


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 qualification of **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. produced fluid Temperature	390°F (200°C)
Max. produced fluid Pressure	Dynamic: 500 PSI (35 Bar)* Static: 2 000 PSI (138 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)

* Higher dynamic pressure (1 000 psi (69 bar), or possibly higher) may be possible depending on conditions. Contact PCM for an engineering assessment if this is required. The static pressure rating is valid for 30 seconds with the fluid temperature below 100°C.

** Ambient temperatures outside this range are possible under certain conditions. Contact PCM for an application review.

For further information, please contact your PCM local representative:

www.pcmals.com