



Series 12 24v DC Winch



The Series 12 DC winch is fitted with a 4" diameter drum for improved wire rope durability. It can be fitted with a roller fairlead, wire rope tensioner and an Overload interrupt device (OLI).

Penny Hydraulics



Series 12 24v DC WINCH SPECIFICATION & PART NUMBERS

• Part Number	PN 30290 (anti clockwise rotation)
• Type	24v electric
• Maximum rated load	12000lbs (5440 kg)
• Maximum wire rope recommended	11mm x 26m max dia. Meets BS7901
• 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	315:1
• Weight	103lbs (47kg)
• 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 12 24v DC WINCH MULTI LAYER PERFORMANCE DATA

Layer	Line Load lbs (kg)	Line Speed ft/min (M/min)	Wire Rope Capacity ft (meters)
1	12000 (5400)	6.5 (2.0)	24 (7.3)
2	10140 (4610)	7.7 (2.4)	53 (16.2)
3	8840 (4020)	8.8 (2.7)	87 (26.5)
4	7850 (3570)	9.9 (3.0)	126 (38.4)

Series 12 24v DC WINCH MULTI LAYER PERFORMANCE DATA

Line Pull lbs (kg)	Line Speed ft/min (M/min)	Motor Current	Duty Cycle min/ 10 min
0	26 (7.9)	56 amps	4.8
3000 (1350)	12 (3.8)	120 amps	4.2
6000 (2700)	9.0 (2.8)	160 amps	3.0
9000 (4100)	8.0 (2.3)	200 amps	1.5
12000 (6818)	6.0 (2.0)	240 amps	0.7

Above performance specifications based on first layer of drum