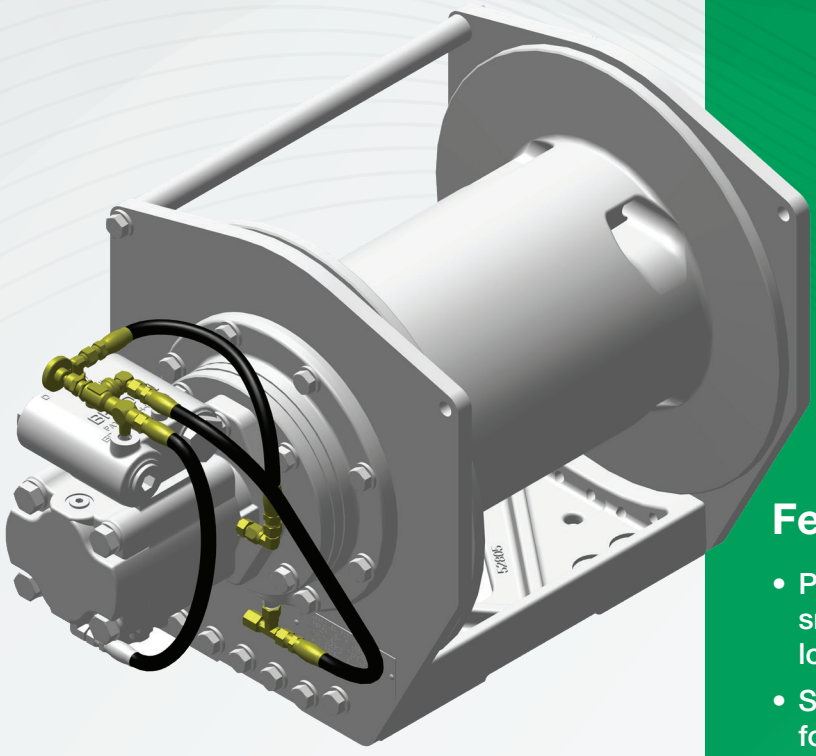
PD Series

PD7 | PD12 | PD15 | PD17 | PD21

BRADEN®



PD Series planetary hoists deliver superior performance and unrivaled durability. The power drum design and patented BRADEN brake valve provide outstanding reliability and control. The simplified drum base allows for maximum installation versatility. With more than 200 standard configurations available, PD Series hoists can be used for a wide range of hoisting applications from mobile and offshore platform cranes to personnel handling systems and drill rigs.

Features & Benefits

- Patented BRADEN brake valve enables smooth operation and precise load control
- Sealed, high-efficiency gear system for continuous duty performance and quiet operation
- Anti-friction bearings for long service life
- Overrunning clutch for fall-back prevention
- Dynamic and multi-disc static brake systems for smooth operation and fail-safe load handling
- Integrated gearing in the drum minimizes overall dimensions
- Multiple gear ratios and motor options for optimum performance
- API 2c compliant (optional)







Applications

- Utility
- Mobile Cranes
- Offshore Cranes
- Drilling

ARROWHEAD WINCH

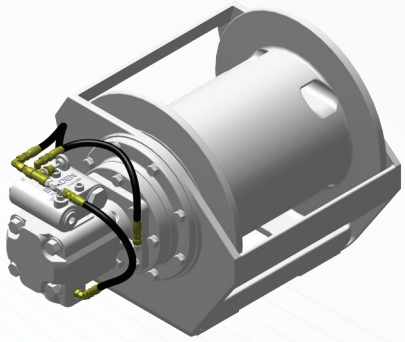
800 East Dallas | Broken Arrow, OK 74012
www.arrowheadwinch.com | 918.251.8511

MADE IN THE USA

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PD15B Planetary Hoist

15,000 lb (6,804 kg) Rated Line Pull



Gear Ratios	41:1, 34:1
Approx. Unit Weight	270 lb (122 kg) Short / 300 lb (136 kg) Long
Standard Motors	080 (8.0 CID), 064 (6.38 CID), 051 (5.1 CID), 032 (3.18 CID)
Drum Sizes	04 — 10.63” (270 mm) B x 20” (508 mm) F x 13.5” (343 mm) BF 05 — 10.63” (270 mm) B x 16.5” (419 mm) F x 13.5” (343 mm) BF 06 — 10.5” (267 mm) B x 20” (508 mm) F x 22.42” (569 mm) BF 23 — 10.63” (270 mm) B x 18” (457 mm) F x 13.5” (343 mm) BF
Rope Diameters	1/2” (13 mm), 9/16” (14 mm), 5/8” (16 mm)
Freefall Options	Freefall (FF), Controlled Freefall (CF)
Cable Management Options	Grooved Drum, Tension Roller
API 2c Compliant	Yes (optional)

Specifications are representative of common configuration. Consult factory for additional options.

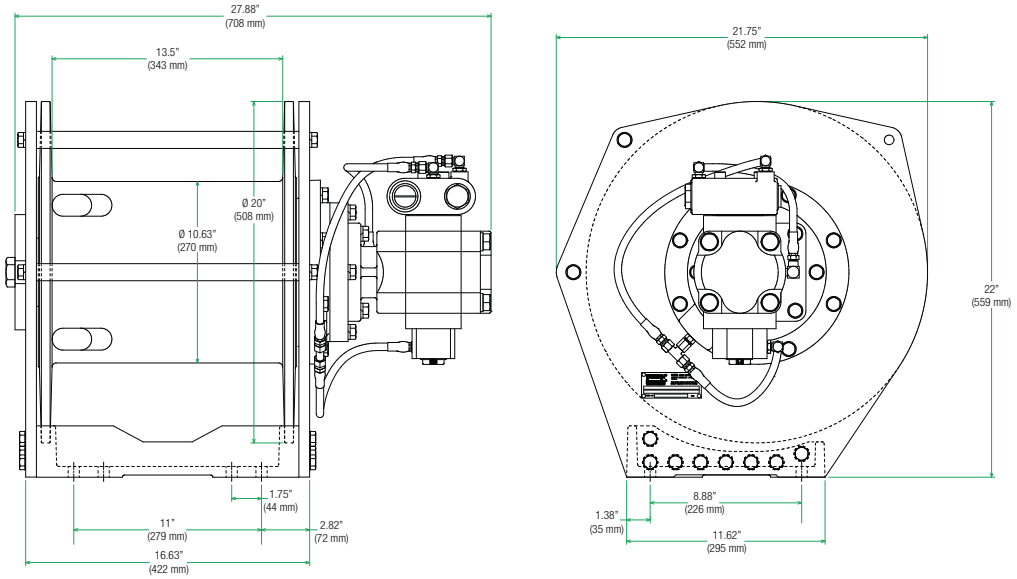
Performance (PD15B-41064-04)

	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5
Line Pull*	15,000 lb (6,804 kg)	13,500 lb (6,123 kg)	12,270 lb (5,566 kg)	11,250 lb (5,103 kg)	10,380 lb (4,708 kg)
Line Speed*	193 fpm (58.8 mpm)	215 fpm (65.5 mpm)	236 fpm (71.9 mpm)	258 fpm (78.6 mpm)	279 fpm (85 mpm)
Drum Capacity**					
1/2” (13 mm)	79 ft (24.1 m)	165 ft (50.3 m)	258 ft (78.6 m)	358 ft (109.1 m)	465 ft (141.7 m)
9/16” (14 mm)	70 ft (21.3 m)	147 ft (44.8 m)	231 ft (70.4 m)	322 ft (98.1 m)	421 ft (128.3 m)
5/8” (16 mm)	64 ft (19.5 m)	135 ft (41.1 m)	213 ft (64.9 m)	298 ft (90.8 m)	390 ft (118.9 m)

**Based on pressure of 2,605 psi (179.6 bar), 80 gpm (303 lpm), 5/8” (16 mm) rope and 6.38 CID motor. Actual performance will vary dependent on hydraulic system, motor, drum and cable sizes.*

***Capacity per ANSI/ASME.*

Dimensions (PD15B-41064-04 shown. Additional technical information available at www.paccarwinch.com.)



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