

**MOTOR DIMENSIONS**

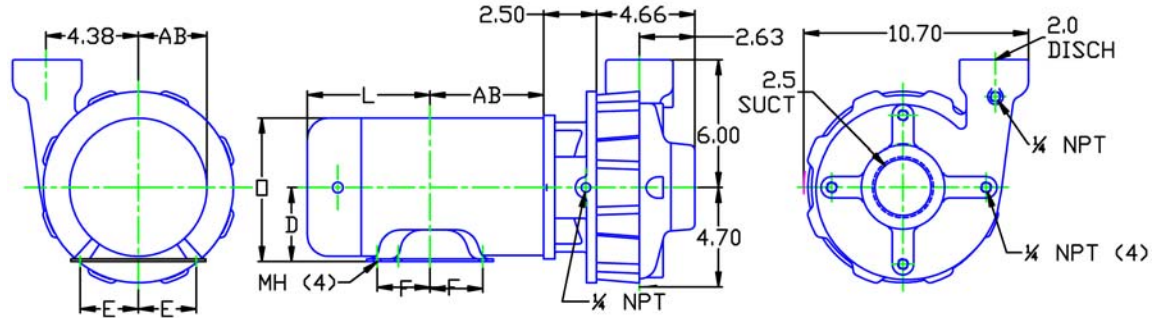
**NEMA PREMIUM EFFICIENT JM FRAME 3 PHASE 1750 RPM**

HP	Type	Frame	D	E	F	O	AB	BG	L	MH
1	ODP	JM143	3.50	2.75	2.00	6.77	5.67	4.88	4.63	0.34
1.5	ODP	JM145	3.50	2.75	2.50	6.77	5.61	5.38	4.63	0.34
1	TEFC	JM143	3.50	2.75	2.00	7.00	6.25	4.57	5.84	.34
1.5	TEFC	JM145	3.50	2.75	2.50	7.00	6.25	4.57	5.84	.34

See C56 frame for .50 - .75 HP

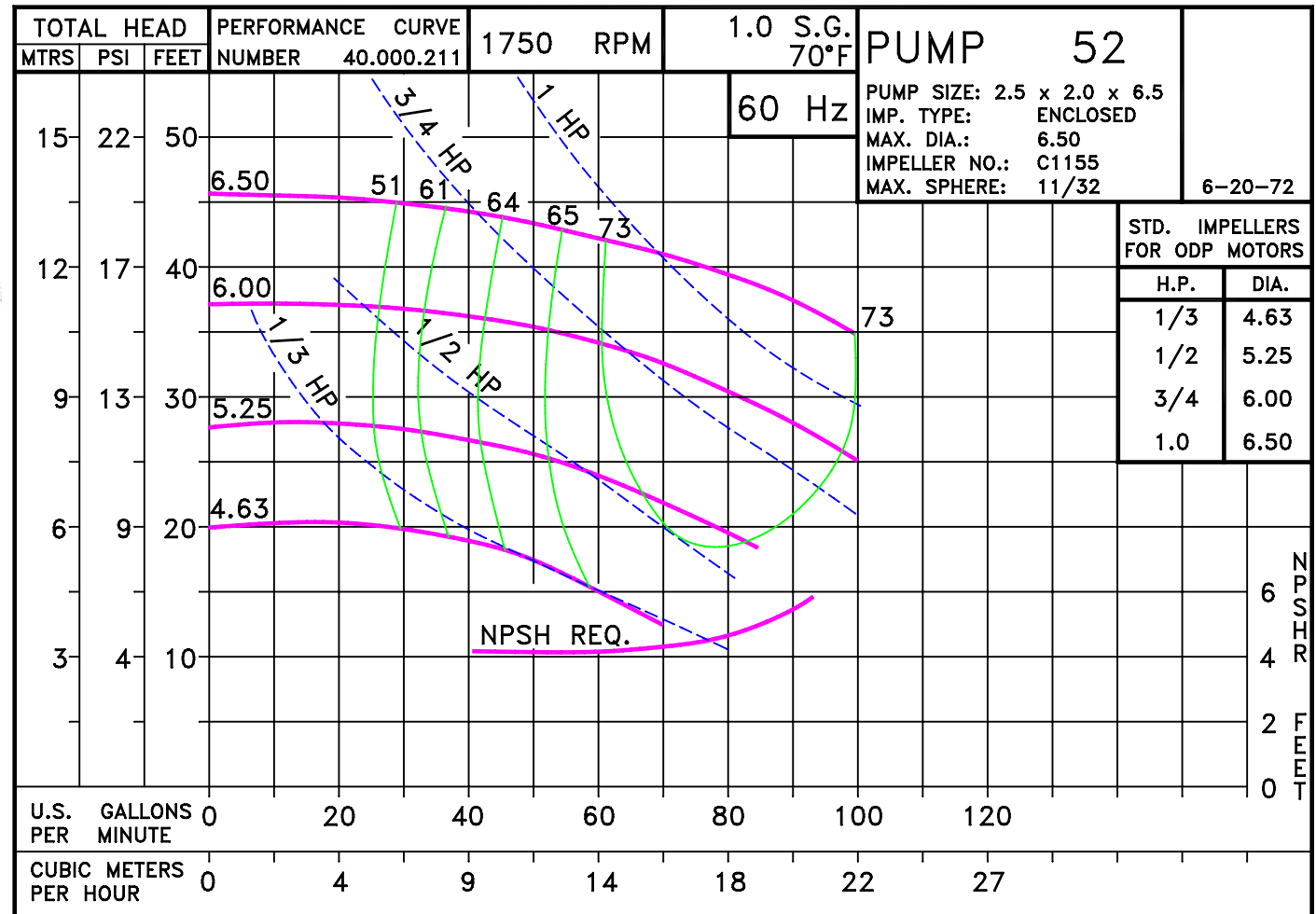
D052BJM145

DRAWING DEPICTS JM145 1.5HP ODP MOTOR



**ALL DIMENSIONS IN INCHES.**

DRAWING REPRESENTS APPROXIMATE PUMP DIMENSIONS. AUTOCAD DRAWINGS TO SCALE AVAILABLE FROM FACTORY.



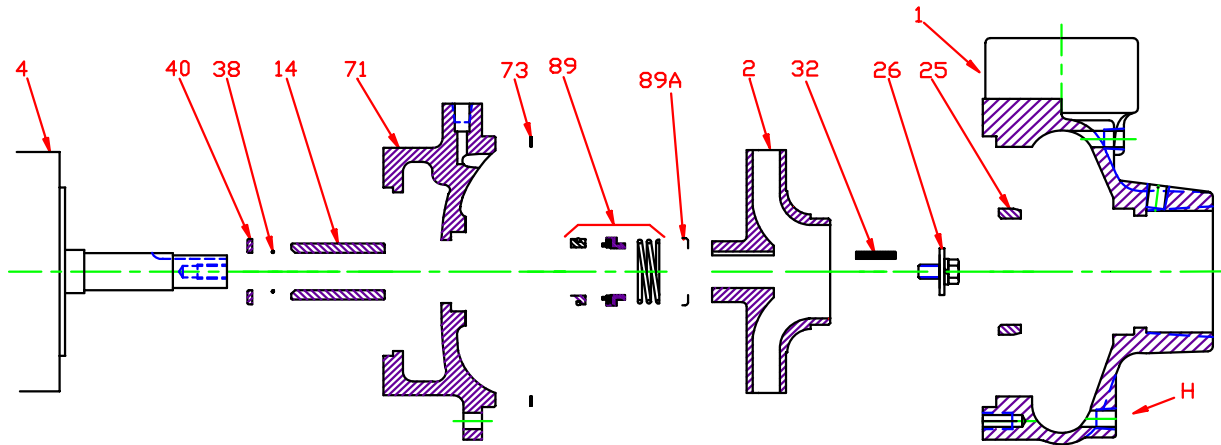
050B5DP

D052BJM145  
0521750

**52B**  
JM

052B1750JM  
81.001.729 J16

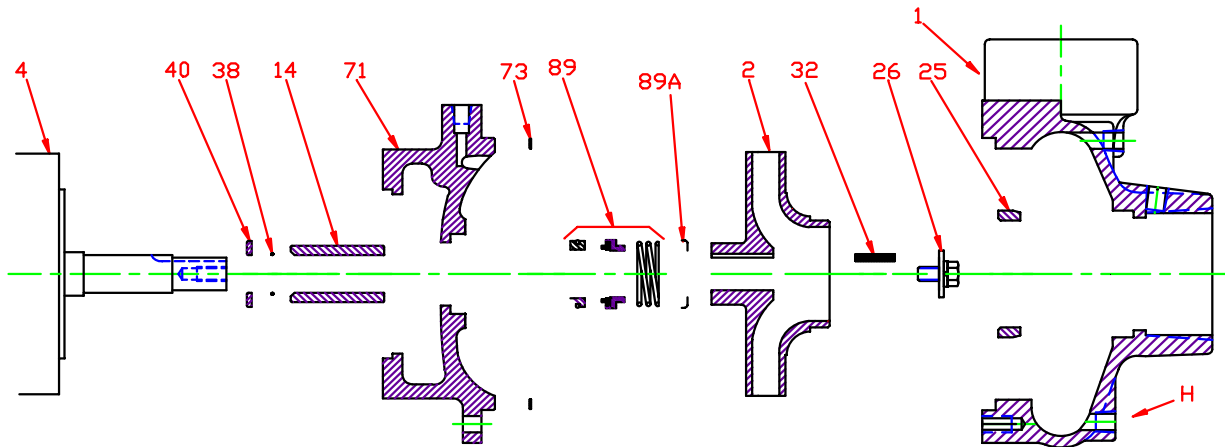
**Pump 52B • Bronze • JM Frame • 1750 RPM**



KEY NO.	PART NAME	PUMP NO. 52B
1+	CASE, BRONZE, 2.5 x 2 NPT	130.000.218X
2	IMPELLER, 7/8" KEYED, ENCLOSED, SPECIFY DIAMETER: BRONZE	131.000.810
4	MOTOR, JM140/180	See Chart
14*	SHAFT SLEEVE, BRONZE	110.000.178
	SHAFT SLEEVE, STAINLESS	110.000.192
25	WEAR RING, BRONZE	103.000.136
26*	IMPELLER RETAINER, STAINLESS	118.000.163A
32*	KEY, STAINLESS	102.000.102
38*	O-RING, SHAFT, BUNA	116.000.117
	O-RING, SHAFT, VITON	116.000.105
40*	FLINGER, STAINLESS	104.000.165
--	ADAPTER, BRONZE - JM140/180	132.000.228X
73*	GASKET, CASE, FIBER	116.000.157
	1½" SEALS:	
	BN-CARB/CM	101.000.168
	VN-CARB/CM	101.000.191
89*	VN-CARB/SIL	101.000.175
	VN-SIL/SIL	101.000.204
	EPDM-CARB/SIL	101.000.175B
	EPDM-SIL/SIL	101.000.204A
89A*	SEAL RETAINER, STAINLESS	104.000.174
	° REPAIR KITS:	
	BN-CARB/CM SEAL	118.000.344
	VN-CARB/CM SEAL (S)	118.000.344A
	VN-CARB/CM SEAL	118.000.344K
	VN-CARB/SIL SEAL	118.000.344B
	VN-SIL/SIL SEAL (S)	118.000.344F
	EPDM-CARB/SIL SEAL	118.000.344C
	EPDM-SIL/SIL SEAL	118.000.344D

\* DENOTES COMPONENTS INCLUDED IN REPAIR KIT.  
 + INCLUDES BRONZE WEAR RING.  
 ° ALL REPAIR KITS INCLUDE THE BRONZE SHAFT SLEEVE EXCEPT THE (S) INDICATED, WHICH IS STAINLESS WITH VITON SHAFT O-RING.

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CONSTRUCTION OPTIONS		
KEY	PART NAME	ALL BRONZE
1	Case	Bronze
2	Impeller	Bronze
14	Shaft Sleeve	Bronze
25	Wear Ring	Bronze
26	Impeller Retaining Assy	Stainless
32	Key	Stainless
38	Shaft O-Ring	BUNA
40	Flinger	Stainless
71	Adapter	Bronze
73	Gasket, Case	Fiber
89	Mechanical Seal, Type 21 BN-CM	Standard
89A	Seal Spring Retainer	Stainless
H	Plug, Drain	Brass

E054JM

A13

C052B1750JM