

# Triplex Mud Pump Bearing ZB 28515

## [Description](#)

- **Performance:** An advanced fluid end design gives exceptionally smooth Triplex performance. This unique design facilitates fast inspection and easy servicing.
- **Flexibility:** Compact engineering provides higher efficiency in less space. The pump's light weight and flexible design make it easily adaptable to a variety of rig configurations. This provides flexibility as drilling requirements and conditions change.
- **Fluid End Modules:** NOV offers a choice of fluid end modules and valve covers for every P Series pump model to select the fluid end module that exactly matches drilling requirements. All pump models can be equipped with either the standard or premium forged, two-piece interchangeable fluid modules.

## [Features/Benefits](#)

### **Power End:**

- Fabricated steel frame construction
- One-piece forged steel construction crankshaft, connecting rods and pinion shaft
- Adapability to a variety of drive arrangements on either side or both sides
- Premium roller bearings to enhance smooth performance and efficiency
- Pressurized lubrication system standard on 12-P-160 model

### **Fluid End:**

- Two-piece modular cylinder design is completely interchangeable between modules
- Fast Change™ screw-type valve covers which facilitate quick removal and installation are standard
- Suction manifold can be equipped with front or side inlet connections
- Discharge piping connects from either side
- Piston and liner chambers are easily accessible and fully open
- Two-piece piston rod construction allows removal of piston without disturbing liner
- Easy-to-operate clamps give positive locking for liners and piston rod assemblies
- Spray system cools and lubricates piston and liner surfaces

## [Specifications](#)

Height, floor to center of front inlet suction, inches (mm)	16-1/2" (419)

Height, floor to center of discharge, inches (mm)	45-1/4" (1149)
Overall length over skids, inches (mm)	209" (5309)
Width over frame, inches (mm)	78-5/8" (1997)
Width over pinion shaft, inches (mm)	113-3/4" (2889)
Height, floor to top of gear case, inches (mm)	75" (1905)
Height over fluid cylinders, inches (mm)	62-15/16" (1599)
Max. input, horsepower (kW)	1600 (1193)
Rated pump speed, spm	120
Maximum fluid cylinder line bore*, inches (mm)	7-01/4" (184.2)
Stroke, inches (mm)	12 (304.8)
Hydrostatic test pressure of standard fluid cylinders, psi (kg/cm <sup>2</sup> )	10,000 (703)
Ratio of gears	3.439
Suction connection, ASA-150 lb. R.J. flange, inches	10"
Discharge connection, cross w/API-5000 lb. R.J. flange, inches	6"
Valve pot, API number	MOD.7
Weight-complete, less sheave, lbs. (kg)	54,700 (24,810)

*\*Above 5000 PSI on 12-P-160 is optional*

229/723Q	ZB-6292	65-725-960	IB-675
92984Q	ZB-32000	65-725-000	IB-672
929/558.8Q	ZB-28515	65-725-010	IB-670
928/660.4Q	ZB-26250	IB-1331	IB-680
929/660.4Q	ZB-25500	IB-1330	IB-676
928/508Q	ZB-23500	IB-1334	IB-671
929/840U	ZB-22000	IB-1332	IB-677
228/600Q	ZT-16125	IB-657	12BA4
228/666.75Q	7602-0212-98	IB-675	12GF36
30228/630Q	7602-0212-98	IB-672	ZT-15000
2097164	7602-0210-93/94	IB-670	ZT-15000
2097172	7602-0210-95/96	IB-680	ZT-14500
97860	65-101-775	IB-676	ZT-13127
97960	65-101-958	IB-671	ZT-11812
4G32836H5691/600	65-101-954	IB-677	ZT-10003
5691/500	IB-666/491-35	12BA4	7602-0201-67
5691/630	IB-306/3693B	12GF36	7602-0201-37
1689/520	ZB-9005	12GF38	7602-0201-38
1689/620	ZB-8253	12GF20	7602-0201-47