

GTD-650

295 Kg Heavy-Duty Hoist



PN 750265 12V
PN 750280 24V

Features Include

- Provides an answer to the health and safety recommendations for manual lifting.
- High efficient low amp draw and sealed permanent magnet motor.
- Lightweight and compact design is ideal for small crane and davit applications.
- Mechanical spring applied and permanent motor dynamic brake provide for precise load control
- Waterproof industrial remote control with 5 m lead
- Full metal 3-stage planetary gear train, quiet, smooth and efficient.
- Submersible sealed contactor handles high amps and allows higher duty cycle.
- In compliance with standard of ANSI B30.5 for $D/d \geq 18$ and rope safety factor ≥ 3.5

Specifications

- Rated load: 295 kg
- Line speed (1st layer):

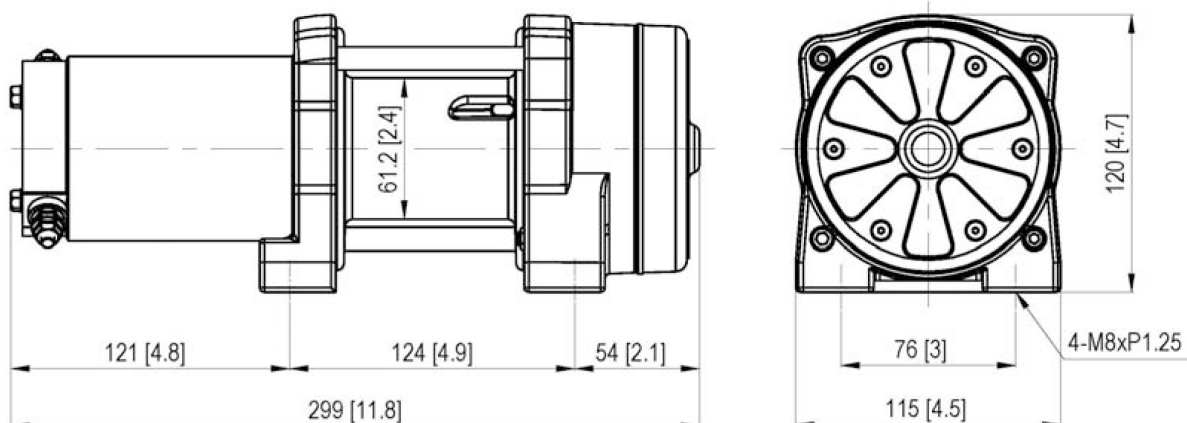
12 v	4.3 mpm 25 A @ no load
	4.0 mpm 55 A @ full load
24 v	5.0 mpm 15 A @ no load
	4.6 mpm 30 A @ full load
- Motor: 800 w / 1.0 hp 12 v / 24 v permanent magnet
- Gear ratio: 3-stage planetary 138.5:1
- Brake: Mechanical spring applied and dynamic motor
- Winch construction: Aluminum die-cast housings and drum.
- Drum size: 61.2 x 105 x 75 L
- Control: Remote control with 5 m lead
- Recommended Wire Rope: Galvanized aircraft A7 x 19
- Size: 3.6 mm x 18.3 m A7 x 19
- Mounting bolts pattern: 124 x 76 mm
- Standard Compliance: CE Machinery Directive 2006/42
CE EMC Directive 2004/108/EC
ANSI B30.5

Line Pull and Rope Capacity

ROPE LAYER	PULL BY LAYER (KG / LB)	TOTAL ROPE ON DRUM (M)
1	295 / 650	4.1
2	266 / 586	8.7
3	241 / 531	13.8
4	221 / 487	18.3

LINE SPEED & AMP DRAW (1st Layer of Wire Rope on the Drum)					
LINE PULL	LINE SPEED (MPM)		AMP DRAW		% DUTY CYCLE
KG / LB	12V	24V	12V	24V	MIN / 10 MIN
No Load	4.3	5.0	25	15	3.0
147 / 320	4.2	4.8	45	22	2.0
295 / 650	4.0	4.6	55	30	1.5

Dimensions mm/inch



Packaging

- Hoist Weight: 7.7 kg
- Gross Weight: 11.6 kg
- Box Dimensions: 390 x 170 x 300 mm

Accessories

- Wire rope 3.6 mm x 18.3 m w/safety hook
- Remote control 5m cord
- Control pack

WARNING!

- Do not use winch to transport, lift or otherwise move personnel.
- The rated line pull shown is based on the first layer of wire rope on the drum.
- The wire rope must remain on the drum at all times with at least 5 wraps.

Warranty

Each new hoist is guaranteed against defects in workmanship and material defects for a period of 12 months from date of purchase.