

Triplex Mud Pump Bearing ZB8253

[Description](#)

- The F-1000 Triplex Mud Pump is made of rugged Fabriform construction and designed for optimum performance under severe drilling conditions. It is compact and occupies less space, yet delivers unequaled performance. The pumps are backed by several decades of design and manufacturing experience, and are considered leaders in the field.
- The NOV Triplex design provides an inherently balanced assembly. No additional counterbalancing is required for smooth operation. No inertia forces are transmitted to the pumps' mountings.
- NOV's F-Series pumps are conservatively rated at relatively low rpm. This reduces the number of load reversals in heavily stressed components and increases the life of the fluid end parts through conservative speeds and valve operation.

[Features/Benefits](#)

- Forged steel cylinders are identical and interchangeable. Liners and pistons can be inspected without removal.
- One-piece piston rod
- Discharge strainer
- Liner, piston and piston rod are removed and replaced through the front of the pump
- The suction desurger is built into the suction manifold for reduction of pressure surges
- F-1000 cylinders are electroless nickel-plated to retard corrosion
- Power end cover can be removed without disturbing top mounted motors
- One-piece interchangeable eccentric straps
- Slower speed means increased expendable life
- Fabriform frame
- Low weight-to-horsepower ratio
- Herringbone gears, both gear and pinion, are machined from alloy steel forgings

[Specifications](#)

GENERAL SPECIFICATIONS	
Nominal Horsepower Rating @ 140 SPM	1,000 HP (746 kW)
Size Maximum Liner By Stroke	6-3/4" X 10" (171 mm x 254 mm)
Gear Type	Herringbone
Gear Ratio	4:32:1
Suction Manifold Fem. Thd.	12
Discharge Outlet	5" (127 mm) 5000 API Flange
DIMENSIONS & WEIGHT	
Overall Length	14' (4,267.2 mm)
Overall Width (Pinion Shaft)	7' 5" (2,261 mm)
Overall Height (Less P.D.)	5' 11" (1,803.4 mm)
Skid Width	7' 10" (2387.6 mm)
Pinion Shaft Diameter	7-3/4" (197 mm)
Keyway	2" X 1" (51 mm X 25.4 mm)
Approximate Weight	38,070 lbs. (17,268 kg)

1687/650	ZB-7120	12BA4	7602-0200-5	65-101-775
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1687/810	ZB-6751	12GF36	7602-0213-0	65-101-958

1681/800	ZB-5620	12GF38	6 7602-0212-6	65-101-954
5692/800	ZB-11028	12GF20	8 7602-0212-6	IB-666/491-3
2687/1049	ZB-10236	12BA6	9 6319-0078-0	5 IB-306/3693B
38780	ZB-8662	12W84	0 7602-0212-8	ZB-9005
5691/750	ZB-7873	12W85	9 6310-0012-0	ZB-8253
5691/600	ZB-7081	12BA18	0 7602-0213-0	ZB-7370
5691/500	ZB-6292	12BA5	7 7602-0212-6	ZB-7120
569196	ZB-32000	12AM3	7 7602-0212-8	ZB-6751
569184	ZB-28515	12BA44	8 7602-0211-0	ZB-5620
569164	ZB-26250	12BA19	9 7602-0210-3	ZB-11028
1689/520	ZB-25500	12W73	7 7602-0213-0	ZB-10236
1689/620	ZB-23500	12W60	5 6301-0038-0	ZB-8662
1687/560	ZB-22000	12W58	0 6397-0267-0	ZB-7873
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