

ROTOFLUID - FTMB Monoblock Rotary Gear Pumps



Fluid Tech Systems offers "ROTOFLUID" brand gear pump Model "FTMB" which is pre-lubrication motorized type positive displacement rotary gear pump. These pumps are with single helical, refined gear pair and hardened and grind finished shaft. The stuffing box is relieved to suction to prevent any pressure built ups to avoid leakages through shafts. The motorized pumps set in monoblock design ensure perfect alignments and saves space & reduces down time. The suction and delivery connection are available in 1/2", 3/4" and 1" size. These pumps can be operated up to pressure of 10kg/cm² with maximum temperature up to 80°C.

Material of Construction

Body	IS.210 FG 220 C.I. Grade
Back Cover	IS.210 FG 220 C.I. Grade
Rotor/Stator Shaft	EN-19
R.H. & L.H. Gear	EN-8
R.V. Spring	Mild Steel
Bearing[Bushes]	Non Ferrous Sintered Bronze
Sealing	Neoprene oil Seal
R.V. Cap	Aluminum
Key for coupling	EN-8

Technical Specification

Model	Suction & Delivery Size	Capacity at 1440 RPM		
		LPM	US GPM	M ³ /hr
FTMB-050	1/2" x 1/2"	16.00	4.4	1.0
FTMB-075	3/4" x 3/4"	30.00	7.9	1.8
FTMB-100	1" x 1"	50.00	13.2	3.0

Features

- Highly reliable.
- Easily portable.
- Base plate, Coupling, Coupling Guard is not required.
- Compact size and Space saving model.
- In built relief valve available.
- Self-priming pump.
- Bi-direction positive displacement pump.
- Ensure perfect alignments.

Application

- Machine tools application.
- Pre-Lubrication of engines.
- Transfer of oil.
- Lubrication of gear boxes.