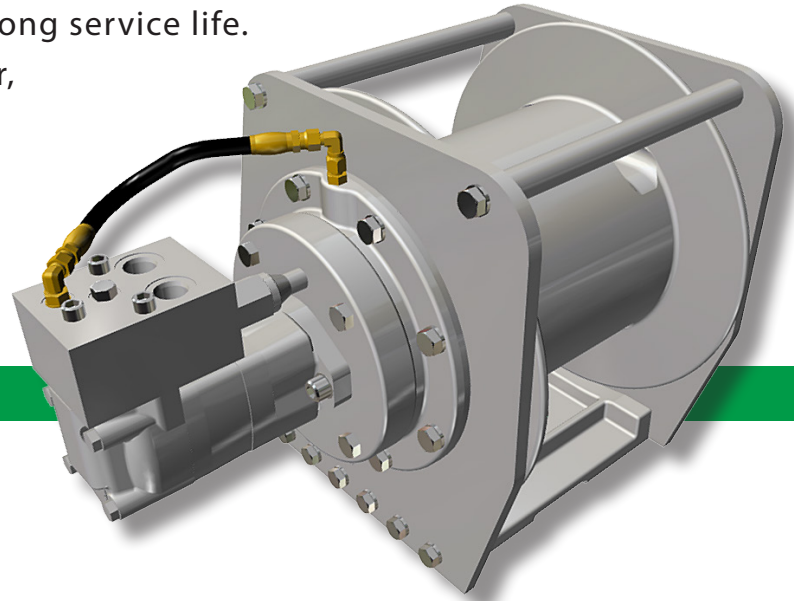


Our PD7C is designed for long life and efficient operation to meet a variety of applications. Dynamic and static braking features provide safe, smooth operation. High-efficiency anti-friction bearings are used throughout the hoist to ensure long service life. The PD7C is available with multiple motor, drum, and sideplate options.

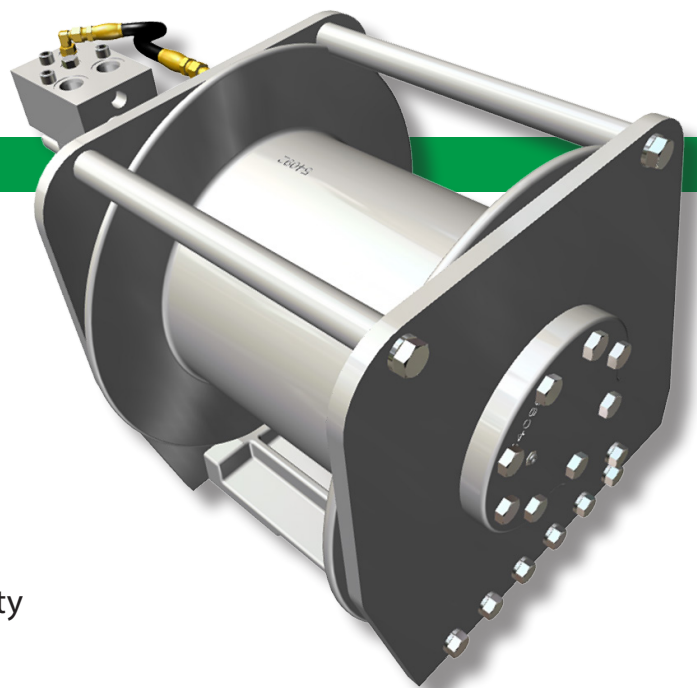


Features

- 7,000 lb (3,182 kg) first-layer line pull
- Multiple low-speed high-torque (LSHT) motor displacement options
- Multi-disc static brake with sprag clutch
- Single-stage planetary reduction gearing

Benefits

- Sealed gearing reduces service intervals
- Compact design
- Easy installation
- Smooth operation
- Reliable, long-lasting performance
- Low ownership costs
- Optional drum rotation indicator compatibility



PLANETARY HOIST PD7C

Specifications

PD7C-07120-01 & -02

11.9 cu in. motor (195 cc) 3,000 psi (206 bar) @ 20 gpm (76 lpm)
wire rope diameter: .56 in. (14 mm)

LAYER	LINE PULL		LINE SPEED	
	LB	KG	FPM	MPM
1	5,000	2,273	138	42
2	4,510	2,050	153	47
3	4,100	1,864	168	51
4	3,760	1,709	183	56

PD7C-07150-01 & -02

14.9 cu in. motor (244 cc) 3,000 psi (206 bar) @ 20 gpm (76 lpm)
wire rope diameter: .56 in. (14 mm)

LAYER	LINE PULL		LINE SPEED	
	LB	KG	FPM	MPM
1	6,270	2,850	110	34
2	5,650	2,568	122	37
3	5,140	2,336	134	41
4	4,720	2,145	146	44

PD7C-07190-01 & -02

18.7 cu in. motor (306 cc) 2,700 psi (184 bar) @ 25 gpm (95 lpm)
wire rope diameter: .56 in. (14 mm)

LAYER	LINE PULL		LINE SPEED	
	LB	KG	FPM	MPM
1	7,000	3,182	112	34
2	6,310	2,868	124	38
3	5,740	2,609	136	41
4	5,260	2,391	149	45

PD7C-07240-01 & -02

24 cu in. motor (393 cc) 2,100 psi (143 bar) @ 25 gpm (95 lpm)
wire rope diameter: .56 in. (14 mm)

LAYER	LINE PULL		LINE SPEED	
	LB	KG	FPM	MPM
1	7,000	3,182	87	27
2	6,310	2,868	97	30
3	5,740	2,609	106	32
4	5,260	2,391	116	35

ROPE CAPACITY, FT*

WIRE ROPE DIA.	3/8	7/16	1/2	9/16
PD7C-01 DRUM	495	351	242	220
PD7C-02 DRUM	596	437	315	220

* CHECK FOR APPROXIMATE FREEBOARD CLEARANCES

ROPE CAPACITY, M*

WIRE ROPE DIA.	9	11	13	14
PD7C-01 DRUM	151	107	74	67
PD7C-02 DRUM	182	133	96	67

* CHECK FOR APPROXIMATE FREEBOARD CLEARANCES

Dimensions

PD7C-07120-01

