



# WC 105R

## Heavy Duty Planetary

**105,000 lb**  
Rated Line Pull



### Features and Benefits

- 2-Year Warranty
- Fast line speed
  - Up to 23 ft/min under full load
- Oil-impregnated bronze drum bushings
  - Eliminates external drum grease zerks for less field maintenance
- Heavy-duty clutch yoke
  - Designed for easy access field maintenance
- Heavy-duty shafts
  - For strength and durability
- Symmetrical design
  - For streamline mounting
- Heavy-duty clutch splined directly to shaft
  - For strength and reliability
- 2-Speed gear motor
- SAE J706

### WC 105R Specifications

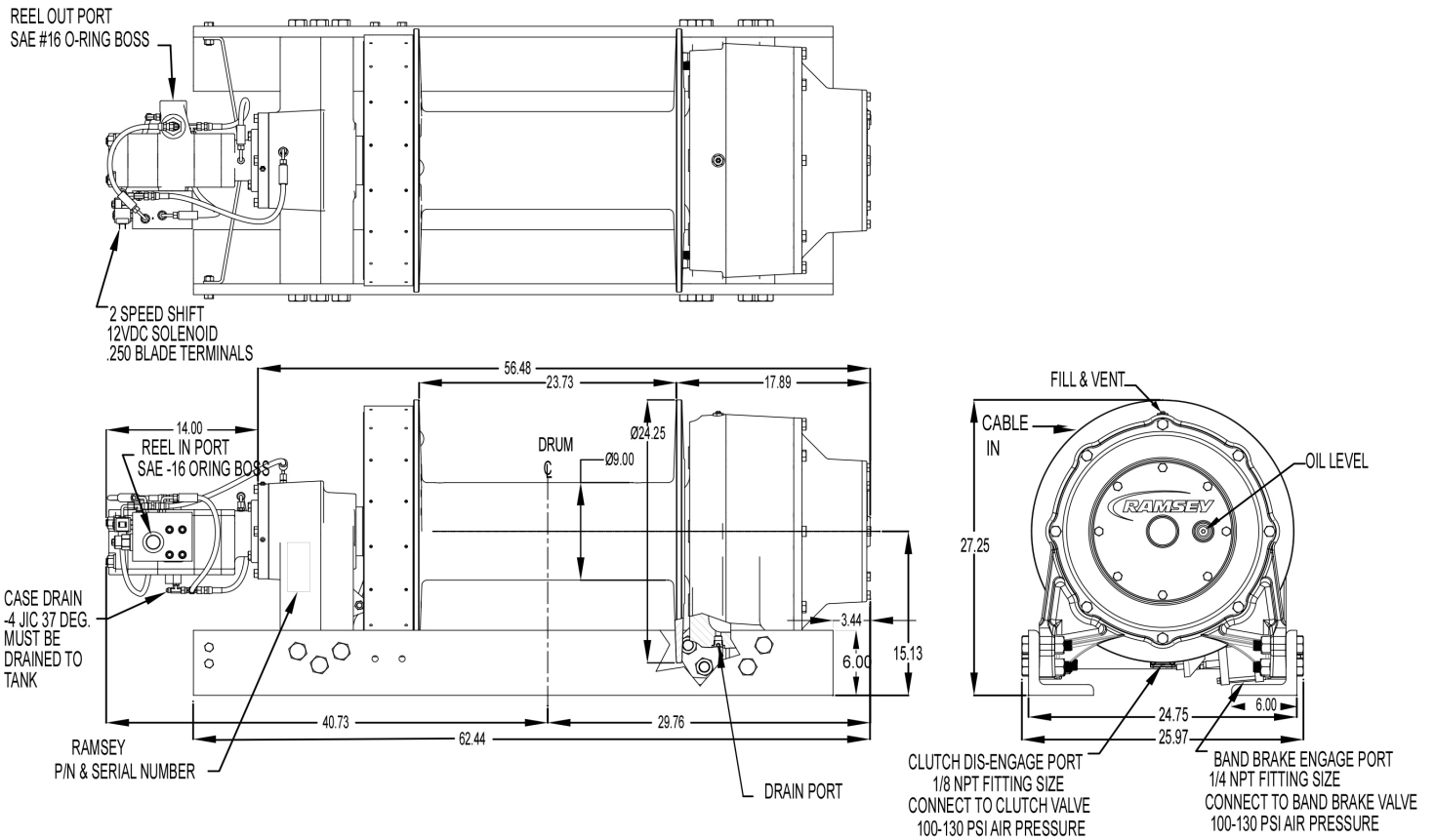
Rated Line Pull (Low Speed)	105,000 lb (47,620 kg)
Weight (without Cable)	2150 lb (975 kg)
Gear Reduction	171:1

WC 105R Standard Drum							
Layer of Cable		1	2	3	4	5	6
Rated Line Pull / Layer* (Low Speed)	lb	105,000	85,900	72,600	63,000	55,500	49,700
	kg	47,620	38,960	32,930	28,570	25,170	22,540
Rated Line Pull / Layer* (High Speed)	lb	49,000	40,000	33,900	29,400	25,900	23,200
	kg	22,220	18,140	15,370	13,330	11,740	10,520
Line Speed – Low (at 60 GPM)*	FPM	23	27	32	36	41	46
	(MPM)	6.9	8.2	9.7	10.9	12.4	13.9
Line Speed – High (at 60 GPM)*	FPM	46	55	64	73	82	92
	(MPM)	13.9	16.7	19.4	22.1	24.9	27.9
Cable Capacity* Standard Drum	ft	45	105	180	260	355	465
	m	13	32	54	79	108	141

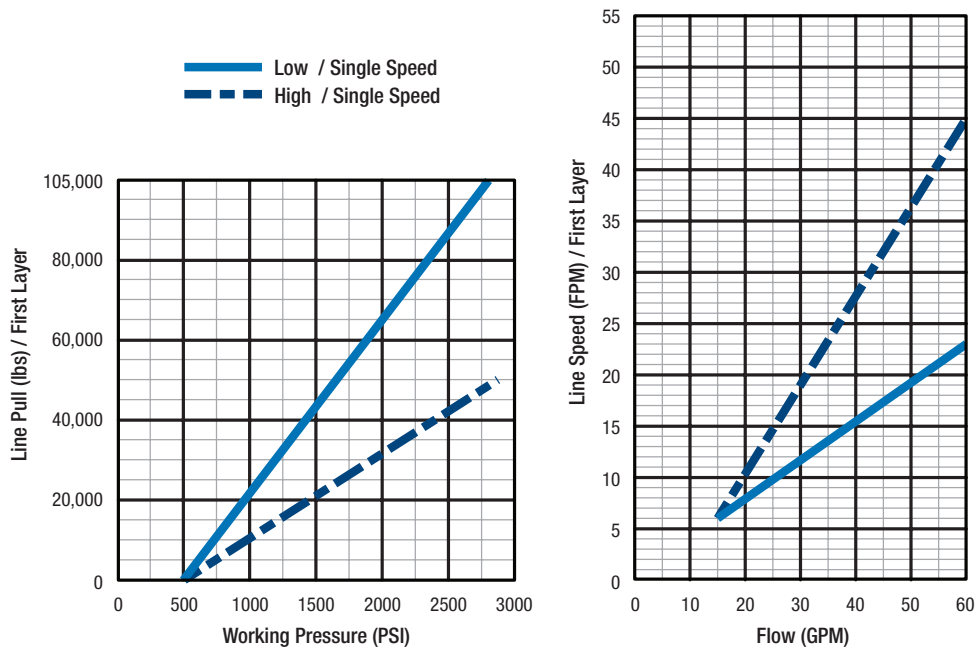
\*Specifications based on recommended wire rope of 1.125 inch dia. EIPS cable and 9.6 cu. in./rev. motor at 2,850 psi working pressure and 60 gpm flow.

– Directional control valve: 3-position, 4-way motor spool.

– Winch meets SAE J706.



## Performance with 10.3 in<sup>3</sup>/Rev Motor



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