

KFR Series

FEATURES

- High pressure, Triplex Plunger pump
- Patented symmetrical power end design featuring top and bottom mounting holes allowing for easy left to right shaft conversion
- Low-high pressure packing design with integrated cooling system
- High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas
- Splash lubrication
- High performance aluminum alloy connecting rods and a floating wrist pin enable extra load at half the weight. This reduces vibrations and off center loads on the bearing for longer life and quieter operation
- SAE-C hydraulic drive available
- "R" Packings to allow small particulates



MATERIALS

- High resistance light alloy crankcase
- 420 stainless steel manifold
- Taper roller bearings
- Special anti-friction light alloy, forged, connecting rods
- Forged alloy steel crankshaft, hardened, tempered and nitrided
- Cast iron piston guide, nickel treated
- Solid ceramic plungers
- 17/4 stainless steel valves

COMMON SPECIFICATIONS

- Maximum Inlet Pressure: 45 PSI
- Maximum Fluid Temperature: *185° F
- Inlet Port Thread: 1-1/2" NPT-F
- Discharge Port Thread: 1" NPT-F
- Shaft Diameter: 1.575"/40 mm
- Stroke: 1.969"/50 mm
- Pump Dimensions: 20.7" x 14.5" x 9.9"
- Crankcase Oil Capacity: 128.5 oz. (3.8 liters)
 (use GP Series 220 Oil)
- Shipping Weight: 150 lbs./68 kg

*Please consult technical guide or GP Sales Representative for Temperature/Inlet Pressure Information.

Product Group: V

Note: All models come standard with crankshaft on right side (when facing manifold), specify "L" when ordering left hand version.

MODEL	GPM/LPM	PSI/BAR	RPM	BORE	EBHP
KFR28A	24.5 GPM/93.00 LPM	3045 PSI/210 BAR	1000 RPM	1.102 in./28 mm	51.0
KFR30A	28.0 GPM/106.00 LPM	2900 PSI/200 BAR	1000 RPM	1.181 in./30 mm	56.0
KFR32A	31.7 GPM/120.00 LPM	2610 PSI/180 BAR	1000 RPM	1.260 in./32 mm	57.0
KFR36A	40 GPM/153.00 LPM	1900 PSI/130 BAR	1000 RPM	1.417 in./36 mm	52.0
KFR40A	45 GPM/170.00 LPM	1600 PSI/110 BAR	1000 RPM	1.574 in./40 mm	49.0

Volumes are theoretical at 100% volumetric efficiency.

PUMP OPTIONS

- "F" version features flushing option
- Available with external gear box (direct drive only)
- SAE-C hydraulic drive available
- See Owner's Manual for proper installation and working procedures



General Pump
 is a member of
 The Interpump Group



Ref 310179 Rev. B
 01-21



ACCESSORIES

REGULATORS

■ R1

18.5-29.0 GPM
2900-8700 PSI



■ R1X

18.5-29.0 GPM
2900-8700 PSI
316 SS



■ R2

61.0 GPM
3050 PSI



GUNS / LANCES

■ ZP87SSL19/39/19S/39S

15.85 GPM
8700 PSI



■ YG7221/L31-YG7221/51

21.0 GPM
7250 PSI



■ YRL56L

8.0 GPM
5650 PSI



SAFETY DEVICES

■ SV2

50.0 GPM
1450-8700PSI



■ SX2

50.0 GPM
1450-5899 PSI



PULSATION DAMPENERS

■ A7

43.0 GPM
3050 PSI



UNLOADERS

■ RA2

61.0 GPM
3050 PSI



■ ZKBH3030

29.0 GPM
3050 PSI



■ PNRA2

61.0 GPM
3050 PSI



MISCELLANEOUS

■ 320001/
320003

3000/5000 PSI
Pressure
Gauge



■ ZRMAX

1.4-13.9 GPM
11000/22000 PSI
Rotating Nozzle



■ Y7K

7000 PSI
Rotating
Nozzle



■ 639273

55.0 GPM
50/297 Mesh/
Micron
Filter



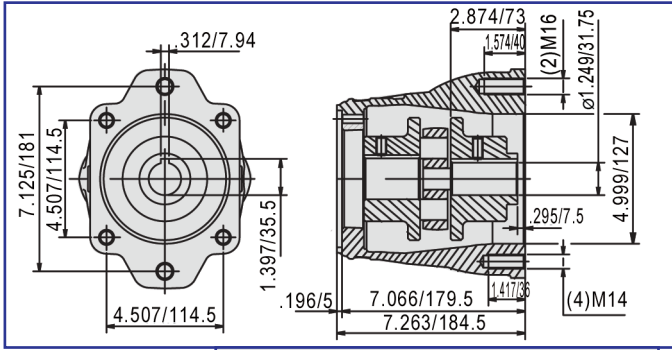
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Oil Drain Kit

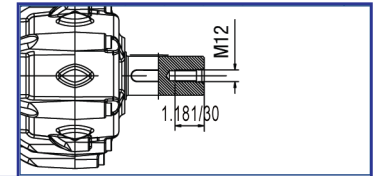
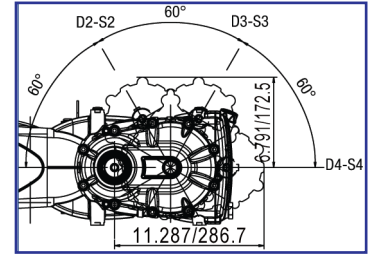
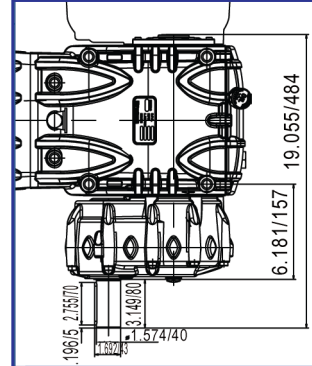




DRIVE OPTIONS



SAE-C hydraulic bell housing and flexible coupler.



Gearbox

KFZ pumps can be supplied with an optional gearbox available in 3 different ratios. The gearbox can be mounted on the left or right side of the pump in 4 different angles, at your choice. Gearbox ratios: R=1.125:1, R=1.50:1, R=1.83:1



SAE-C 2/4 F 14 tooth 12/24DP hydraulic drive

OVERALL DIMENSIONS

