

**FEATURES**

- High pressure "MUD" pump
- Specifically designed to pump fluids and muds typical of the drilling industry
- Self cleaning ball valves
- Abrasion resistant packings and valves
- High heat dissipation power end
- Splash lubrication
- Quick servicing of packings (patent pending)
- Auxiliary PTO shaft available as an option

SPECIFICATIONS

Pump Model	KF50MA
Maximum Inlet Pressure	45 PSI
Minimum Inlet Pressure	-10 Feet
Maximum Fluid Temperature	140° F
Inlet Port Thread	1-1/2" NPT-F
Discharge Port Thread	1" NPT-F
Shaft Diameter	1.575" / 40 mm
Stroke	1.968" / 50 mm
Dimensions	20.7" x 14.5" x 9.9"
Crankcase Oil Capacity	128.5 oz. (3.8 liters) (use GP Series 220 oil)
Weight	158 lbs. / 69.3 kg

MATERIALS

- AISI 420 SS manifold, nickel plated
- Special anti-friction light alloy connecting rods
- Valve ball and seats high resistance stainless steel
- High resistance light alloy crankcase
- Splash lubrication
- High density polymer packings
- Chromium carbide plated SS sleeves

KF50MA	SPEED			
	100 RPM	200 RPM	300 RPM	370 RPM
Flow Rate	7.7 GPM/29 LPM	15.6 GPM/59 LPM	23.4 GPM/88 LPM	28.8 GPM/109 LPM
Pressure	1300 PSI/90 Bar	1300 PSI/90 Bar	1300 PSI/90 Bar	1300 PSI/90 Bar
HP	6.8	13.8	20.6	25.5



General Pump
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the Interpump Group

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DRIVE OPTIONS



Bell housing
and coupling
kits for
SAE J744C
hydraulic
motor

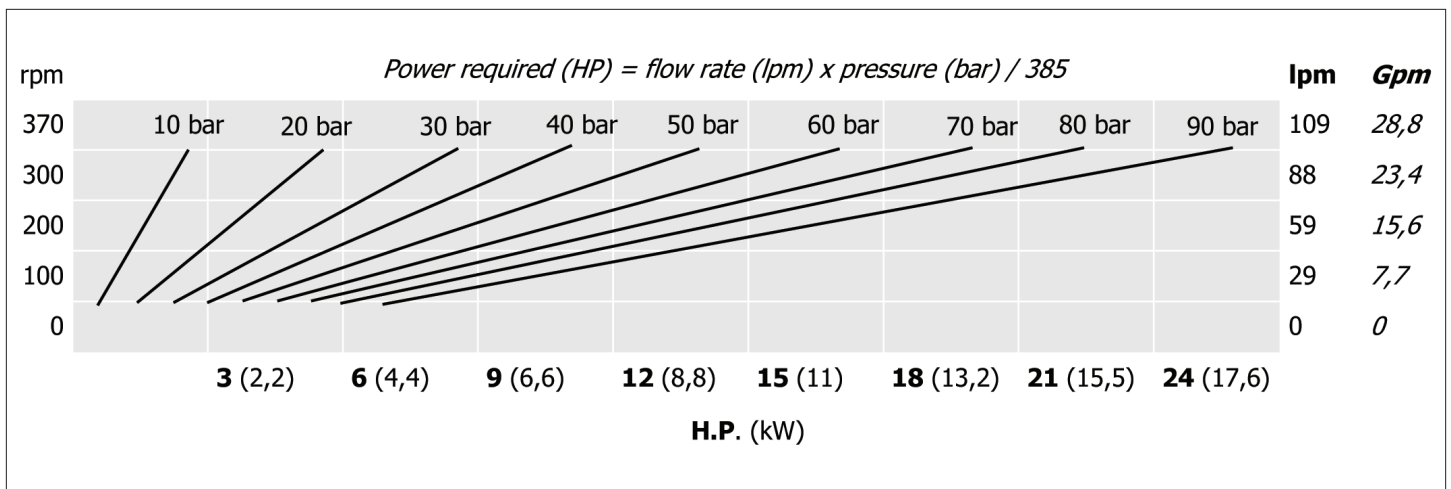


Flange for
direct drive
mount

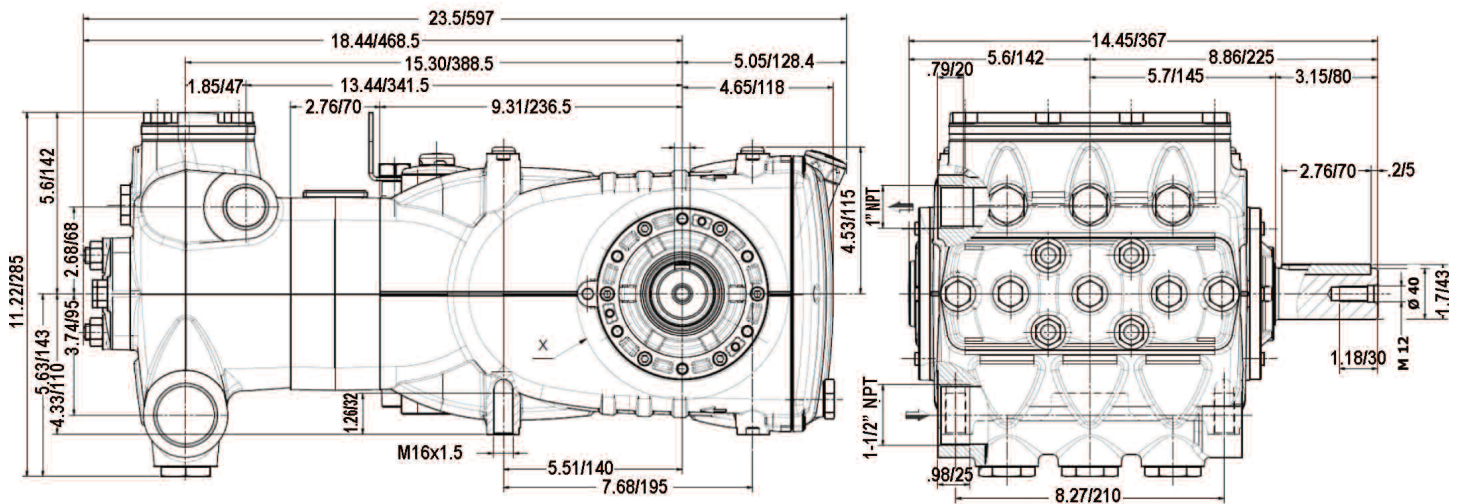


Positionable
gear box
1:1.25
1:1.5
1:1.83

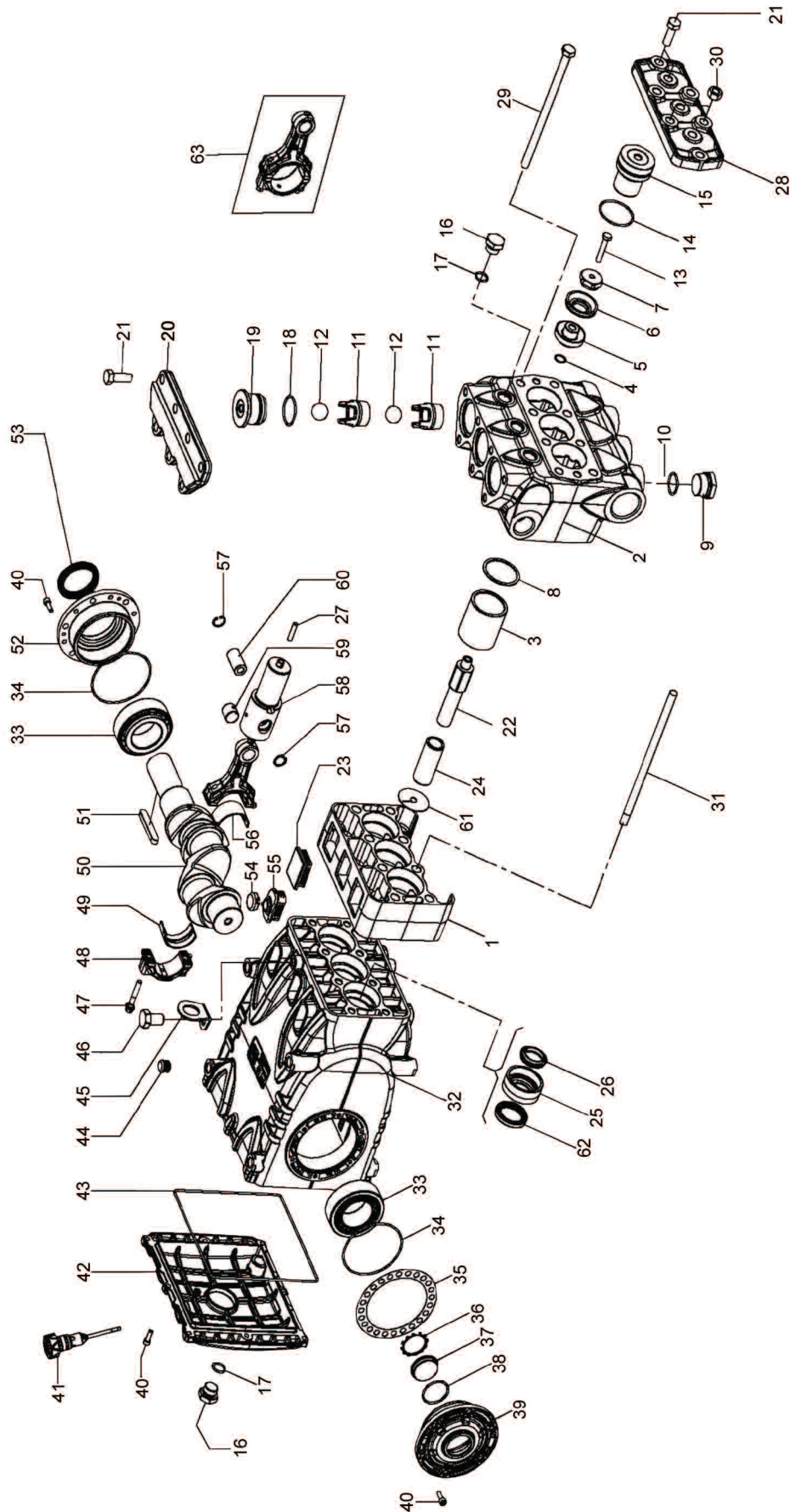
PERFORMANCE CURVES



OVERALL DIMENSIONS



EXPLODED VIEW AND PARTS LIST



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KF50MA SERIES

Item	Part #	Description	QTY.
1	F71224922	SPACER, MANIFOLD	1
2	F71129915	MANIFOLD, KFM50A, NPT, 420 SS	1
3	F71060556	CYLINDER, 50MM	3
4	F90367800	O-RING, 15.0x2.0, NBR 70 SH.	3
5	F71227770	SUPPORT PISTON, PACKING	3
6	F93199500	PACKING, PISTON, CUP	3
7	F71227966	CONNECTOR, PISTON SUPPORT	3
8	F93200000	WASHER, D. 50x60.4x1.5	3
9	F98232500	PLUG, G 1"x 17	3
10	F90386300	O-RING, 28.25x2.62, NBR 70 SH.	3
11	F36211400	VALVE SEAT	6
12	F97490000	BALL, VALVE 25.4(1")	6
13	F99312720	BOLT, M8x45 UNI 5737	3
14	F90389100	O-RING, D. 52.07x2.62, NBR 70 SH. 3206	3
15	F71228062	PLUG, CAP, PISTON	3
16	F98218300	PLUG, G1/2 X 13, NICKEL	4
17	701115	O-RING, 70 DURO, BUNA-N, .674 ID X .103	4
18	90387700	O-RING, 70 DURO, BUNA-N, 1.549 ID X .103 CS	3
19	F71130562	PLUG, CAP, VALVE	3
20	F71227615	COVER, VALVE PLATE	1
21	F99429400	BOLT, M12 X 35 UNI 5737	12
22	F71227866	PISTON SUPPORT	3
23	F98243600	CAP, PLASTIC, 47 X 35 X 12.5MM	3
24	F76040056	PISTON, D.30 X 70	3
25	F71225070	SUPPORT, LPS	3
26	F90276800	SEAL, 30 X 43 X 8.5MM	3
27	F95822000	BOLT, STUD, SS, M7 X 32, 71 SERIES	3
28	F71227513	COVER, PISTON	1
29	F99450100	BOLT, M12 X 220 UNI 5737	4
30	F92239500	NUT, M12 X 19 X 10, UNI 5588, ZINC	4
31	F95842000	BOLT, SPACER, M12 X 233	4
32	F71010022	CRANKCASE	1
33	F91859000	BEARING, ROLLER, 3321	2
34	F90391800	O-RING, D.94.92x2.62, NBR 70	2
35	F71220081	SHIM, KF, 0.1 MM	
	F71220381	SHIM, KF, 0.25 MM	

[illegible]

KIT NUMBER	F2224 Plunger Seal Kit	F2223 Valves Kit	F2225 Plunger Rebuild Kit	F2226 Complete Seals Kit	F2135 Conrod Bushing Kit (Std.)	F2154 Conrod Bushing Kit (+0.25.)	F2155 Conrod Bushing Kit (+0.50)
Positions Included	4, 6, 14	10, 11, 12, 14, 18	3, 4, 6, 8, 14, 26	4, 8, 10, 14, 17, 26, 34, 35, 38, 43, 53, 62	49, 56	49, 56	49, 56

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