



Progressing Cavity Pump Drive

TW-50

Specifications of the TW-50 Drive:

- Compact and solid design with no hydraulics or adjusting elements;
- Backspin retarder driven by main shaft, non-dependant on belts or gears;
- Centrifugal backspin retarder engaging at 250 rpm for fast and complete fluid damp;
- No additional mechanism for brake engagement or adjustment;
- Stand pipe used to eliminate bottom oil leaks;
- Synthetic oil used for long service life even in hot or cold conditions;
- Easy maintenance and minimal training for the personnel



Specifications

TW-50 Drivehead

Type:	Direct Drive
Backspin Control:	Cam Assisted Friction Brake
Wellhead Connection:	3-1/8" - 3000 PSI Flange
Polished Rod Size:	1-1/4" (1-1/2 Optional)
Brake Engaging Speed:	250 rpm
Thrust Bearing Rating:	148 kN 33500 lbs
Max. Polished Rod Speed:	500 rpm
Max. Input Power:	37 kW 50 HP
Continuous Operating Torque:	2760 Nm 2000 lb ft
Max. Backspin Torque:	1400 Nm 1050 lb ft
Oil:	Synthetic Mobil SHC626
Oil Quantity:	120°C