

The G2H30B is a two-speed planetary winch designed for long life and efficient operation to meet a variety of applications—from oilfield recovery to the marine industry. Dynamic and static braking features provide safe, smooth operation. High-efficiency anti-friction bearings are used throughout the winch to ensure long service life..

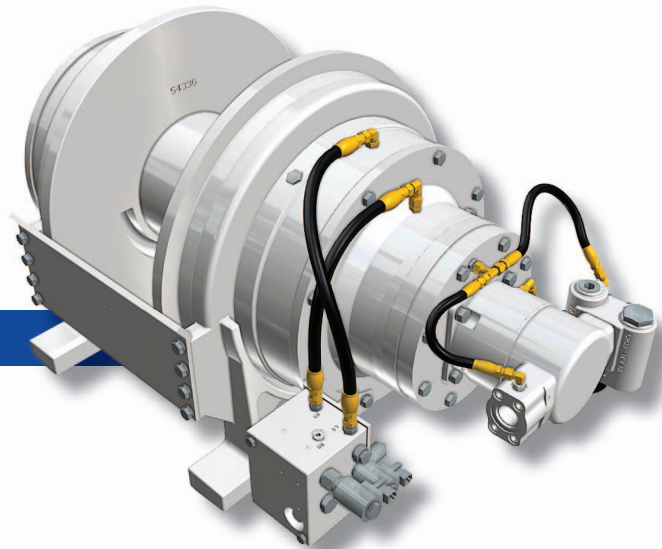


Features

- Two-speed hydraulic “shift-on-the-fly” capability
- Integrated free-spool capability
- Overrunning clutch for fall-back prevention
- Patented Braden brake valve for precision lowering control
- 12-volt dc shift/free-spool operation
- Spring-applied, hydraulically-released static brake with more than 3:1 design factor

Benefits

- Sealed gearing reduces service intervals
- Compact design
- Ease of installation
- Smooth operation
- Reliable, long-lasting performance
- Low ownership costs



G2H30B PLANETARY HOIST

25,000 lb (11,340 kg)

Gearmatic®

Specifications

GEARMATIC planetary winches are available in a wide variety of configurations with optional drums, gear ratios, and motor displacements to meet your requirements.

The configuration may be determined by this model numbering system:

G	2	H	30	B	—	28	9	150	—	04	FS
MAKE	SPEED	TYPE	FAMILY	DESIGN		GEAR RATIO	GEAR RATIO	MOTOR SIZE		DRUM CODE	OPTIONS

CHAR	DESIGNATION
G	GEARMATIC BRAND
2	TWO SPEED RANGES
H	HOIST
30	FAMILY
B	MODEL SERIES (DESIGN CHANGES)
28	GEAR REDUCTION (LOW SPEED RANGE)
9	GEAR REDUCTION (HIGH SPEED RANGE)
150	HYDRAULIC MOTOR DISPLACEMENT (15 CU INCHES/REVOLUTION)
04	DRUM SIZE
FS	FREE SPOOL OPTION

Performance

G2H30B-28/9150-04FS

MOTOR	150 (15 cu in.)			
PRESSURE	2,500 psi			
FLOW	100 gpm			
WIRE ROPE DIA	3/4 in.			
	LOW GEAR		HIGH GEAR	
LAYER	LINE PULL (lb)	LINE SPEED (fpm)	LINE PULL (lb)	LINE SPEED (fpm)
1	25,000	145	6,780	447
2	21,940	165	5,950	510
3	19,540	185	5,300	572
4	17,620	205	4,780	635
5	16,040	225	4,350	697
6	14,720	246	3,990	760
7	13,610	266	3,690	822
8	12,650	286	3,430	885
9*	11,810	306	3,200	947

* Layer does not comply with ANSI B30.7

Performance (cont.)

G2H30B-28/9150-04FS

MOTOR	150 (246 cc)			
PRESSURE	172 bar			
FLOW	379 lpm			
WIRE ROPE DIA	19 mm			
	LOW GEAR		HIGH GEAR	
LAYER	LINE PULL (kg)	LINE SPEED (mpm)	LINE PULL (kg)	LINE SPEED (mpm)
1	11,340	44	3,075	136
2	9,952	50	2,699	156
3	8,863	56	2,404	174
4	7,992	63	2,168	194
5	7,276	69	1,973	213
6	6,677	75	1,810	232
7	6,174	81	1,674	251
8	5,738	87	1,556	270
9*	5,357	93	1,452	289

Shift valve pressure port requires 500 PSI (35 Bar) minimum pressure

Circulation inlet port requires 5 GPM (19 LPM) minimum flow

Approved for pulling applications

All hoisting applications MUST be approved by PACCAR WINCH Engineering Department

* Layer does not comply with ANSI B30.7

Drum Capacity

		WIRE ROPE STORAGE, ft									
		LAYER	1	2	3	4	5	6	7	8	9*
-04 DRUM	WIRE ROPE DIA	3/4 in.	41	88	140	198	262	332	407	488	575

		WIRE ROPE STORAGE, m									
		LAYER	1	2	3	4	5	6	7	8	9*
-04 DRUM	WIRE ROPE DIA	19 mm	13	27	43	60	80	101	124	149	175

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Dimensions

