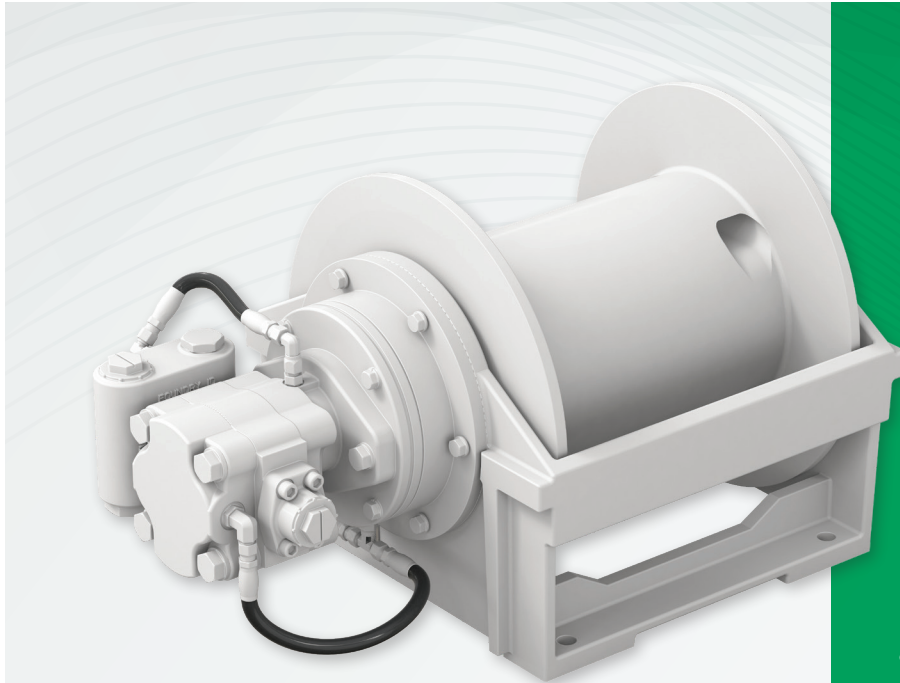


BG Series

BG3 | BG4 | BG6 | BG8



Features & Benefits

- Sealed, high-efficiency gear system for continuous duty performance and quiet operation
- Anti-friction bearings for long service life
- Cast ductile iron base for unparalleled strength in demanding applications
- Dynamic and multi-disc static brake systems for smooth operation and fail-safe load handling
- Easy-to-access drum oil drain allows for servicing with cable in place
- Multiple gear ratios and motor options for optimum performance
- API 2c compliant (optional)

The compact, sturdy design of BG Series planetary hoists provides exceptional power and durability. Low maintenance costs and ease of service make BG hoists the smart choice for a variety of applications including service truck and knuckleboom cranes, drilling rigs, marine installations and dynamic swing systems utilized for dredging.

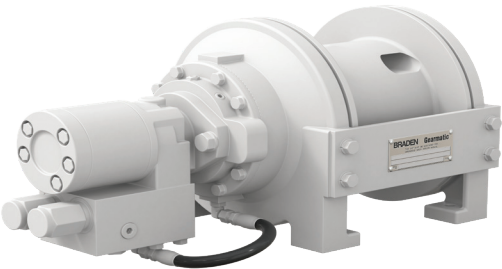


Applications

- Utility
- Construction
- Drilling
- Marine

BG3B Planetary Hoist

3,000 lb (1,361 kg) Rated Line Pull



Gear Ratio	5:1
Approx. Unit Weight	116 to 146 lb (53 to 66 kg)
Standard Motors	080 (8.0 CID), 100 (10.0 CID), 119 (11.9 CID)
Drum Size	01 — 6.5" (165 mm) B x 9.75" (248 mm) F x 5.85" (149 mm) BF
Rope Diameters	1/4" (6 mm), 3/8" (10 mm)
Cable Management Options	Tension Roller
API 2c Compliant	No

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

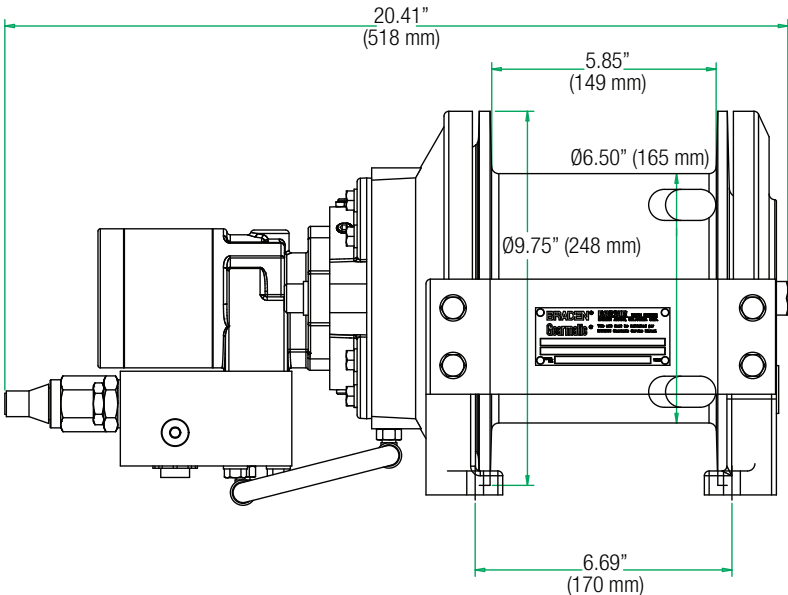
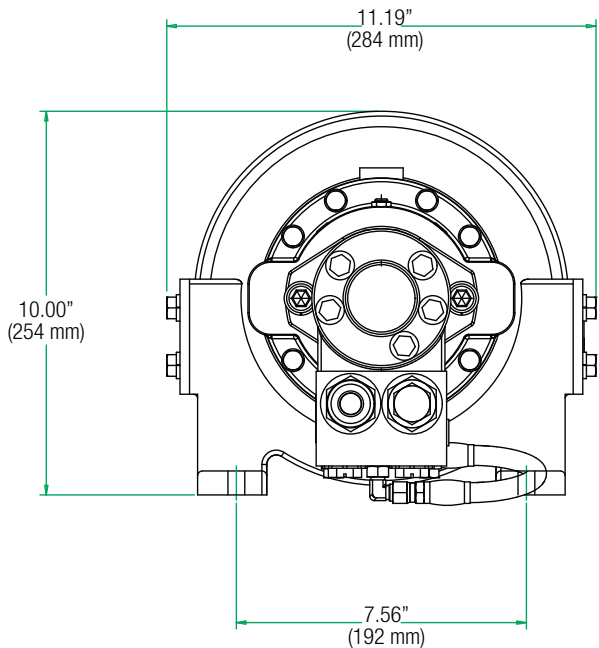
Performance (BG3B-05080-01)

	Layer 1	Layer 2	Layer 3	Layer 4
Line Pull*	3,000 lb (1,361 kg)	2,700 lb (1,225 kg)	2,460 lb (1,116 kg)	2,260 lb (1,025 kg)
Line Speed*	140 fpm (42.7 mpm)	155 fpm (47.2 mpm)	170 fpm (51.8 mpm)	186 fpm (56.7 mpm)
Drum Capacity**				
1/4" (6 mm)	42 ft (12.8 m)	87 ft (26.5 m)	135 ft (41.1 m)	186 ft (56.7 m)
3/8" (10 mm)	28 ft (8.5 m)	59 ft (18 m)	93 ft (28.3 m)	130 ft (39.6 m)

*Based on pressure of 2,490 psi (172 bar), 15 gpm (57 lpm), 3/8" (10 mm) rope and 8.0 CID (131 cc) motor.
Actual performance will vary dependent on hydraulic system, motor, drum and cable sizes.

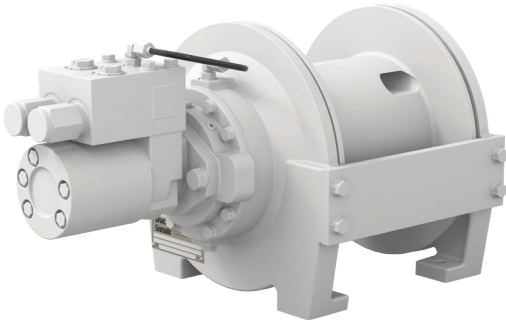
**Capacity per ANSI/ASME.

Dimensions (BG3B-05080-01 shown. Additional technical information available at www.arrowheadwinch.com.)



BG4B Planetary Hoist

4,000 lb (1,814 kg) Rated Line Pull



Gear Ratio	5:1
Approx. Unit Weight	118 to 160 lb (54 to 73 kg)
Standard Motors	080 (8.0 CID), 119 (11.9 CID), 139 (13.9 CID)
Drum Size	01 — 6.75" (171 mm) B x 11" (279 mm) F x 7.28" (185 mm) BF
Rope Diameters	1/4" (6 mm), 3/8" (10 mm)
Cable Management Options	Tension Roller
API 2c Compliant	Yes (optional)

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

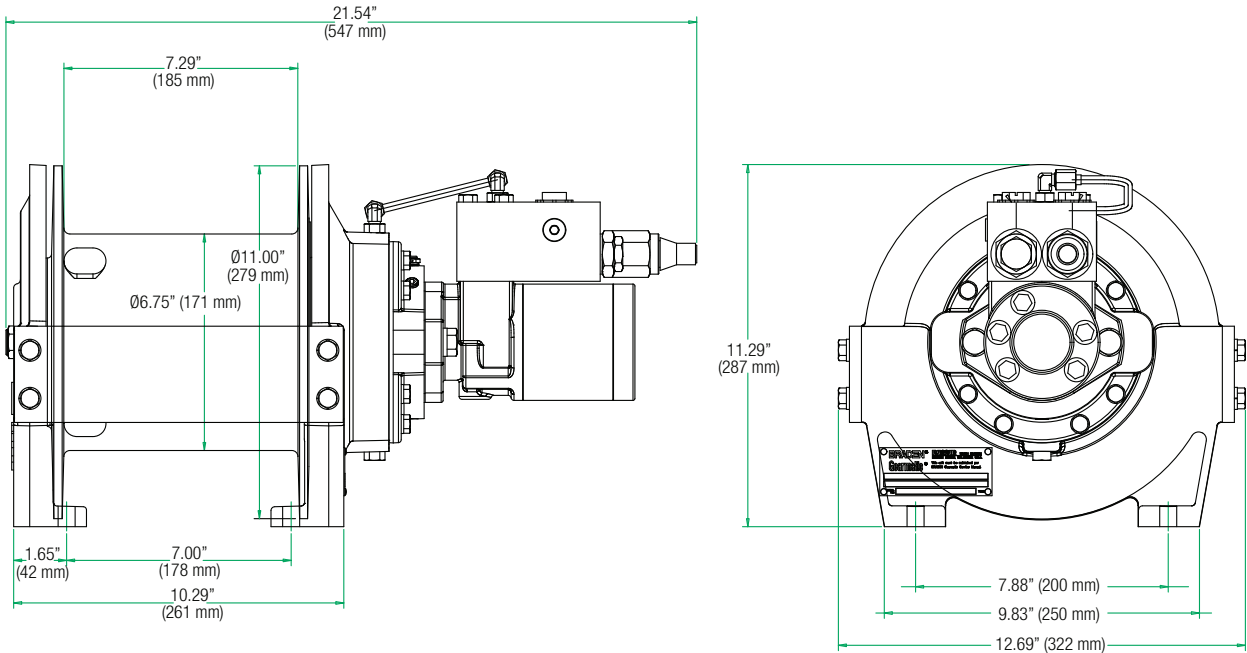
Performance (BG4B-05119-01)

	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6
Line Pull*	4,000 lb (1,814 kg)	3,620 lb (1,642 kg)	3,330 lb (1,510 kg)	3,040 lb (1,379 kg)	—	—
Line Speed*	133 fpm (40.5 mpm)	148 fpm (45.1 mpm)	162 fpm (49.4 mpm)	176 fpm (53.6 mpm)	—	—
Drum Capacity**						
1/4" (6 mm)	53 ft (16.2 m)	110 ft (33.5 m)	171 ft (52.1 m)	236 ft (71.9 m)	305 ft (93 m)	377 ft (114.9 m)
3/8" (10 mm)	36 ft (11 m)	76 ft (23.2 m)	120 ft (36.6 m)	168 ft (51.2 m)		

*Based on pressure of 2,260 psi (156 bar), 20 gpm (76 lpm), 3/8" (10 mm) rope and 11.9 CID (195 cc) motor.
Actual performance will vary dependent on hydraulic system, motor, drum and cable sizes.

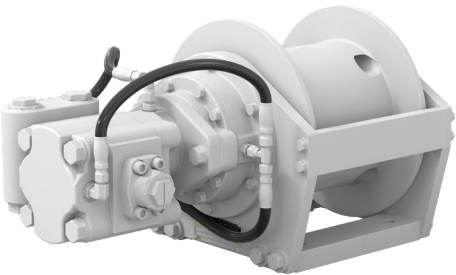
**Capacity per ANSI/ASME.

Dimensions (BG4B-05119-01 shown. Additional technical information available at www.arrowheadwinch.com.)



BG6B Planetary Hoist

6,000 lb (2,722 kg) Rated Line Pull



Gear Ratios	7:1, 29:1, 67:1
Approx. Unit Weight	142 to 261 lb (64 to 118 kg)
Standard Motors	020 (1.96 CID), 029 (2.94 CID), 039 (3.92 CID), 119 (11.9 CID), 139 (13.9 CID), 149 (14.9 CID)
Drum Sizes	01 — 7.5" (191 mm) B x 11.13" (283 mm) F x 7.28" (185 mm) BF 02 — 7.5" (191 mm) B x 14.56" (370 mm) F x 7.28" (185 mm) BF
Rope Diameters	1/4" (6 mm), 3/8" (10 mm), 7/16" (11 mm)
Cable Management Options	Tension Roller
API 2c Compliant	Yes (optional)

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

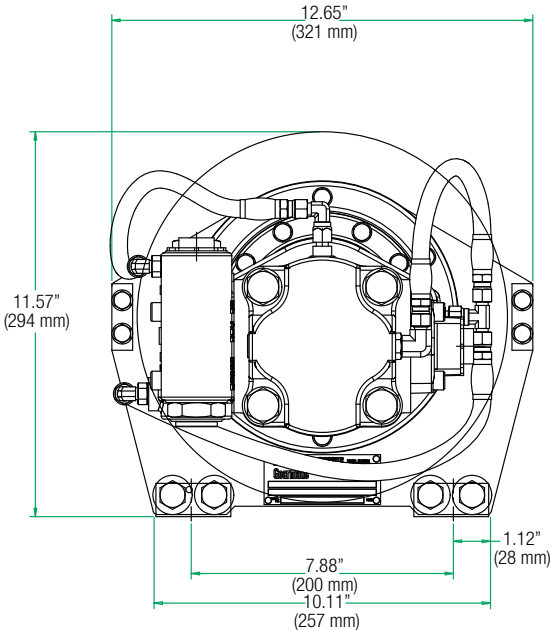
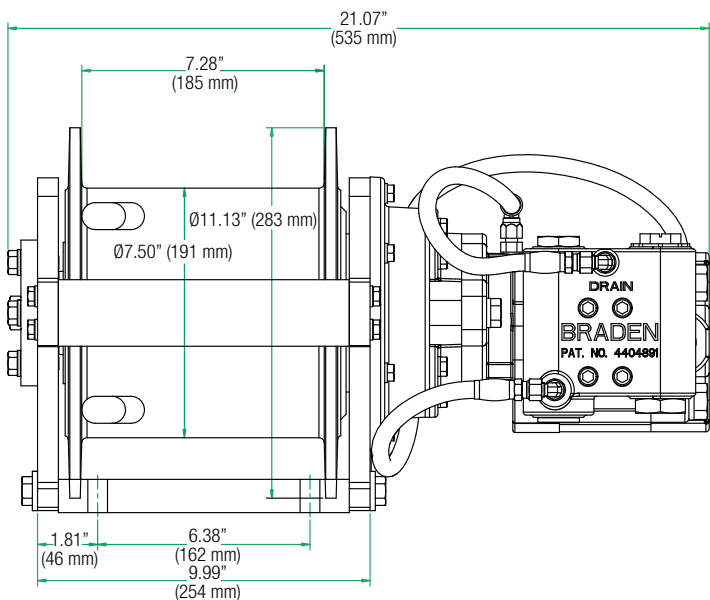
Performance (BG6B-29039-01)

	Layer 1	Layer 2	Layer 3	Layer 4
Line Pull*	6,000 lb (2,722 kg)	5,400 lb (2,449 kg)	4,910 lb (2,227 kg)	—
Line Speed*	92 fpm (28 mpm)	103 fpm (31.4 mpm)	113 fpm (34.4 mpm)	—
Drum Capacity**				
1/4" (6 mm)	59 ft (18 m)	122 ft (37.2 m)	189 ft (57.6 m)	260 ft (79.2 m)
3/8" (10 mm)	40 ft (12.2 m)	84 ft (25.6 m)	132 ft (40.2 m)	183 ft (55.8 m)
7/16" (11 mm)	35 ft (10.7 m)	73 ft (22.3 m)	115 ft (35.1 m)	

*Based on pressure of 1,970 psi (136 bar), 27 gpm (102 lpm), 7/16" (11 mm) rope and 3.92 CID (64 cc) motor.
Actual performance will vary dependent on hydraulic system, motor, drum and cable sizes.

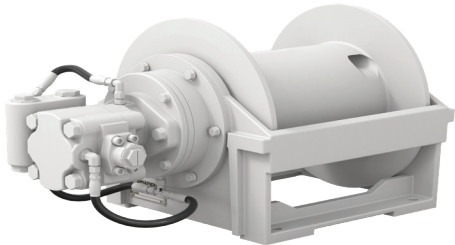
**Capacity per ANSI/ASME.

Dimensions (BG6B-29039-01 shown. Additional technical information available at www.arrowheadwinch.com.)



BG8B Planetary Hoist

8,000 lb (3,629 kg) Rated Line Pull



Gear Ratios	23:1, 34:1, 59:1
Approx. Unit Weight	300 to 315 lb (136 to 143 kg)
Standard Motors	020 (1.96 CID), 029 (2.94 CID), 034 (3.4 CID), 039 (3.92 CID), 062 (6.2 CID)
Drum Size	01 — 8.5" (216 mm) B x 14.56" (370 mm) F x 12.25" (311 mm) BF
Rope Diameters	7/16" (11 mm), 1/2" (13 mm)
Cable Management Options	Tension Roller
API 2c Compliant	Yes (optional)

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

Performance (BG8B-34039-01)

	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5
Line Pull*	8,000 lb (3,629 kg)	7,200 lb (3,266 kg)	6,540 lb (2,971 kg)	6,000 lb (2,722 kg)	5,540 lb (2,513 kg)
Line Speed*	243 fpm (74.1 mpm)	270 fpm (82.3 mpm)	297 fpm (90.5 mpm)	324 fpm (98.8 mpm)	351 fpm (107 mpm)
Drum Capacity**					
7/16" (11 mm)	66 ft (20.1 m)	138 ft (42.1 m)	216 ft (65.8 m)	301 ft (91.7 m)	392 ft (119.5 m)
1/2" (13 mm)	58 ft (17.7 m)	122 ft (37.2 m)	193 ft (58.8 m)	270 ft (82.3 m)	353 ft (107.6 m)

*Based on pressure of 2,420 psi (166 bar), 65 gpm (246 lpm), 1/2" in (13 mm) rope and 3.92 CID (64 cc) motor.
Actual performance will vary dependent on hydraulic system, motor, drum and cable sizes.

**Capacity per ANSI/ASME.

Dimensions (BG8B-34039-01 shown. Additional technical information available at www.arrowheadwinch.com.)

