



## PROGRESSING CAVITY PUMP DRIVE

### Benefits of our 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.





TW-50 Specifications Continued :

-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 Ca90:	148 kN	33500 lbs
-Maximum polished rod speed:	500 rpm	
-Maximum input power:	37 kW	50 HP
-Continuous operating torque:	2760 Nm	2000 lb ft
-Maximum backspin torque:	1400 Nm	1050 lb ft
-Oil:	Synthetic Mobil SHC626	
-Oil quantity:	20 liters	
-Maximum backspin housing temp:	120°C	



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