ASC 10706

Hydraulic Motor Driven Centrifugal Pump





FMC-HYD

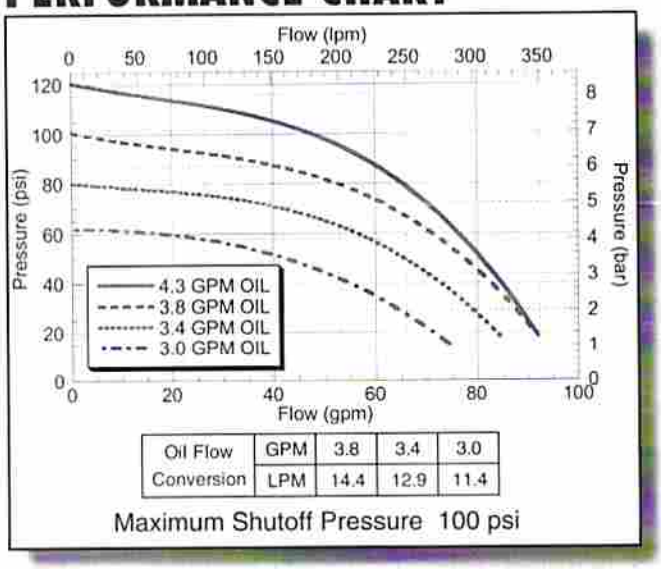
- Suction 1-1/4" Discharge 1"

  -204 motor requires 4 GPM (15.1 LPM) hydraulic flow on PC Closed and Open Center Systems

  -210 motor requires 10 GPM (37.9 LPM) hydraulic flow on LS Closed and Open Center Systems

  -310 motor requires 16 GPM(60.6 LPM) hydraulic flow on Large Open Center Systems
- Integral Needle Valve bypasses up to 9 GPM (34 LPM) on Open Center Systems
- Standard Viton® Carbon/Ceramic seal or Optional Severe Duty Silicon Carbide Mechanical Seal
- Chemical Resistant Valox® or Optional Cast Iron Impeller
- Stainless Steel Shaft and Wear Ring

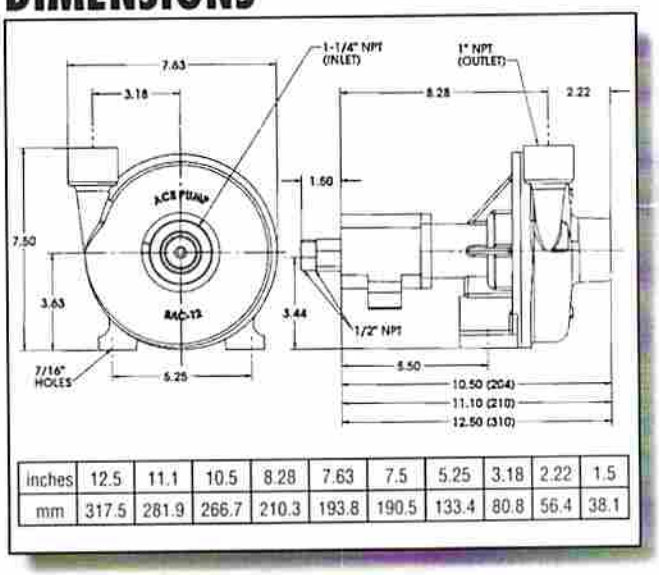
PERFORMANCE CHART



Oil Flow	GPM	3.8	3.4	3.0
Conversion	LPM	14.4	12.9	11.4

Maximum Shutoff Pressure 100 psi

DIMENSIONS



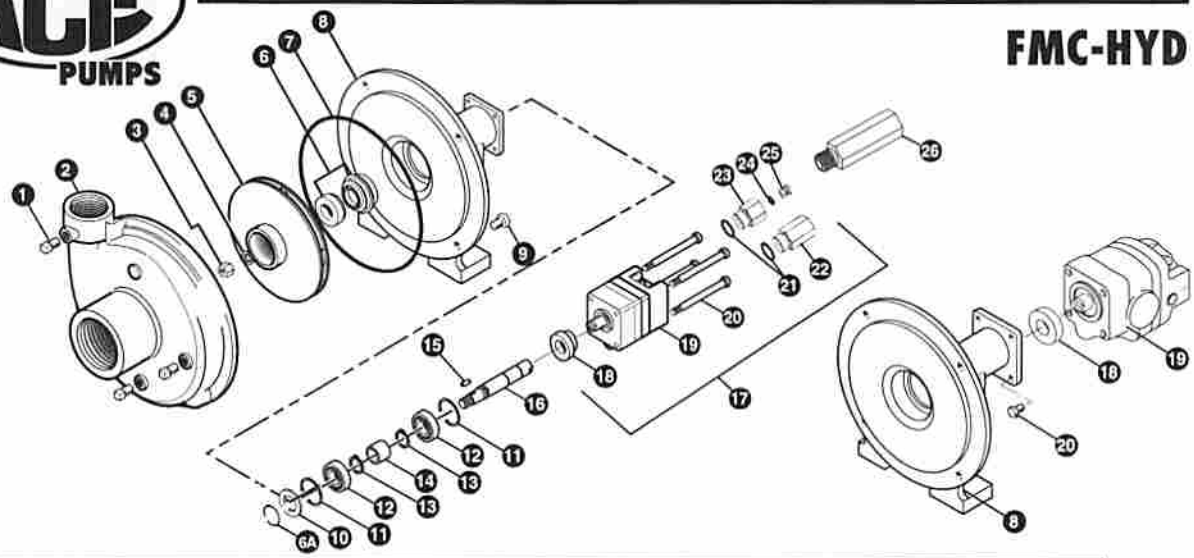
inches	12.5	11.1	10.5	8.28	7.63	7.5	5.25	3.18	2.22	1.5
mm	317.5	281.9	266.7	210.3	193.8	190.5	133.4	80.8	56.4	38.1

Valox® is a registered trademark of GE Plastics.
Viton® is a registered trademark of DuPont Dow Elastomers.

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ACE PUMPS

FMC-HYD



REF. #	PART NUMBER	EDP #	DESCRIPTION	REQ.
1	BAC-53	41110	Pipe plug	4
1	41120	41120	Pipe plug, stainless steel (optional)	4
2	BAC-12	40250	Volute, 1-1/4" x 1", cast iron	1
3	BAC-23-A	40391	Nut, 3/8" NF, cad plated	1
3	BAC-23-A-SS	40392	Nut, 3/8" NF, stainless steel (optional)	1
4①②	BAC-24-HYD-SS	40400	Washer, 3/8" star, stainless steel	1
5	BAC-26-HYD-VALOX	40440	Impeller, Valox, keyway	1
5	BAC-26-HYD-CI	40442	Impeller, cast iron, keyway (optional)	1
6①	BAC-7V	40151	Seal, carbon/ceramic/Viton (includes 40160 O-Ring)	1
6②	BAC-7SC	40152	Seal, silicon carbide/Viton (includes 40160 O-Ring) (optional)	1
6A①②	40160	40160	O-ring, shaft seal	1
7①②	BAC-4A	40005	O-ring, body seal	1
8	BAC-14-HYD	40300	Mounting frame, cast iron (for 200 Series hydraulic motor)	1
8	BAC-14-HYD-300A	40314	Mounting frame, cast iron (for 300A Series hydraulic motor)	1
9	40950	40950	Cap screw, 3/8" NC x 3/4" hex head	4
9	40930	40930	Cap screw, 3/8" NC x 3/8" hex head, stainless steel (optional)	4
10	BAC-54	41130	Slinger	1
11	BAC-33	40810	Snap ring, internal, BAC-14 mounting frame	2
12	BAC-37	40870	Ball Bearing, sealed, BAC-6 shaft	2
13	BAC-32	40790	Snap ring, external, BAC-6 shaft	2
14	BAC-32-S	40795	Spacer for BAC-6 shaft	1
15	BACH-25	40420	Key, 1/8" x 1/8" x 1/2"	1
16	BAC-6-HYD-SS	40061	Shaft, 5/8" diameter, keyway and tang slot, stainless steel	1
17	BAC-75-HYD-204	41370	Hydraulic motor, 4 GPM (includes parts 18 - 25)	1
17	BAC-75-HYD-210	41375	Hydraulic motor, 10 GPM (includes parts 18 - 25)	1
18	S200	40161	Seal support spacer for 200 Series HYD motor	1
18	S300	40162	Seal support spacer for 300 Series HYD motor	1
19	BAC-75-HYD-204N	41433	Hydraulic motor, 4 GPM (motor only - no external fittings)	1
19	BAC-75-HYD-210N	41434	Hydraulic motor, 10 GPM (motor only - no external fittings)	1
19	BAC-75-HYD-310	41378	Hydraulic motor, 16 GPM (310A motor effective March 2006)	1
20	41253	41253	Cap screw, 5/16" N. C. x 3-1/2" socket head (for 204N motor)	4
20	41254	41254	Cap screw, 5/16" N. C. x 4" socket head (for 210N motor)	4
20	41330	41330	Cap screw, 5/16" N. C. x 3/4" hex head (for 310 motor)	4
21	41875	41875	O-ring, #8 SAE fitting	2
22	BAC-78-8SAE	41441	Reverse check valve, #8 SAE male x 1/2" NPT female	1
23	BAC-80-8SAE	41455	Adapter, restrictor body, #8 SAE male x 1/2" NPT female	1
24	41448	41448	O-ring, orifice insert	1
25	BAC-79-5	41457	Orifice, restrictor insert, .078 (204N)	1
25	BAC-79-7	41456	Orifice, restrictor insert, .109 (210N)	1
26	LS-204N	41417	Flow limiting valve (204N), #8 SAE male x 1/2" NPT female	1
26	LS-210N	41423	Flow limiting valve (210N), #8 SAE male x 1/2" NPT female	1
①	RK-FMC	52700	Repair kit for FMC series pump	-
②	RK-FMCSC	52706	Repair kit for FMC series with silicon carbide shaft seal	-
#	RK-BAC-75-HYD-L	41374	Repair kit for 200 series motor with high pressure lip seal	-
#	RK-BAC-75-HYD-300-L	41362	Repair kit for 310 motor with high pressure lip seal	-

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