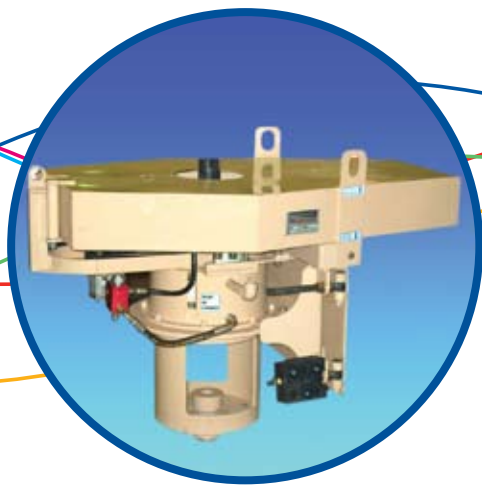


N-25 Electric Drivehead



NOV Monoflo provides a complete line of artificial lift technologies and oilfield equipment through over 30 service center locations across Canada and more than 150 locations around the globe. NOV's entire line of direct driveheads are specifically designed for use with progressing cavity pumping systems.

The N-25 Electric Drivehead is the smallest drive offered by NOV and is designed as an economical option for coalbed methane applications. As part of NOV Monoflo's commitment to safety, all of our direct drives have a fully enclosed and hinged belt guard. Each drive is tested and inspected before leaving our facility.

Features & Benefits

- Robust frame
- Hollow shaft bearing box
- Detachable rope packing stuffing box
- Hydraulically actuated disc brake
- Operator friendly guards and motor adjustments
- Easy to adjust door for simple belt tightening
- Accessible fill/drain spouts for easy oil changes
- Service and technical support

Options

- Hydraulic motor
- Environmental stuffing box

Accessories

- Ejection clamp
- Polished rod guard
- Booth guard



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Specifications

Drive Type	Direct
Shaft Type	Hollow
Drive Style	Bearing Box
Input Style	Vertical
Drive Ratio	1:1
Backspin Control	Caliper Disc

Ratings	
Max. Output Torque	600 ft-lbs (813 Nm)
Thrust Bearing	96, 300 ISO lbf
Thrust Bearing*	25, 000 Ca90 lbf
Maximum Speed	500 rpm
Horsepower Rating**	10-20
Frame Type	Single
Polish Rod Size	1 1/4" (32mm)
Max. Operating Temp.	180 °F/80 °C

* Ca90 load rating is for 90 million revolutions. Reducing load one half increases life 10 times. Reducing rpm by one half doubles hours of life.

** Maximum HP rating based on frame size only. Care must be taken selecting motor and sheave combinations to ensure input rod torque is not exceeded.

Dimensions (excluding motor)

Height w/Retro Stuffing Box	34" (864 mm)
Box Height w/Integral Stuffing Box	n/a
Width	30" (762 mm)
Input Shaft Size	2 1/2" (64mm)
Weight	600 lbs (272 kg)

Other Data

API Wellhead Connection	2 7/8" EUE Pin
Optional Flange	3 1/8" - 3000 psi R31
Prime Mover	Electric or Hydraulic
DriveN Sheave Max. Dia ¹	24" (610 mm)
DriveR Sheave Max. Dia ^{1 2}	12" (305 mm)
DriveR Sheave Min. Dia ²	Depends On Motor Size
Drive Center to Motor Mount	12.4" (315 mm)

¹ Sheave dia. based on C-groove belts. Values may change when other styles of belts are used.

² Consult motor manufacturer.



Caliper Disc Breaking System

The disc braking system on the N-25 employs a hydraulic motor coupled to the drive by a synchronous belt, which supplies pressurized oil to activate the brake caliper during backspin.

The caliper is easy to adjust and the brake pads can be changed in the field.



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