

16
JM
AVF 16

TOTAL HEAD			PERFORMANCE CURVE			3500 RPM			1.0 S.G. 70°F			PUMP			16			PUMP SIZE: 2.0 x 1.5 x 5.5 IMP. TYPE: ENCLOSED MAX. DIA.: 5.50 IMPELLER NO.: B1002 MAX. SPHERE: 7/32 PEICL: 0.96			6-16-14		
MTRS	PSI	FEET	NUMBER 40.000.132						60 Hz														
55	78	180	The graph displays the performance characteristics of the pump. The y-axis represents total head in feet (0 to 180) and meters (0 to 55). The x-axis represents flow rate in GPM (0 to 140) and cubic meters per hour (0 to 32). Solid lines represent the pump head for different impeller diameters: 4.25, 4.50, 4.75, 5.00, 5.25, and 5.50 inches. Dashed lines represent the NPSH required for different flow rates. The graph also shows the performance for various horsepower ratings: 1.5 HP, 2 HP, 3 HP, and 5 HP. The 5 HP curve is a dashed line, while the others are solid. The NPSH required curves are also shown as dashed lines.															STD. IMPELLERS FOR ODP MOTORS					
49	69	160																H.P.			DIA.		
43	61	140																1.50			4.25		
37	52	120																2.00			4.50		
30	43	100																3.00			5.00		
24	35	80																5.00			5.50		
18	26	60																					
12	17	40																					
6	9	20																					
U.S. GALLONS PER MINUTE																		0 20 40 60 80 100 120 140					
CUBIC METERS PER HOUR			0 4 9 14 18 22 27 32																				



D016JMAVF
0163AVF

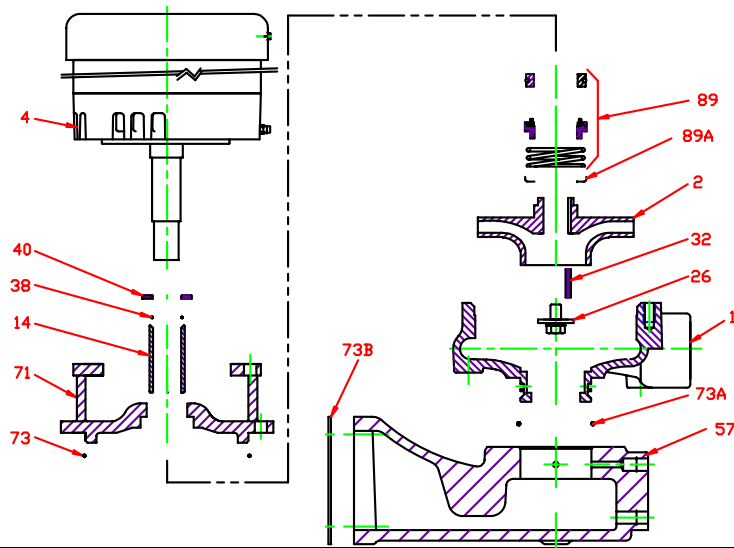
0163500

16
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AVF 16

016AVFJM
81.001.349 M19

AVF 16 • Iron • JM Frame • 3500 RPM

E016JMSAVF



KEY NO.	PART NAME	AVF 16
1	CASE, IRON, 2.5 TRN x 1.5 NPT	130.000.164X
	Includes Suction Gasket, Key #73A	
2	IMPELLER, 7/8" KEYED, ENCLOSED, SPECIFY DIAMETER:	
	CIBF	131.000.826
	IRON	137.000.127
	BRONZE	131.000.808
4	MOTOR:	See Chart
	JM140/180	
14*	SHAFT SLEEVE	
	BRONZE	110.000.178
	STAINLESS	110.000.192
26*	IMPELLER RETAINER, STAINLESS	118.000.111A
32*	KEY, STAINLESS	102.000.102
38*	O-RING, SHAFT	
	BUNA	116.000.117
	VITON	116.000.105
40*	FLINGER, STAINLESS	104.000.165
57	FLANGE, IRON, 7½" x 4½"	132.000.197X
	Includes Flange Gasket (Key #73B), Set Screws and Plugs	
71	ADAPTER, IRON	132.000.194X
	JM140/180	
73*	GASKET, CASE, BUNA	116.000.146
73A	GASKET, CASE SUCTION, BUNA	116.000.148
73B	GASKET, FLANGE	116.000.126
89*	1½" SEALS:	
	TYPE 21, BN-CARB/CM	101.000.168
	TYPE 21, VN-CARB/CM	101.000.194
	TYPE 21, VN-CARB/SIL	101.000.175
	TYPE 21, EPDM-CARB/SIL	101.000.175B
89A*	SEAL RETAINER	104.000.175
--	REPAIR KITS:	
	BN-CARB/CM SEAL	118.000.343
	VN-CARB/CM (S) SEAL	118.000.343A
	VN-CARB/SIL SEAL	118.000.343B
	EPDM-CARB/SIL SEAL	118.000.343D
* DENOTES COMPONENTS INCLUDED IN REPAIR KIT. ALL REPAIR KITS INCLUDE THE BRONZE SHAFT SLEEVE EXCEPT THE (S) INDICATED, WHICH IS STAINLESS WITH VITON SHAFT O-RING.		