



## Series 9 24v DC Winch



The Series 9 DC winch features a weatherproof industrial contactor and heavy duty remote control. The disc brake is designed for extended power-out use and the motor is protected by a thermal overload switch. Its higher gear ratio of 199:1 provides fast line speed. It is designed to meet SAE J706 and CE standards.

**Penny Hydraulics**



## Series 9 24v DC WINCH SPECIFICATION & PART NUMBERS

• Part Number	PN 30284 (anti clockwise rotation)
• Type	24v electric
• Maximum rated load	9000lbs (4091 kg)
• Maximum wire rope recommended	38m x 10mm
• Drum barrel diameter	4" (102mm)
• Drum flange diameter	8.24" (209mm)
• Distance between flanges	9.95" (253mm)
• Contactor	Industrial contactor with 32ft (10m) heavy duty remote control
• Gear ratio	199:1
• Drum diameter/ length	4"/ 9" (6.4cm/ 23cm)
• Approximate shipping weight	94lbs (43kgs)
• Motor	24v DC Series Wound™ 2.5hp (1.87 KW)
• Standard compliance	SAE J706, NFPA 1901-73, CE Machinery Directive 98/37/EEC
• Accessories available	Overload Interrupt PN 61929 Tensioner Plate PN 31149 Remote Clutch Kit PN 38316 (mechanical) PN 31256 (air) Roller Fairlead PN 24336 (heavy duty), PN 64962 (std duty)

## Series 9 24v DC WINCH MULTI LAYER PERFORMANCE DATA

Layer	Line Load lbs (kg)	Line Speed ft/min (M/min)	Wire Rope Capacity ft (meters)
1	9000 (4091)	5.0 (1.5)	24 (7.3)
2	7670 (3486)	5.9 (2.8)	53 (16.2)
3	6710 (3050)	6.7 (3.6)	86 (26.5)
4	5940 (2700)	7.6 (4.5)	126 (38.4)

## Series 9 24v DC WINCH MULTI LAYER PERFORMANCE DATA

Line Pull lbs (kg)	Line Speed ft/min (M/min)	Motor Current	Pull By Layer layer/ lbs (kg)
0	51 (15.5)	60 amps	4.8
3000 (1350)	16 (4.9)	145 amps	3.1
6000 (2700)	10 (2.9)	205 amps	2.0
9000 (4100)	5 (1.5)	270 amps	0.7

Above performance specifications based on first layer of drum