

MOTOR DIMENSIONS

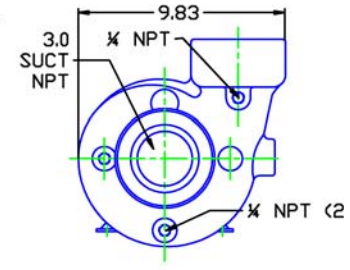
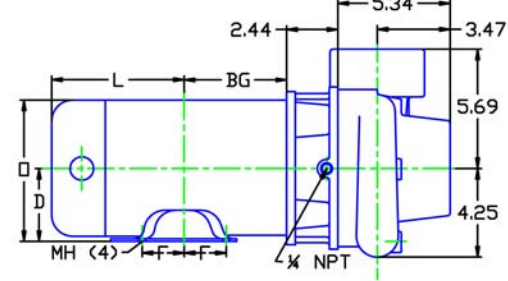
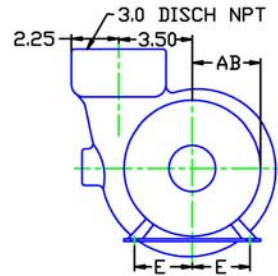
NEMA PREMIUM EFFICIENT JM FRAME 3 PHASE 1750 RPM

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	5.06	6.34	.34

See C56 frame for .50 - .75 HP

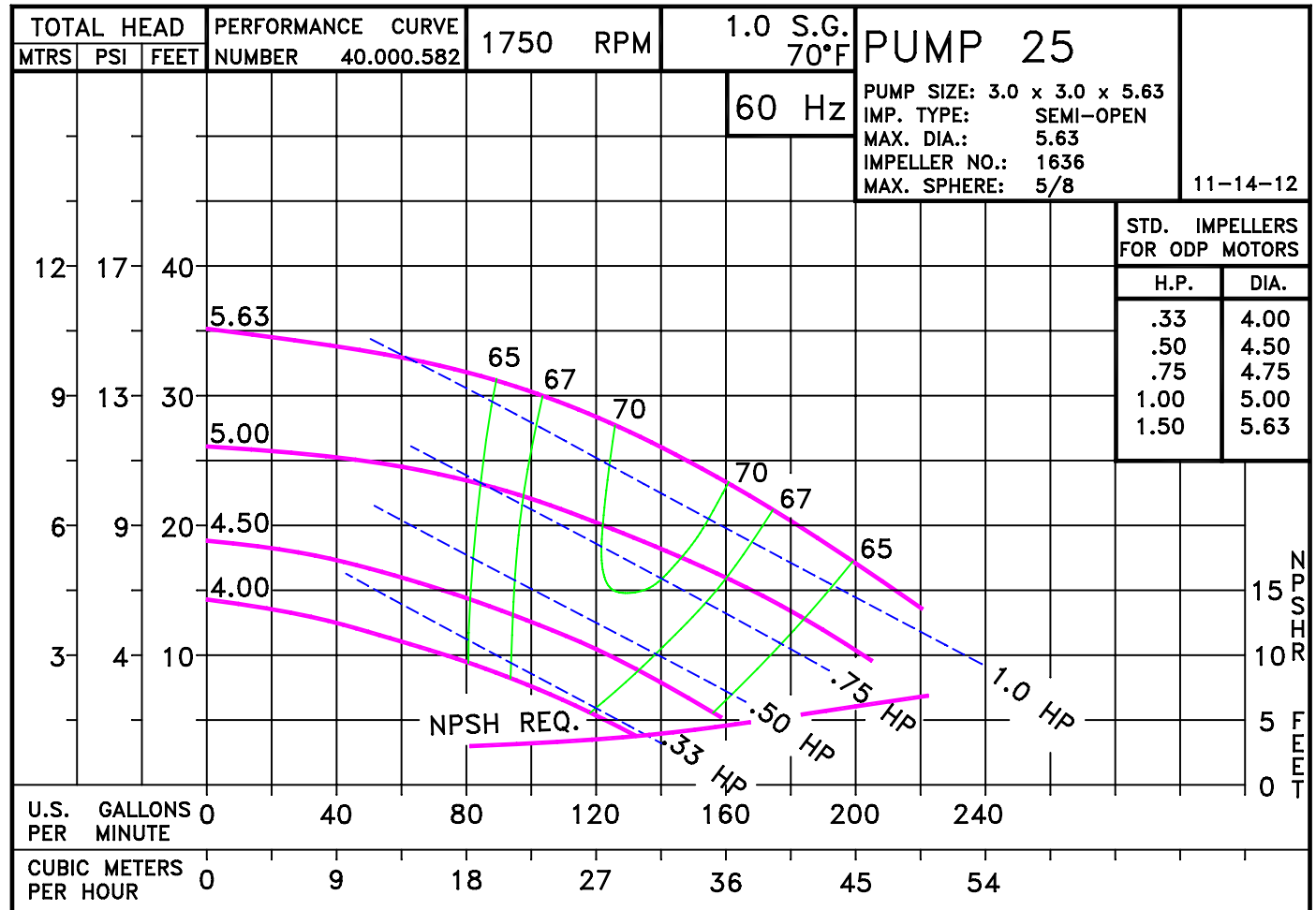
D025JM143DDP

DRAWING DEPICTS JM143 1.0HP ODP MOTOR



ALL DIMENSIONS IN INCHES.

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



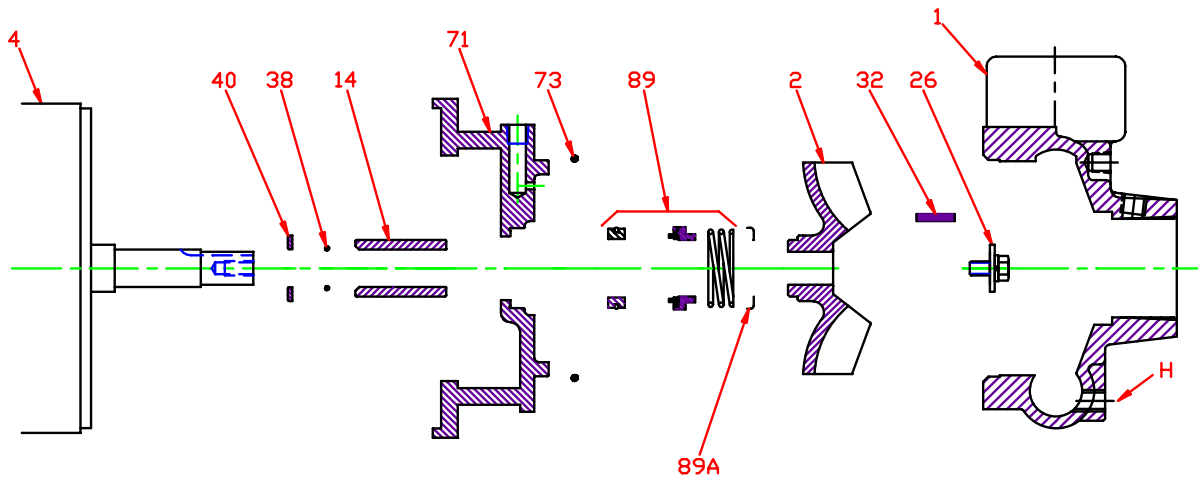
0253DP

D025JM143
0251750

25 JM

0251750JM
81.001.502 H16

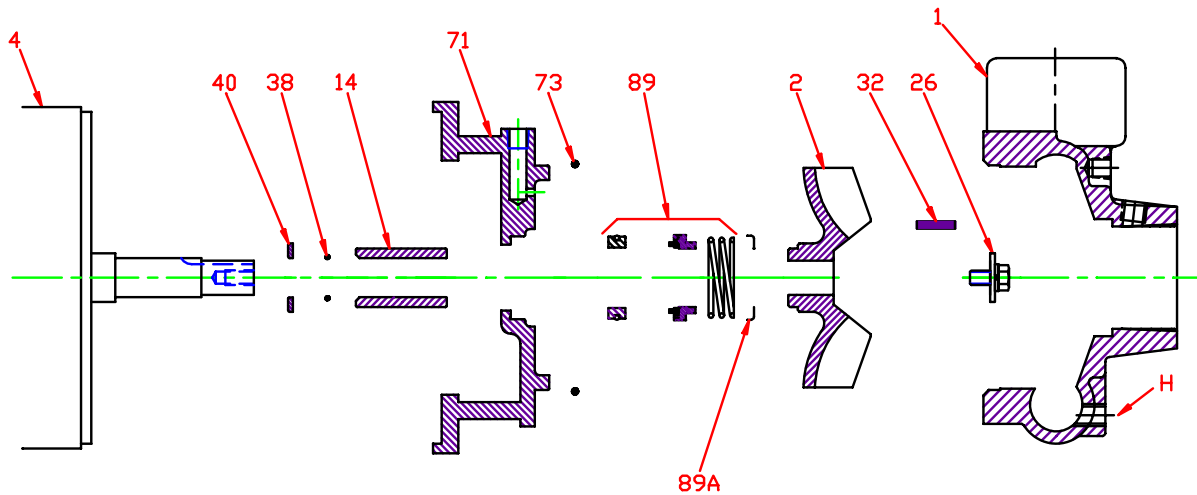
Pump 25 • Iron • JM Frame • 1750 RPM



KEY NO.	PART NAME	Pump No. 25
1	CASE, IRON, 3 x 3 NPT	130.000.224X
2	IMPELLER, 7/8" KEYED, SEMI-OPEN, SPECIFY DIAMETER: IRON BRONZE	137.000.342 131.000.807
4	MOTOR, JM140/180	See Chart
14*	SHAFT SLEEVE, BRONZE SHAFT SLEEVE, STAINLESS	110.000.178 110.000.192
26*	IMPELLER RETAINER, STAINLESS	118.000.111A
32*	KEY, STAINLESS	102.000.102
38*	O-RING, SHAFT, BUNA O-RING, SHAFT, VITON	116.000.117 116.000.105
40*	FLINGER, STAINLESS	104.000.165
71	ADAPTER, IRON, JM140/180	132.000.194X
73*	GASKET, CASE, BUNA	116.000.146
89*	1½" SEALS: BN-CARB/CM VN-CARB/CM VN-CARB/SIL VN-SIL/SIL EPDM-CARB/SIL EPDM-SIL/SIL	101.000.168 101.000.191 101.000.175 101.000.204 101.000.175B 101.000.204A
89A*	SEAL RETAINER	104.000.202
--	° REPAIR KITS: BN-CARB/CM SEAL VN-CARB/CM SEAL (S) VN-CARB/CM SEAL VN-CARB/SIL SEAL VN-SIL/SIL SEAL (S) EPDM-CARB/SIL SEAL EPDM-SIL/SIL SEAL	118.000.615 118.000.615A 118.000.615M 118.000.615B 118.000.615F 118.000.615D 118.000.615G

* 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.

Pump 25 • Iron • JM Frame • 1750 RPM



CONSTRUCTION OPTIONS				
KEY	PART NAME	STANDARD FITTED	BRONZE FITTED	ALL IRON
1	Case	Iron	Iron	Iron
2	Impeller	Iron	Bronze	Iron
14	Shaft Sleeve	Bronze	Bronze	Stainless
26	Imp. Retaining Ass'y	Stainless	Stainless	Stainless
32	Key	Stainless	Stainless	Stainless
38	Shaft O-Ring	BUNA	BUNA	BUNA
40	Flinger	Stainless	Stainless	Stainless
71	Adapter	Iron	Iron	Iron
73	Gasket, Case	BUNA	BUNA	BUNA
89	Mechanical Seal, Type 21 BN-CM	Standard	Standard	Standard
H	Plug, Drain	Brass	Brass	Plated Steel

E025JM

C11

C0251750JM