



## Series 12 Hydraulic Winch



The Series 12 hydraulic winch features a 2-stage planetary gear train with a total reduction of 36:1. This winch uses a heavy duty automatic disc brake and locking clutch lever. The 4" (102mm) steel drum provides excellent durability for the wire rope. The Series 12 hydraulic winch is designed to meet SAE J706 and CE standards.

**Penny Hydraulics**



## SERIES 12 HYDRAULIC WINCH SPECIFICATION & PART NUMBERS

• Part Number:	PN 30285 (anti clockwise rotation)
• Type:	Hydraulic 4.8 cubic inches
• Maximum rated load:	12000lbs (5440kg)
• Maximum wire rope recommended:	26m x 11mm
• Maximum input flow:	16 USGPM (60L/min)
• Drum barrel diameter:	4" (102mm)
• Drum flange diameter:	8.24" (209mm)
• Distance between flanges:	11.95" (304mm)
• Hydraulic motor:	4.8 cubic inches (78.7cc)
• Gear ratio:	36:1
• Approximate shipping weight:	85lbs (39kg)
• Standard compliance:	SAE J706, NFPA 1901-74
• Accessories available:	Wire rope tension plate PN 31149 Remote clutch kit PN 38316 (mechanical) PN 31256 (air) Roller fairlead PN 24336 (Heavy Duty) PN 64962 (Std Duty)

## SERIES 12 HYDRAULIC WINCH MULTI LAYER PERFORMANCE DATA

Layer	Line Load lb (kg)	Line Speed ft/min (m/min)	Wire Rope Capacity ft (meters)
1	12000 (5400)	20 (7.3)	24 (7.3)
2	10140 (4610)	28 (8.5)	53 (16.2)
3	8840 (4020)	32 (9.8)	87 (26.5)
4	7850 (3570)	36 (11.0)	126 (38.4)

## SERIES 12 HYDRAULIC WINCH MULTI LAYER PERFORMANCE DATA

Line Load lb	kg	Pressure Drop	
		psi	bar
0	0	300	21
4000	1818	805	56
8000	3636	1310	90
12000	5455	1820	126

Above performance specifications based on first layer of drum