



\* Not the actual pump. The KFM40A is a member of the KF Series of pumps, which is pictured above.

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### SPECIFICATIONS

| Pump Model                 | KFM40A             |
|----------------------------|--------------------|
| Maximum Volume             | 30.0 GPM           |
| Maximum Discharge Pressure | 1500 PSI           |
| Horsepower                 | 30 HP              |
| Maximum Pump Speed         | 600 RPM            |
| Plunger Bore               | 1.571 in. / 40mm   |
| Plunger Stroke             | 1.9 in. / 50 mm    |
| Crankcase Oil Capacity     | 124.4 oz.          |
| Inlet Port Thread          | 1-1/2" NPT         |
| Discharge Port Thread      | 1" NPT             |
| Shaft Diameter             | 1.6 in. / 40 mm    |
| Weight                     | 160 lbs.           |
| Dimensions                 | 23.6" x 10" x 9.9" |

### MATERIALS

- High resistance light alloy crankcase.
- Stainless steel manifold, nickel treated.
- Tapered roller rim bearings.
- Special antifriction light alloy connecting rods.
- Forged alloy steel crankshaft, hardened, tempered and nitrited.
- Cast iron piston guide, nickel treated.
- Solid ceramic plungers, with ceramic coated Stainless Steel extension.
- Valve disks and seats 17/4 Stainless Steel.

### FEATURES

- High pressure "MUD" pump.
- Specifically designed to pump mixtures of water, bentonite and/or polymers typical of mining and directional drilling applications.
- 17-4 stainless steel valves are guided to promote efficient delivery of fluids. Seating areas are treated with abrasion resistant material to extend life of wearing surfaces.
- Energized packings/seals are produced from high density polyethylene
- Extended crosshead features open design and double lip oil seals to minimize unwanted collection of drilling fluids.
- Patent pending, symmetrical power end design featuring top and bottom mounting holes allowing for easy left to right shaft conversion.
- High performance aluminum alloy connecting rods permit higher loads while reducing overall weight. This reduces vibrations and off center loads on the bearing for longer life and quieter operation.
- Easily coupled to SAE "C" hydraulic motor when using 71 series flange/coupler kit.
- Splash lubrication.

General Pump is a  
member of the  
Interpump Group



