

PCM DRIVER™ B-50

THE SURFACE DRIVE SOLUTION FOR YOUR
PCP OPERATIONS

keep it moving 



B-50 (50HP) / CE

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

The conception and the qualification of the PCM Driver™ driveheads comply with ISO 15136-2-Surface Drive System requirements. The PCM Driver™ B-50 is CE certified to ensure a maximum level of safety.

The PCM Driver™ B-50 cost effective solution performs with all your power requirements up to 50 HP. From conception and design to final tests and production, PCM has full control of product.

» BENEFITS

- Sliding light cover
- Easy alignment of belts/pulleys
- Rotating part fully covered
- Low maintenance requirements
- Associated service and technical support



PCM

Artificial Lift Solutions

› INNOVATION FOR SAFETY

Belt guard:

- Sliding light cover, all rotating part fully protected

Highly powerful disk brake system:

- Efficient backspin control, sensitive parts fully protected

Secure key to open belt guard cover and sealing door

› INNOVATION FOR LOW MAINTENANCE REQUIREMENT

Belt guards are made of a light glass fiber reinforced composite sheet :

- Easy to open

Disk brake system with hydraulic circuit fully embedded inside the drive head body

Motor base plate is sliding on the structure:

- Easy motor installation

Easy access to basic maintenance:

- Belt and Pulleys
- Disk brake pads
- Oil replacement
- Sealing unit

All PCM Driver™ B-50 are provided with transport / installation stand

› 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 driven
Max driven sheave	28" (710mm)
Ambient conditions	-40°F to 120°F (-40°C to +50°C)
Braking system	Disc brake
Max speed	500 RPM
Max Torque	1 062 lb.ft (or 1 440 N.m)
Sealing technology	Stuffing Box or No Leak
Max Temperature	250°F (120°C) 390°F (200°C) available as an option
Max Pressure	Dynamic: 500 PSI (35 Bar) Static: 1 000 PSI (70 Bar)
Shaft type	Hollow shaft
PR diameter	1" 1/4 (31.75 mm) or 1 1/2" (38.10 mm)
API Wellhead	Flanged 3"1/8 - 3 000 PSI (other sizes can be provided)
Bearing dynamic axial load rating (Ca, ISO 281)	150 600 lb (670 kN)
Bearing dynamic axial load rating (Ca90)	39 100 lbs (174kN)
Bearing load for L10 life of 25 000 hours at 500 RPM	9.4 T
Prime Mover	Electric Motor (IEC/NEMA) FC flange mounted : FC184 to FC355 IEC feet mounted: 160M to 250S/M NEMA feet mounted: 254T to 364T
Max. Motor HP	50 HP (37kW) 6 poles
Max. noise level	80 dB
Total Weight	770 lbs (350Kg)
Dimensions	57" x 41" x 55" (1.45 x 1.04 x 1.40 m)