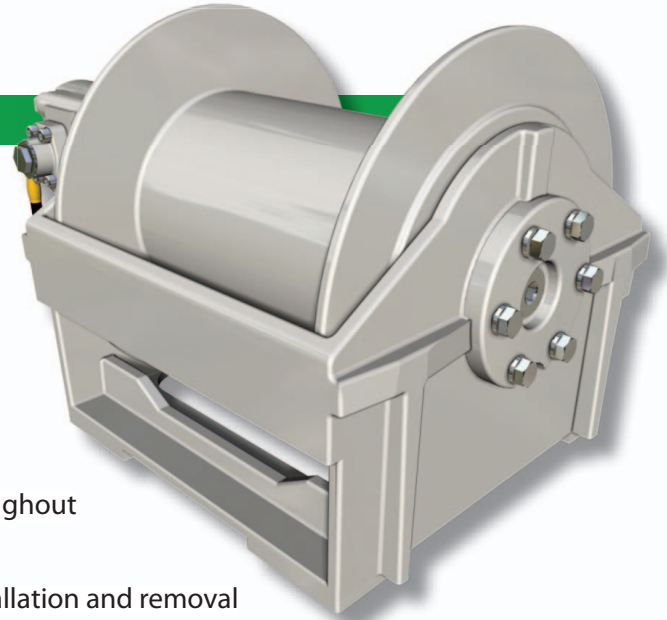


The BRADEN BG8B delivers superior performance in a variety of hoisting applications, including marine installations, service truck and knuckle-boom cranes, as well as personnel handling systems for drilling and service rigs. The compact and sturdy design provides exceptional power and durability. Low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

Features/Benefits

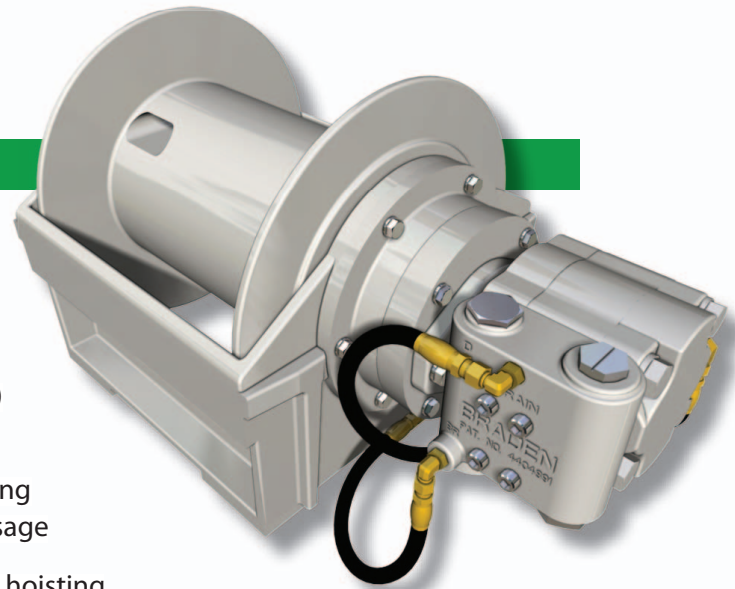
- Sealed, high-efficiency planetary reduction gearing provides continuous-duty performance
- Patented BRADEN brake valve* works in conjunction with the overrunning clutch and spring-applied, hydraulically-released multi-disc brake for precise control and fail-safe load handling
- High-efficiency, anti-friction 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

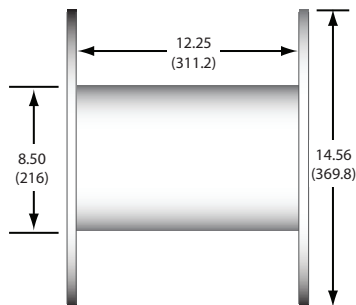
MOTOR	020 (32 cc)	
PRESSURE	201 bar	
FLOW	132 lpm	
WIRE ROPE DIA	13 mm	
LAYER	LINE PULL (kg)	LINE SPEED (mpm)
1	3,630	44
2	3,270	49
3	2,970	54
4	2,720	59
5	2,515	64
6*	2,330	69

* 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)



Dimensions

BG8B-59020-01 shown

DIMENSIONS IN INCHES (MM)

