/2	L3V26	4 1/2
	33				L3H33	L3T33	4 1/2	L3V33	4 1/2
2T 2 FALLS	4	L4A4	L4F4	1 1/2					
	7		L4F8	2	L4H7	L4T7	2	L4V7	2
	10				L4H10	L4T10	2	L4V10	2
	15		L4F13	2	L4H16	L4T16	2	L4V16	3
	20				L4H20	L4T20	4 1/2	L4V20	3
	26				L4H26	L4T26	4 1/2	L4V26	3
2 1/2T 2 FALLS	7		L5F7	2					
	20				L5H20	L5T20	4,5	L5V20	4 1/2
3T 2 FALLS	4		L6F4	1 1/2	L6H5	L6T5	2	L6V5	1 1/2
	9				L6H10	L6T10	4 1/2	L6V10	3
	15				L6H16	L6T16	4 1/2	L6V16	3
	20				L6H20	L6T20	4 1/2	L6V20	4 1/2
5T 3 FALLS	02	L10A02	L10F02	1 1/2					
	05		L10F04	2	L10H05	L10T05	4 1/2	L10V05	3
	10				L10H10	L10T10	4 1/2	L10V10	4 1/2
	13				L10H13	L10T13	4 1/2	L10V13	4 1/2
10T	07				L20H07	L20T07	9	L20V07	9

DUAL SPEED MODELS	Speed		3 Phases			
	High	Low	230 V	460 V	575 V	HP
1/4T 1 FALL	16	5,3	L05H16X2	L05T16X2	L05V16X2	2
	26	8,7	L05H26X2	L05T26X2	L05V26X2	2
	33	11,0	L05H33X2	L05T33X2	L05V33X2	2
	40	13,3	L05H40X2	L05T40X2	L05V40X2	2
	52	17,3	L05H52X2	L05T52X2	L05V52X2	2
1/2T 1 FALL	10	3,3	L1H10X2	L1T10X2	L1V10X2	2
	16	5,3	L1H16X2	L1T16X2	L1V16X2	2
	20	6,7	L1H20X2	L1T20X2	L1V20X2	2
	26	8,7	L1H26X2	L1T26X2	L1V26X2	2
	33	11,0	L1H33X2	L1T33X2	L1V33X2	2
	40	13,3	L1H40X2	L1T40X2	L1V40X2	2
	52	17,3	L1H52X2	L1T52X2	L1V52X2	2
1T 1 FALL	10	3,3	L2H10X2	L2T10X2	L2V10X2	2
	13	5,3	L2H13X2	L2T13X2	L2V13X2	2
	20	6,7	L2H20X2	L2T20X2	L2V20X2	2
	26	8,7	L2H26X2	L2T26X2	L2V26X2	2
1 1/2T 1 FALL	13	5,3	L3H13X2	L3T13X2	L3V13X2	2
	20	6,7	L3H20X2	L3T20X2	L3V20X2	2
2T 2 FALLS	10	3,3	L4H10X2	L4T10X2	L4V10X2	2
	13	5,3	L4H13X2	L4T13X2	L4V13X2	2
2 1/2T 2 FALLS	10	3,3	L5H10X2	L5T10X2	L5V10X2	2
3T 2 FALLS	7	2,3	L6H07X2	L6T07X2	L6V07X2	2
	10	3,3	L6H10X2	L6T10X2	L6V10X2	2

AVAILABLE OPTIONS

- Chain container; Vinyl or steel
- Push button control with emergency stop and alarm
- Nema 4 push button control
- Zinc plated chain and hook
- Humidity/acidity motor treatment
- Totally enclosed motor; with or without fan cooling
- Overload protection
- Synthetic oil for extreme temperatures
- Tandem operation
- Festooned power system
- Roller chain, regular or stainless steel
- Additional limit switch
- Class F motor
- Thermal overload protection
- Lug type suspension