

COMEUP DV18 Heavy Duty Pulling Winch



- Features compact size, light-weight, extreme low profile and spec. leading 18,000 lb pulling make it the optimal winch to fit in the limited space on most of the current vehicles.
- 10 equally positioned pin holes with an ergonomic T-handle make it possible to reposition in 36 degree Increments.
- Hardened steel, 3-stage planetary gear train for efficient and reliable operation
- Water-proof remote control with thermometric LED indicator alerts when the motor is over-heated.
- U.S. Germany, U.K. France, etc patented mechanical cone brake holds the full load without slipping.
- Meet international standards such as SAE J706, CE Machinery Directive 2006/42/EC, and REMSA.

Accessories:

- Roller fairlead
- Remote control w/5 m (17') cord
- Detachable control box
- Wire rope w/safety hook
- 1.8 m (6') 2 gauge battery lead
- Handsaver strap



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Submersible Sealed Contactor

The heavy-duty sealed contactor with silver-alloy contact pads, thick copper buss bars and submersible construction ensures weather resistance. It handles high amps and allows a higher duty cycle. The industrial grade contactor is durable, reliable and ensures high performance.



Extreme Durable Motor

Heavy-duty series-wound motor delivers superior torque output and faster line speed



Aluminium Alloy Housing

Tough aluminium alloy die cast housing withstands strength of 2 times winch line pull at least



Rapid Rope Pay-out & Clutch Reposition

An ergonomic T-handle positively engages the free spool clutch through multiple evenly spaced locking holes. The entire clutch can be rotated to reposition the 'T' handle in multiple locations to ease accessibility in various winch mounting positions



Hardened Steel 3-Stage Planetary Gear Train

Rugged and quiet planetary gears for maximum mechanical efficiency.



Automatic Full Load Cone Brake System (CBS)

UK, US, German, French etc patented brake mount automatically endures full load without slipping. With CBS, the greater the load on the rope, the greater the amount of brake is generated by the mechanism. Furthermore, the braking mechanism is mounted outside the drum rather than inside, which expedites heat dispersion and makes this winch perfect to use with synthetic rope.



Protective Thermal Sensor LED

The industrial grade waterproof remote control with thermometric LED indicator on the switch automatically alerts when receiving a warning signal if the motor is overheating



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Specification/Part Numbers

- Part number: PN 851823 (12V) / PN 851838 (24V)
- Rated line pull: 8,181 kg / 18,000 lb single line
- Motor:
 - 5,220 w / 7.0 hp 12V series wound w/thermal protection switch
 - 4,474 w / 6.0 hp 24V series wound w/thermal protection switch
- Gear train: 3-stage planetary 315:1
- Clutch (freespooling): Rotating ring gear
- Brake (outside the drum): Automatic, full load CBS (Cone Brake Structure)
- Winch construction: Aluminum die cast housings with steel drum
- Drum size: 89 mm x 192L mm (3.5" x 7.6"L)
- Control: Waterproof remote with thermometric indicator LED w/ 5 m (17') cord
- Rope type: 6 × 29 - IWRC
- Rope size: 12.7 mm x 25 m (1/2" x 82')
- Mounting bolt pattern: 254 mm x 114 mm (10" x 4.5")
254 mm x 165 mm (10" x 6.5")
- Mounting: Foot forward mounting only
- Winch weight (including rope) : 59 kg / 130 lb
- Gross weight : 71 kg / 156.5 lb
- Box dimension, (L x D x H) : 694.2 x 265.2 x 418.4 mm (27.3" x 10.4" x 16.5")

Line Speed and Amp. Draw (1st layer of wire rope on the drum):

Line Pull, kg / lb	Line Speed, mpm / fpm	Amp, Draw, A	
		12V	24V
No load	8.6 / 28.2	35	40
1,814 / 4,000	4.0 / 13.1	115	70
3,630 / 8,000	3.6 / 12.0	200	140
4,535 / 10,000	3.2 / 10.6	230	180
5,443 / 12,000	2.8 / 9.3	260	210
6,804 / 15,000	2.3 / 7.5	320	240
8,181 / 18,000	1.0 / 3.3	350	290

Line Pull and Rope Capacity:

Layer of Rope	Pull by layer, kg / lb	Total Rope on the Drum, m / ft
1 st	8,181 / 18,000	4.7 / 15.4
2 nd	6,546 / 14,431	10.5 / 34.4
3 rd	5,456 / 12,028	17.5 / 57.4
4 th	4,677 / 10,311	25.0 / 82.0

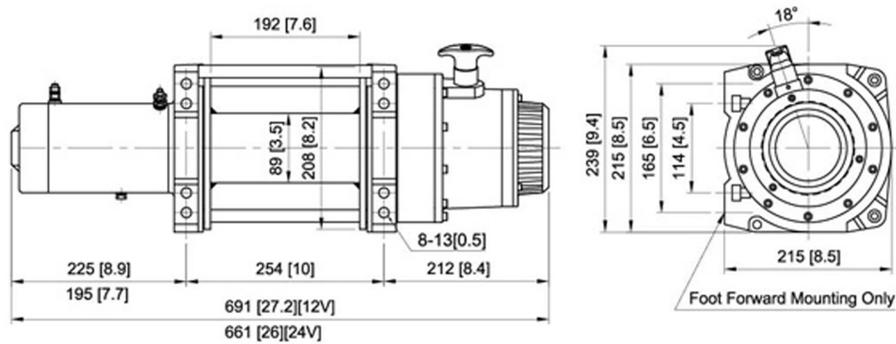
Warning

**Winches are not to be used for the lifting or moving of persons.
The rated line pull shown is based on the first layer of rope on the drum.
The rope winding on the drum shall remain 5 wraps from the drum.**

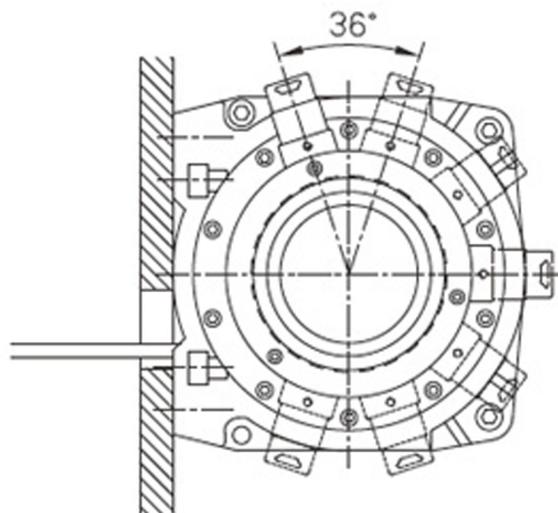


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Dimensions, mm/in:



10 equally positioned pin holes ensure seamless clutch transmission and make it easily rotate by 36° increments.



Warranty

Each new winch is guaranteed against defects in workmanship and material defects for a stipulate period from date of purchase.

*Automotive Winch: Limited lifetime warranty for mechanical components,
New Seal Gen2 Series winch a three (3) years warranty for electrical components,

WIRE/SYNTHETIC ROPES ARE NOT INCLUDED UNDER WARRANTY.



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