

# WOLF 12.0

## 12,000 LB Electric Worm Gear Winch



PN 782478 12V  
PN 783415 24V

### Features Include

- Robust extreme heavy duty worm drive.
- Heavy duty series wound motor gives high torque and fast line speed under extreme operating conditions.
- Submersible heavy duty sealed contactor with silver-alloy contact pads and thick copper buss bars ensure maximum power reaches the motor.
- Dual braking action of an irreversible worm/wheel and mechanical ratchet brake bring the load to an instant stop with no coasting.
- Manual lever clutch for rapid wire rope payout.
- Two incredibly strong gearboxes, running on precision roller bearings and oil bathed.
- Higher D/d ratio caters for heavy duty commercial recovery.
- Meets SAE J706, CE Machinery Directive 2006/42/EC, and REMSA Standards.

### Specifications

- |                            |  |
|----------------------------|--|
| • Rated line pull:         | 5,443 kg / 12,000 lb single line (SAW J706)                            |
| • Motor:                   | 3,430 w / 4.6 hp 12V series wound<br>2,240 w / 3.0 hp 24V series wound |
| • Gear Train:              | 2 stage spur gear PLUS worm gear                                       |
| • Gear ratio:              | 424:1  |
| • Brake (outside of drum): | Dual brakes of an Irreversible worm gear and mechanism ratchet wheel.  |
| • Clutch (freespooling):   | Mechanical lever   |
| • Drum size:               | 89 x 229 mm  |
| • Control:                 | Weather proof remote control with 5 m cord                             |
| • Recommended Wire Rope:   | Galvanized aircraft A7 x 19  |
| • Rope Size:               | 9.5 mm x 30.5 m  |
| • Mounting bolt pattern:   | 273 x 110 mm   |
| • 8 bolt mount:            | 257 x 172 mm   |

## Line Pull and Rope Capacity

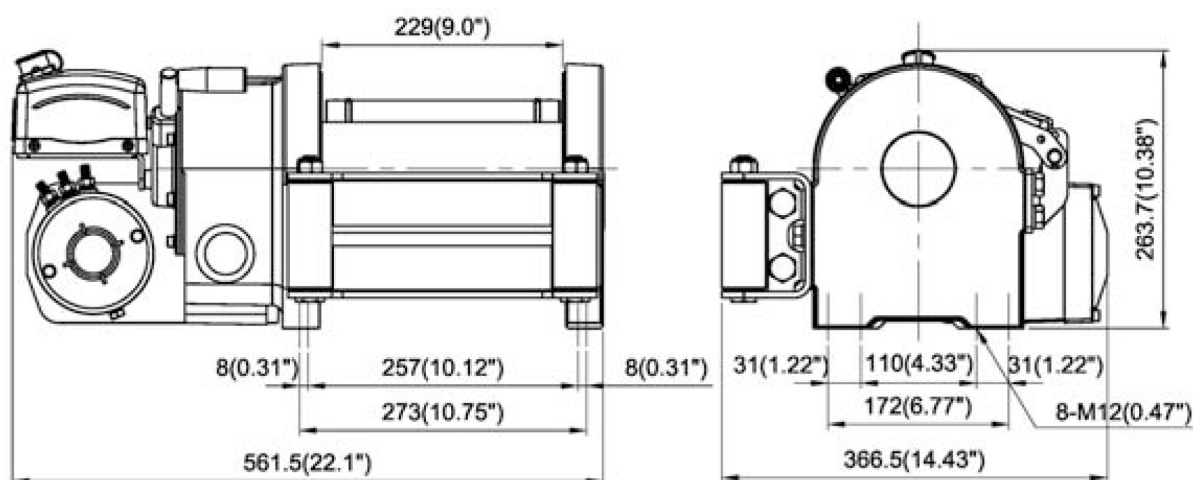
ROPE LAYER	PULL BY LAYER (KG / LB)	TOTAL ROPE ON DRUM (M)
1	5 443 / 12 000	7.3
2	4 563 / 10 060	16.0
3	3 928 / 8 659	26.1
4	3 448 / 7 601	30.5

### LINE SPEED & AMP DRAW

(1st Layer of Wire Rope on the Drum)

LINE PULL	LINE SPEED (MPM)	AMP DRAW	
KG / LB		12V	24V
No Load	6.3	70	40
2 722 / 6 000	2.7	180	85
3 630 / 8 000	1.7	270	120
4 535 / 10 000	1.4	310	150
5 443 / 12 000	1.0	350	190

## Dimensions mm/inch



## Packaging

- Winch Weight: 41 kg
- Gross Weight: 51 kg
- Box Dimensions: 610 x 427 x 350 mm

## Accessories

- Roller fairlead
- Remote control 5m cord
- Detachable control box
- Cable tensioner
- Wire rope w/hook
- Snatch Block (OPTIONAL)

## 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 winch is guaranteed against defects in workmanship and material defects for a period of twelve months from date of purchase. Wire ropes are not included under warranty.