





DRIVEHEAD RANGE

► THE SURFACE DRIVE SOLUTION FOR YOUR PCP OPERATIONS

DRIVEHEAD

ISO 15136-2
standard

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

	ELECTRIC DRIVEHEAD			HYDRAULIC DRIVEHEAD	
	B-50	B-100	PM-100	B-75H	G-75H
					
Power rating	50 HP	100 HP	100 HP	75 HP	75 HP
Prime mover	Electric motor: • FC184 to FC355 • 132M to 250S/M • 254T to 364T	Electric motor: • FC228 to FC368 • 180L to 315S/M • 284T to 444T	Permanent magnet motor (PMM)	Hydraulic motor: • Rexroth 80 cc • Rexroth 107 cc	Hydraulic motor: • Rexroth 80 cc • Rexroth 107 cc
Drive mode	Belt driven	Belt driven	Direct drive	Belt driven	Gear driven
Max driven sheave	28" (710 mm)	31.5" (800 mm)	NA	31.5" (800 mm)	Gear 4,1:1
Braking system	Disc brake	Disc brake	Electric resist	Check valve	Check valve
Max speed	500 RPM				
L10 *	20 900 Lbs (9.5 T)	30 200 Lbs (13.7 T)	25 130 Lbs (11.4 T)	12 100 Lbs (5.5 T)	12 100 Lbs (5.5 T)
Ca90	39 000 Lbs (174 kN)	57 000 Lbs (254 kN)	47 500 Lbs (211 kN)	23 000 Lbs (102 kN)	23 000 Lbs (102 kN)
Max torque	1 062 Lb.ft (1 440 N.m)	1 800 Lb.ft (2 440 N.m)	1 000 Lb.ft (1 355 N.m)	1 430 Lb.ft (1 940 N.m)	1 430 Lb.ft (1 940 N.m)
PR diameter	1-1/4" (31.75 mm) 1-1/2" (38.10 mm)				
API wellhead	Flanged 3-1/8" - 3 000 Lbs (other size could be provided)				
Total weight	770 Lbs (350 Kgs)	840 Lbs (380 Kgs)	1 300 Lbs (590 Kgs)	600 Lbs (270 Kgs)	600 Lbs (270 Kgs)

* @ 25 000hrs / 500 RPM full load

Note: Other drivehead models are available under request: dual motor / higher axial load / internal braking system ...

DRIVEHEAD RANGE - ARTIFICIAL LIFT SYSTEM



SEALINGS TYPE AVAILABLE

Stuffing box:

The seal is ensured by a packing set and bronze bushings.



Available for COLD production

No leak:

The seal is ensured by dynamic seals on a carbure tungsten coated shaft and special filtration packing set.



Available for COLD production

Hydraulic:

The seal is ensured by packing sets pressurized by circulating hydraulic oil on a carbure tungsten coated shaft.



Available for COLD production & THERMAL recovery

	COLD PRODUCTION	THERMAL RECOVERY
Max temperature	250°F / 120°C	480°F / 250°C
Max static pressure	2 000 PSI / 140 bars	2 000 PSI / 140 bars
Max dynamic pressure	500 PSI / 35 bars	500 PSI / 35 bars
PR size	1" 1/4 & 1" 1/2	1" 1/4 & 1" 1/2
Ambient temperature	-40°F > 122°F / -40°C > +50°C	-40°F > 122°F / -40°C > +50°C

MAINTENANCE

- Robust driveheads that require low maintenance
- Easy access to basic maintenance (lube oil, sealing unit...)
- Drivehead 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 driveheads.

