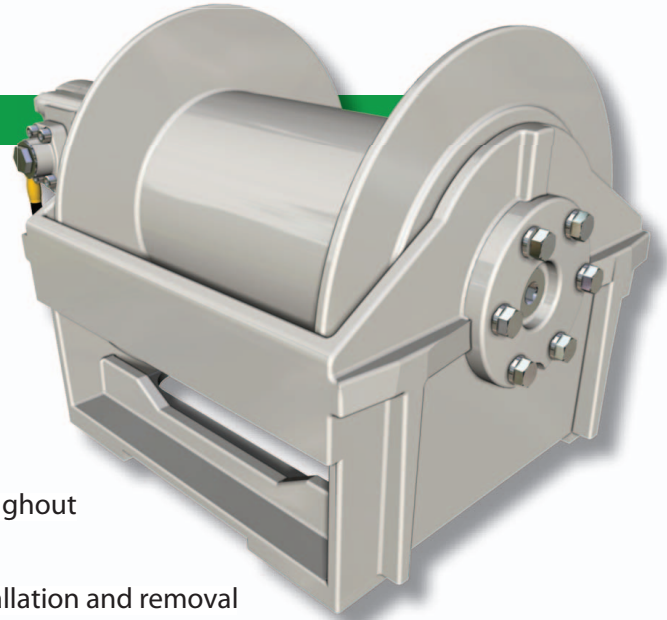


The BRADEN BG8B delivers superior performance in a variety of hoisting applications, including marine installations, service truck and knuckle-boom cranes, as well as personnel handling systems for drilling and service rigs. The compact and sturdy design provides exceptional power and durability. Low maintenance costs and ease of service make the BRADEN BG8B a smart choice for any job.

Features/Benefits

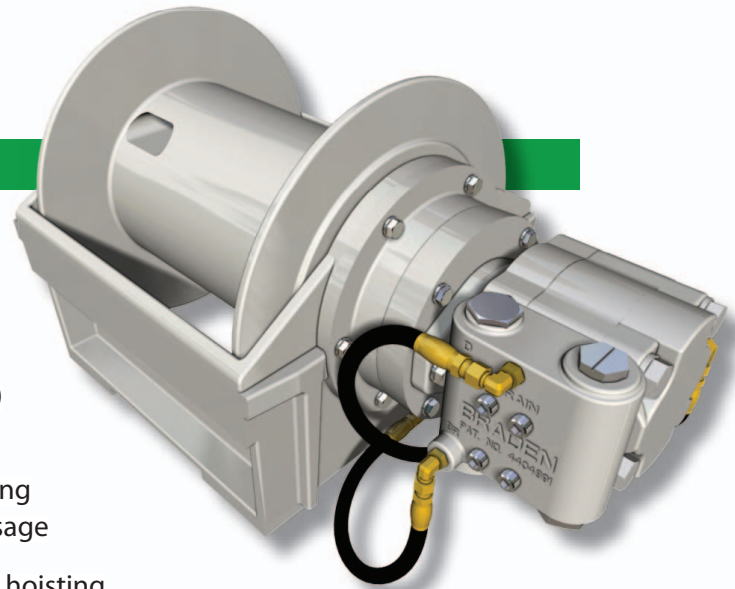
- Sealed, high-efficiency planetary reduction gearing provides continuous-duty performance
- Patented BRADEN brake valve* works in conjunction with the overrunning clutch and spring-applied, hydraulically-released multi-disc brake for precise control and fail-safe load handling
- High-efficiency, anti-friction bearings used throughout hoist to ensure long service life
- Cable wedge anchor system facilitates rope installation and removal
- Easy-to-access drum oil drain allows servicing with wire rope in place
- Cast ductile iron base and heavy-duty construction ensure secure mounting and unparalleled reliability in tough applications

* most BG8 models



Options

- Choose from three gear ratios and multiple high-efficiency gear motor options for optimum performance
- High-line pull option for up to 9,000 lb (4,090 kg) in select applications**
- API Specification 2C-compliant personnel handling option expands functionality for crane and rig usage
- Underwind configuration available for clockwise hoisting
- Tension roller kit available for enhanced productivity



** Requires Braden Engineering application approval

BG8B PLANETARY HOIST

8,000 lb (3,630 kg)

BRADEN®

Performance

BG8B-23029-01

| MOTOR | 029 (2.94 cu in.) | |
|---------------|-------------------|------------------|
| PRESSURE | 3,000 psi | |
| FLOW | 50 gpm | |
| WIRE ROPE DIA | 1/2 in. | |
| LAYER | LINE PULL (lb) | LINE SPEED (fpm) |
| 1 | 4,880 | 361 |
| 2 | 4,390 | 401 |
| 3 | 3,990 | 441 |
| 4 | 3,660 | 481 |
| 5 | 3,380 | 521 |
| 6* | 3,140 | 561 |

* Layer does not meet ANSI B30.7

| MOTOR | 029 (48 cc) | |
|---------------|----------------|------------------|
| PRESSURE | 207 bar | |
| FLOW | 189.3 lpm | |
| WIRE ROPE DIA | 13 mm | |
| LAYER | LINE PULL (kg) | LINE SPEED (mpm) |
| 1 | 2,215 | 110 |
| 2 | 1,990 | 122 |
| 3 | 1,810 | 134 |
| 4 | 1,660 | 147 |
| 5 | 1,535 | 159 |
| 6* | 1,425 | 171 |

* Layer does not meet ANSI B30.7

BG8B-34039-01

| MOTOR | 039 (3.92 cu in.) | |
|---------------|-------------------|------------------|
| PRESSURE | 2,420 psi | |
| FLOW | 65 gpm | |
| WIRE ROPE DIA | 1/2 in. | |
| LAYER | LINE PULL (lb) | LINE SPEED (fpm) |
| 1 | 8,000 | 243 |
| 2 | 7,200 | 270 |
| 3 | 6,550 | 297 |
| 4 | 6,000 | 324 |
| 5 | 5,540 | 351 |
| 6* | 5,140 | 378 |

* Layer does not meet ANSI B30.7

| MOTOR | 039 (64 cc) | |
|---------------|----------------|------------------|
| PRESSURE | 166 bar | |
| FLOW | 246 lpm | |
| WIRE ROPE DIA | 13 mm | |
| LAYER | LINE PULL (kg) | LINE SPEED (mpm) |
| 1 | 3,630 | 74 |
| 2 | 3,265 | 82 |
| 3 | 2,970 | 91 |
| 4 | 2,720 | 99 |
| 5 | 2,515 | 107 |
| 6* | 2,330 | 115 |

* Layer does not meet ANSI B30.7

BG8B-34039-01H**

** Requires Braden Engineering application approval

| MOTOR | 039 (3.92 cu in.) | |
|---------------|-------------------|------------------|
| PRESSURE | 2,720 psi | |
| FLOW | 55 gpm | |
| WIRE ROPE DIA | 1/2 in. | |
| LAYER | LINE PULL (lb) | LINE SPEED (fpm) |
| 1 | 9,000 | 202 |
| 2 | 8,100 | 225 |
| 3 | 7,360 | 248 |
| 4 | 6,750 | 270 |
| 5 | 6,230 | 293 |
| 6* | 5,790 | 315 |

* Layer does not meet ANSI B30.7

| MOTOR | 039 (64 cc) | |
|---------------|----------------|------------------|
| PRESSURE | 187 bar | |
| FLOW | 208 lpm | |
| WIRE ROPE DIA | 13 mm | |
| LAYER | LINE PULL (kg) | LINE SPEED (mpm) |
| 1 | 4,090 | 62 |
| 2 | 3,680 | 69 |
| 3 | 3,345 | 76 |
| 4 | 3,065 | 82 |
| 5 | 2,830 | 89 |
| 6* | 2,630 | 96 |

* Layer does not meet ANSI B30.7

Performance (cont.)

BG8B-59020-01

| | | |
|----------------------|-----------------------|-------------------------|
| MOTOR | 020 (1.96 cu in.) | |
| PRESSURE | 2,920 psi | |
| FLOW | 35 gpm | |
| WIRE ROPE DIA | 1/2 in. | |
| LAYER | LINE PULL (lb) | LINE SPEED (fpm) |
| 1 | 8,000 | 145 |
| 2 | 7,200 | 161 |
| 3 | 6,540 | 178 |
| 4 | 6,000 | 194 |
| 5 | 5,540 | 210 |
| 6* | 5,140 | 226 |

* Layer does not meet ANSI B30.7

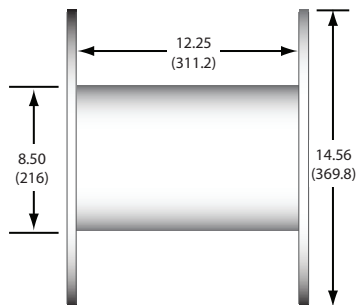
| | | |
|----------------------|-----------------------|-------------------------|
| MOTOR | 020 (32 cc) | |
| PRESSURE | 201 bar | |
| FLOW | 132 lpm | |
| WIRE ROPE DIA | 13 mm | |
| LAYER | LINE PULL (kg) | LINE SPEED (mpm) |
| 1 | 3,630 | 44 |
| 2 | 3,270 | 49 |
| 3 | 2,970 | 54 |
| 4 | 2,720 | 59 |
| 5 | 2,515 | 64 |
| 6* | 2,330 | 69 |

* Layer does not meet ANSI B30.7

Drum Capacity

-01 DRUM

DIMENSIONS IN INCHES (MM)



D/d RATIO IS BASED ON PITCH DIAMETER OF WIRE ROPE AT FIRST LAYER

WIRE ROPE STORAGE, ft

| | LAYER | 1 | 2 | 3 | 4 | 5 | 6 | D/d |
|----------------------|----------|----|-----|-----|-----|-----|------|------|
| WIRE ROPE DIA | 7/16 in. | 66 | 138 | 216 | 301 | 392 | 490* | 20:1 |
| | 1/2 in. | 58 | 122 | 193 | 270 | 353 | 443* | 18:1 |

* Layer does not meet ANSI B30.7

WIRE ROPE STORAGE, m

| | LAYER | 1 | 2 | 3 | 4 | 5 | 6 | D/d |
|----------------------|-------|----|----|----|----|-----|------|------|
| WIRE ROPE DIA | 11 mm | 20 | 42 | 66 | 92 | 119 | 149* | 20:1 |
| | 13 mm | 18 | 37 | 59 | 82 | 108 | 135* | 18:1 |

* Layer does not meet ANSI B30.7

BG8B PLANETARY HOIST

8,000 lb (3,630 kg)

BRADEN®

Dimensions

BG8B-59020-01 shown

DIMENSIONS IN INCHES (MM)

