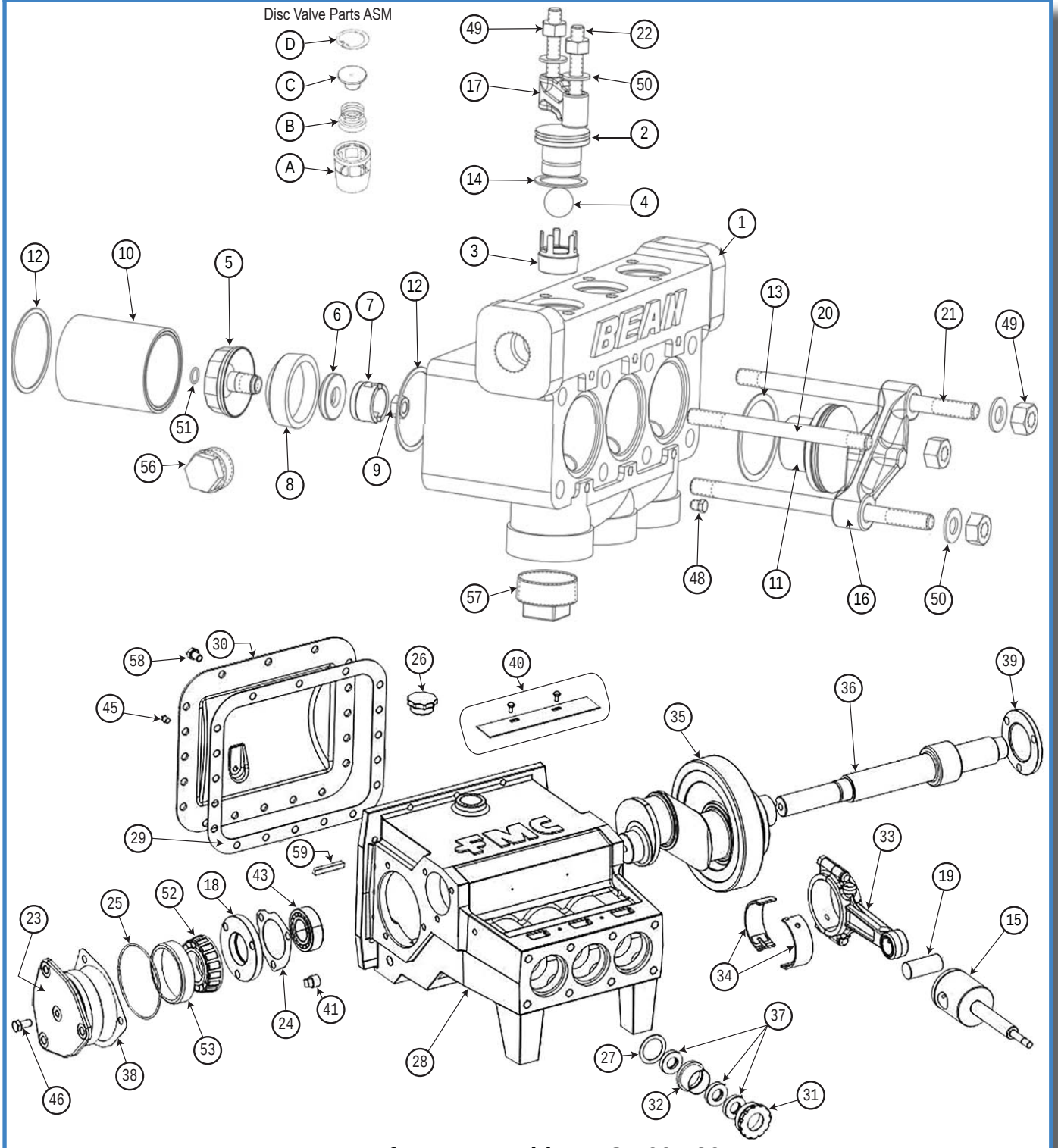
L09-420 Parts Diagram



Performance Table FMC L09-420

Pump Model	Piston Diameter (in)	Displacement (GAL/REV)	Max Pressure (PSI)	Pump Capacity (GPM) @ Input Speed (RPM)				
				350 RPM	625 RPM	700 RPM	750 RPM	890 RPM
L0918	2.750	0.0589	700	11.3	20.2	22.6	24.2	28.7

PUMPS - FMC L0918BCD

FMC L09-420
PN: 39-160-00



Specifications:

- Standard Suction Size: 1.50” NPT
- Standard Discharge Size: 1.00” NPT
- Pump Weight (Average): 200 lbs

Features:

- Fluid end material of cast iron
- Pump can be easily repacked
- Ceramic cylinders
- Internal gear reduction in crankcase eliminates need for large sheaves
- Ball valves are available for pumping viscous materials such as drilling muds

Item	Description	Qty	Part #.	Item	Description	Qty	Part #.
1	Valve Chamber	1	39-1255266	31	Packing Nut	3	39-1283600
2	Valve Cover	3	39-A5003	32	Sleeve	3	39-1283601
3	Valve Seat	6	39-1225327	33	Connecting Rod	3	39-18710
4	15/16" SS Ball	6	39-1187738	34	Bearing Eccentric	6	39-P510831
	7/8" SS Ball	6	39-1101418	35	Eccentric Gear ASM	1	39-1279071
5	Packing Cup	3	39-8495	36	Pinion Shaft	1	39-1265098
6	Packing Washer	3	39-1207289	37	Plunger Rod Seal	6	39-1283603
7	Plunger Nut	3	39-A5016	38	Shim	5	39-1252594
8	Packing - Standard	3	39-A3434N	39	Bearing Cap	1	39-1225769
	Packing - Abrasive	3	39-5260052	40	Cover Plate ASM	1	39-1214260
9	Hex Nut ½ - 13 SS	3	39-8309	41	Lube Fitting	3	39-1100759
10	Porcelain Cylinder	3	39-A5034M	42	Set Screw 5/16 – 18 x ½	3	39-1103470
	FMC Ceramic Porcelain Cyl.	3	39-1272060	43	Ball Bearing	2	39-1104444
11	Cylinder Head	3	39-A5002	44*	Seal Holder	3	39-1281655
12	Gasket Cylinder (Copper)	3	39-1280024	45	HHCS 3/8 -16 x ½	14	39-1106910
	Gasket Cylinder (Fibre)	3	39-1280024F				
13	Gasket Cyl. Head(Copper)	3	39-1280025	46	HHCS 3/8 -16 x ¾	12	39-1100068
	Gasket Cyl. Head(Fibre)	3	39-1280025F				
14	Gasket Valve Cover(Copper)	3	39-1280026	47	HHCS ½ -13 x ¾	2	39-1106980
	Gasket Valve Cover(Fibre)	3	39-1280026F				
15	Crosshead & Rod	3	39-1250876	48	Plug, ½	2	39-1187048
16	Clamp Cylinder Head	3	39-1271415	49	Hex Nut ½ -13	14	39-1121511
17	Clamp Valve Cover	3	39-1271716	50	Lock Washer	3	39-1100243
18	Bearing Cap	1	39-A5005	51	O-ring 5/8 O.D. x 1/16	3	39-1101176
19	Pin	3	39-A5006	52	Cone Bearing	2	39-1101242
20	Stud Cylinder	2	39-A5009	53	Cup Bearing	2	39-1177287
21	Cylinder Cover Stud	6	39-A5011	54*	Bushing, Connecting Rod	3	39-A5046
22	Valve Clamp Stud	6	39-A5012	55*	Bolt, Connecting Rod	6	39-18743
23	Bearing Housing	2	39-1279064	56	Plug 1” Pipe	1	39-1105077
24	Gasket	2	39-A5026	57	Plug 1 – ½ Pipe	2	39-1105105
25	Gasket	2	39-A5025	58	Petcock 1/8 NPT	1	39-1187039
26	Oil Cap	1	39-A5054	59	Key	1	39-1187577
27	Packing Washer L09	3	39-1283602	A**	Seat Valve	1	39-1245786
28	Pump Case	1	39-5260537	B**	Disc & Spring ASM	1	39-1250400
29	Gasket - Cover	1	39-1279065	C**	Valve Seat	1	39-5260958
30	Cover ASM	1	39-1279063	D**	Snap Ring	1	39-1251822

* Parts 44, 54 & 55 are not illustrated

** Parts A, B, C, D are part of Disc Valve Parts ASM
Part # 1256641