


PCM DRIVER™ CD-30

THE SURFACE DRIVE SOLUTION FOR YOUR
PCP OPERATIONS

keep it moving 



CD-30

Designed with the latest technology to ensure full compliance with Oil and Gas standards, PCM Driver™ driveheads are safe and reliable surface drive solutions specifically engineered for long life in all your PCP operations.

The design and the qualification of the PCM Driver™ driveheads comply with ISO 15136-2-Surface Drive System requirements.

The **PCM Driver™ CD-30** is a cost-effective full life cycle solution to perform with all your power requirements up to **30 HP**.

The CD-30 is available with your choice of two different thrust bearings, standard and Heavy Duty (HD), to meet your application requirements.

» BENEFITS

- Fully internal brake system
- Patented environmental **PCM EcoSeal Stuffing Box**
- Rotating parts fully covered
- Low maintenance requirements
- Associated service and technical support



PCM

Artificial Lift Solutions

SAFETY

Belt guard:

- compact and durable, all rotating parts fully protected

Fully internal brake system:

- Efficient backspin control

Anti-ejection system available for polished rod clamp.

ATEX certification is available.

LOW MAINTENANCE REQUIREMENT

Only maintenance required is regular visual inspection, seal greasing, and oil changes.

PCM EcoSeal Stuffing Box – Patented environmental integral rotating sealing system

- Redundant seals
- No seepage
- Long life

FIRST CLASS SERVICE

- PCM Service team available worldwide to support customer
- Dedicated PCP team will support customer regarding any queries or issues faced with our PCM Driver™.

SPECIFICATIONS

Drive mode	Belt and pulleys drive
Max driven sheave	24" (600 mm)
Ambient conditions	-40°F to 105°F (-40°C to +40°C)
Braking system	Compact integral hydraulic gear pump
Max speed	500 RPM
Max Torque	1 200 ft. lb. (or 1 627 N.m)
Sealing system	PCM EcoSeal Stuffing Box
Max Temperature	390°F (200°C)
Max Pressure	Dynamic: 1 000 PSI (70 Bar) Static: 1 000 PSI (70 Bar)
Shaft type	Hollow shaft
PR diameter	1"1/4 (31.75mm) or 1"1/2 (38.10mm)
API Wellhead	Flanged 3"1/8 3M R31 or 4"1/16 3M R37
Bearing dynamic axial load rating (Ca, ISO 281)	CD-30: 111 300 lb (495 kN) CD-30 (HD): 161 900 lb (720 kN)
Bearing dynamic axial load rating (Ca90)	CD-30: 28 800 lb (128 kN) CD-30 (HD): 42 000 lb (187 kN)
Bearing load for L10 life of 25 000 hours at 500 RPM	CD-30: 6.9 T CD-30 (HD): 10.1 T
Prime mover	Electric motor NEMA or IEC
Max. Motor HP	30 HP (22kW)
Max. noise level	< 70 dB
Total Weight	590 lb (268 kg)
Dimensions	38.8" x 25.4" x 38.3" (0.99 x 0.65 x 0.97 m)

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