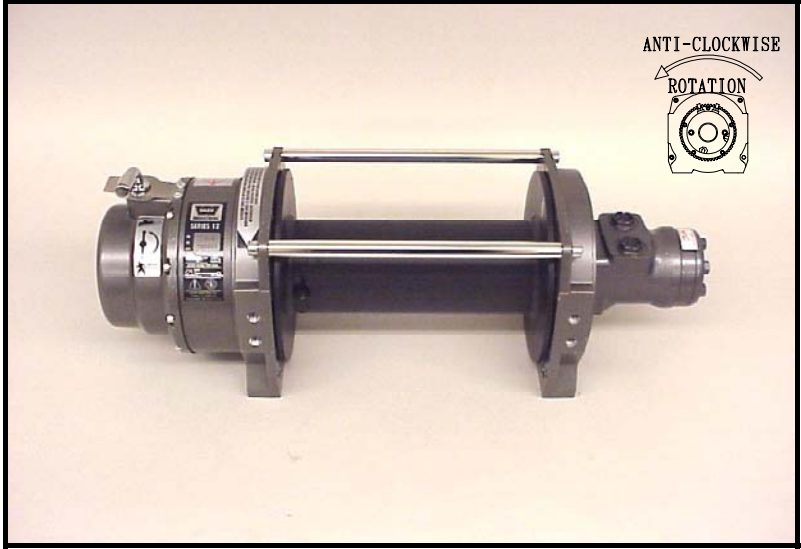
WARN INDUSTRIAL WINCH	WINCH MODEL	PART NUMBER	TYPE
	SERIES 12 HYD	PN 30285	HYDRAULIC 4.8 cu in



02/11/02

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

ENGINEERING DATA:

- **Maximum rated load :** 12000 lbs (5440kg)
- **Maximum wire rope recommended:** 1/2” 26600 lbs (12065kg) minimum breaking strength
- **Maximum input flow:** 16 USGPM (60 L/MIN)
- **Drum barrel diameter:** 4.0” (102 mm)
- **Drum flange diameter:** 8.24” (209 mm)
- **Distance between flanges:** 9.95” (253 mm)
- **Hydraulic Motor:** 4.8 cu in (78.7 cc)
- **Gear ratio:** 36:1
- **Approximate shipping weight:** 85 lbs (39 kg)

STANDARDS COMPLIANCE:

- SAE J706
- NFPA 1901-74
- CE Machinery Directive 98/37/EEC

PERFORMANCE DATA:

LAYER	LINE LOAD		LINE SPEED at 15 GPM (57 l/min.)		WIRE ROPE CAPACITY*	
	lb.	kg	ft/min.	m/min.	ft.	meters
1	12000	5400	24	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

1 st LAYER	LINE LOAD		PRESSURE DROP	
	lb.	kg	psi	bar
	0	0	300	21
	4000	1818	805	56
	8000	3636	1310	90
	12000	5455	1820	126

AVAILABLE ACCESSORIES:

- Roller Fairlead
  - pn 24336 (black)
  - pn 30859 (chrome)
- Wire rope tension plate
  - pn 31149
- Remote clutch kit
  - pn 38316 (mechanical)
  - pn 31256 (air)

WARN INDUSTRIES, INC. INDUSTRIAL PRODUCTS

12900 S.E. Capps Road, Clackamas, OR USA 97015-8903
Customer Service (in North America): 1.800.543.9276
Customer Service (international): 1.503.722.3008
Fax:1.503.722.3000 www.warn.com

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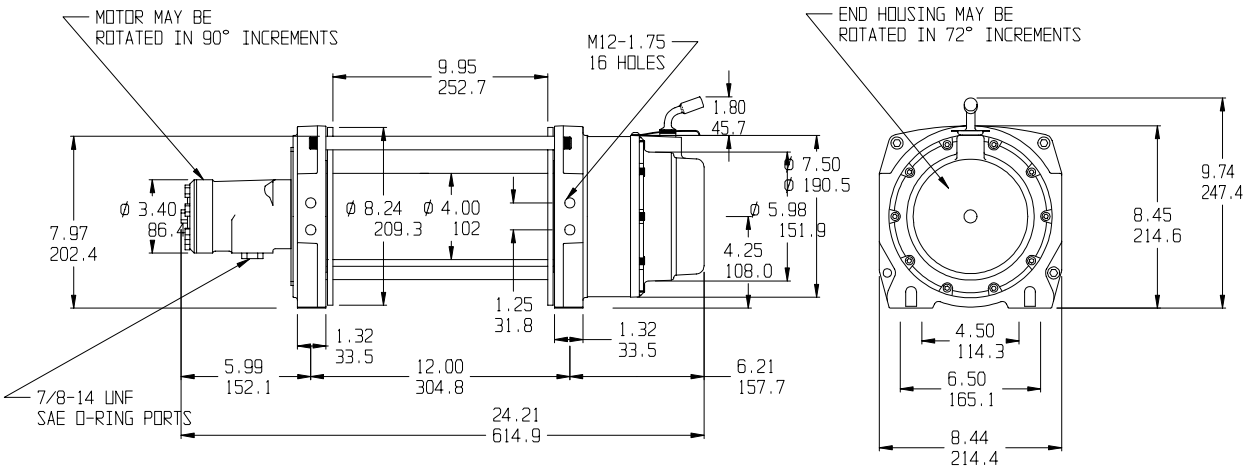
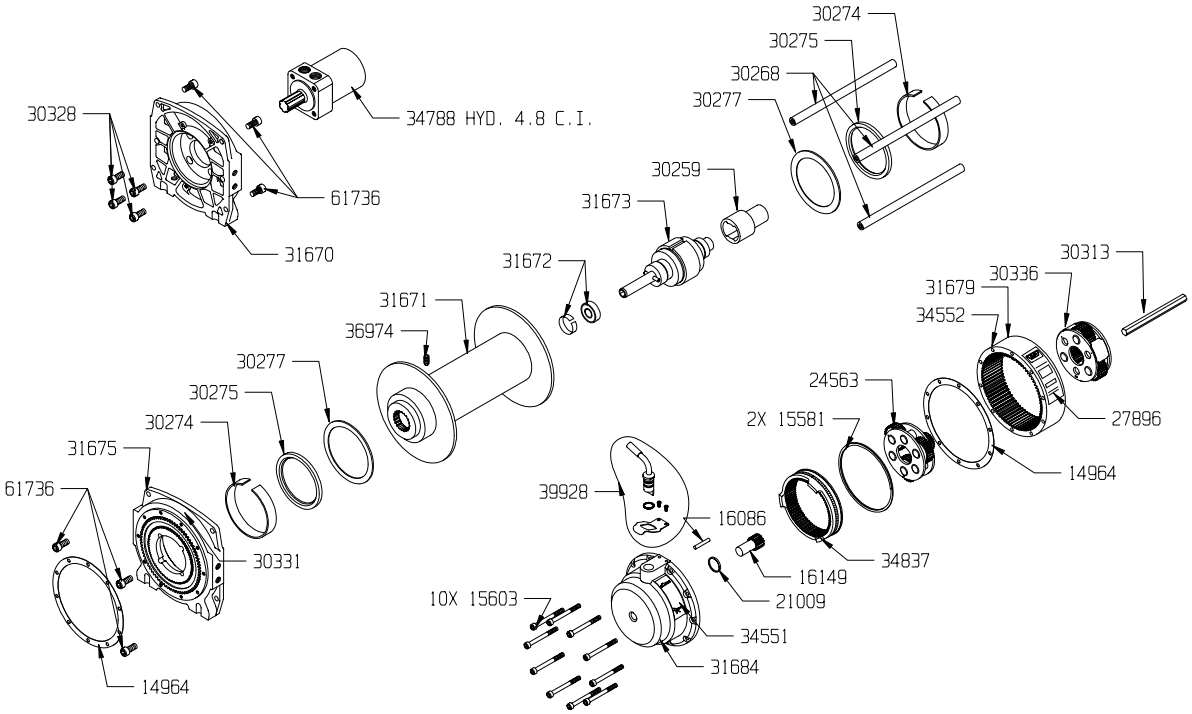
DIMENSIONAL DATA



REPLACEMENT PARTS



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