



A WILO COMPANY

MOTORPUMP™ — 3500 RPM

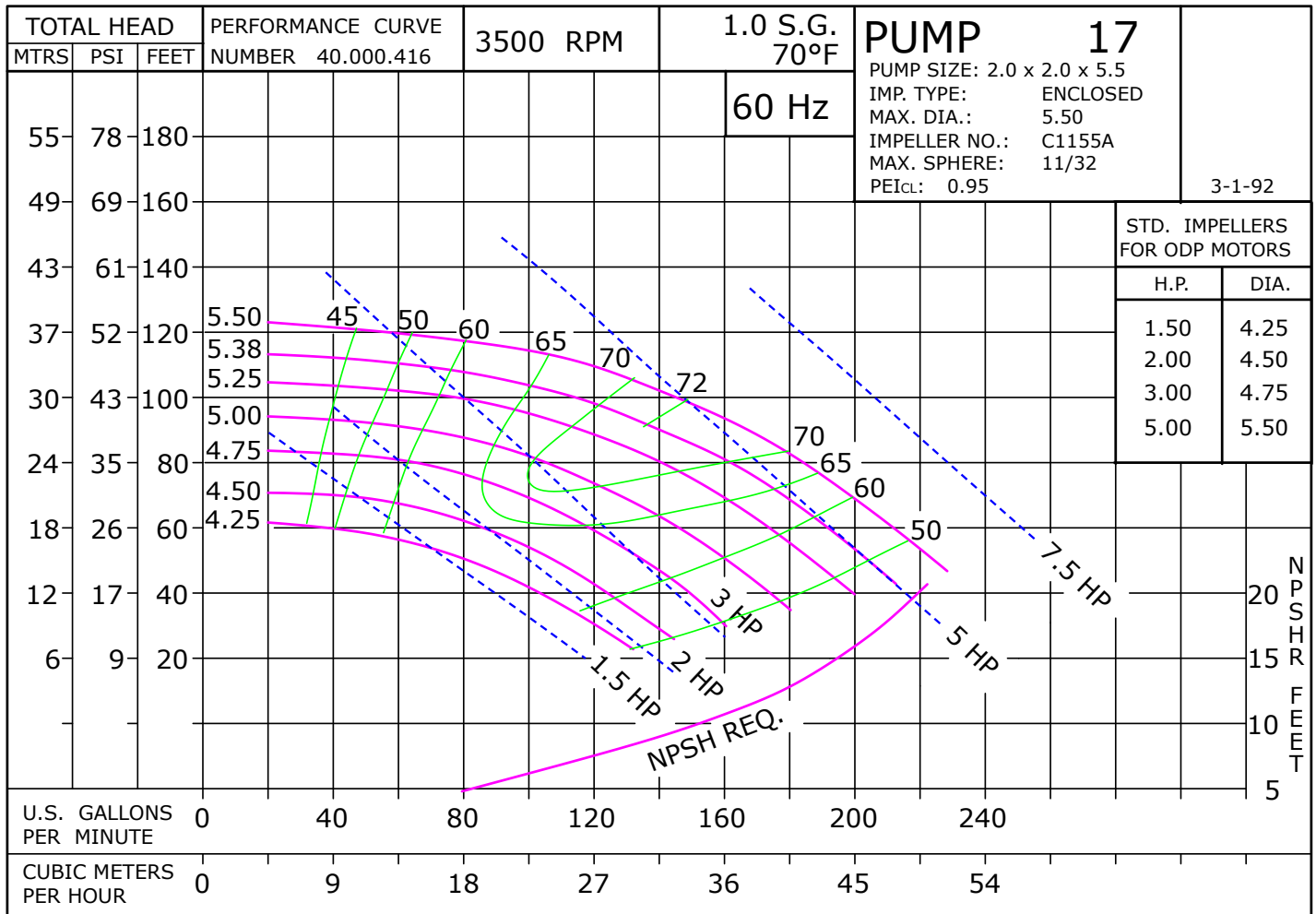
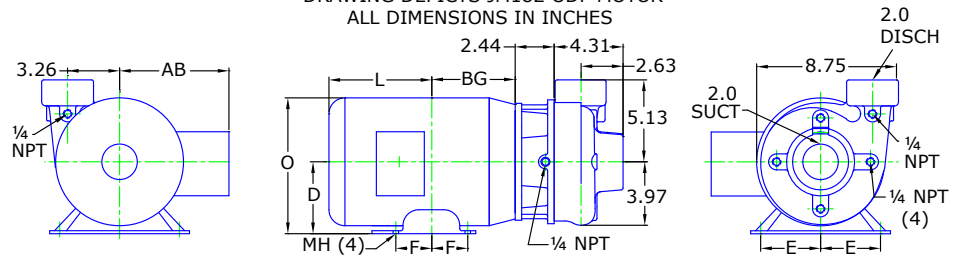
Iron, 60 Hz, 2 X 2 X 5.5 NPT

17 JM

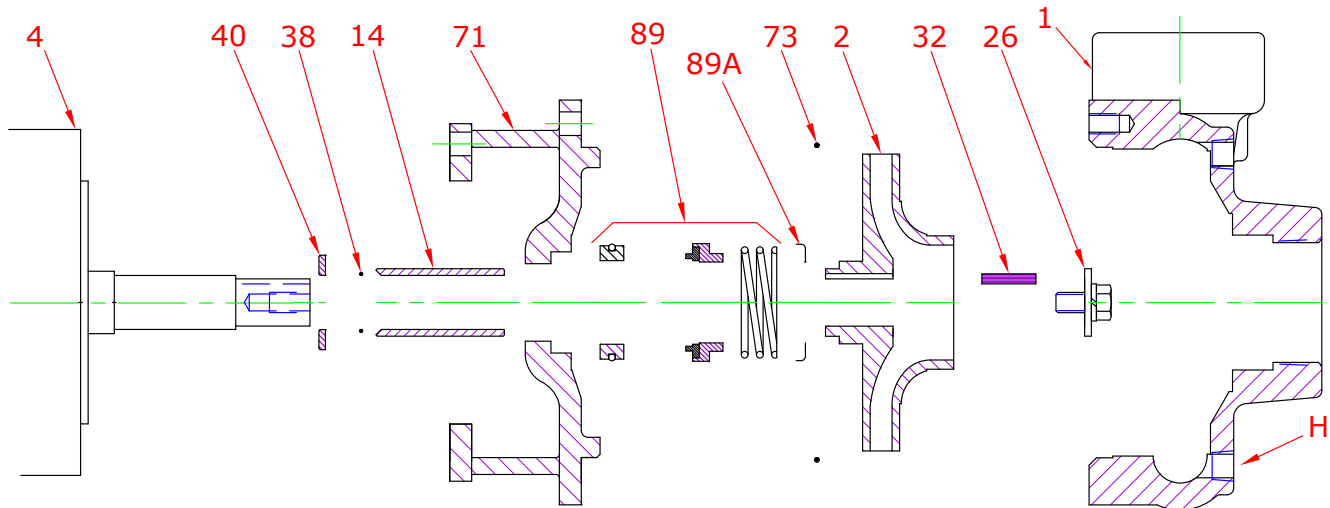


Motor Dimensions										
Nema Premium Efficient			Jm Frame		3 Phase		3500 Rpm			
HP	Type	Frame	D	E	F	O	AB	BG	L	MH
2, 3	ODP	JM145	3.50	2.75	2.50	6.77	5.61	5.38	4.12	0.34
5	ODP	JM182	4.50	3.75	2.25	8.44	6.74	5.75	5.12	0.41
7.5	ODP	JM184	4.50	3.75	2.25	8.44	6.74	5.75	6.56	0.41
2	TEFC	JM145	3.50	2.75	2.50	7.00	6.25	5.06	6.34	0.34
3	TEFC	JM182	4.50	3.75	2.25	8.85	7.57	5.01	7.14	0.41
5, 7.5	TEFC	JM184	4.50	3.75	2.75	9.34	7.57	5.51	7.64	0.41

DRAWING DEPICTS JM182 ODP MOTOR
ALL DIMENSIONS IN INCHES



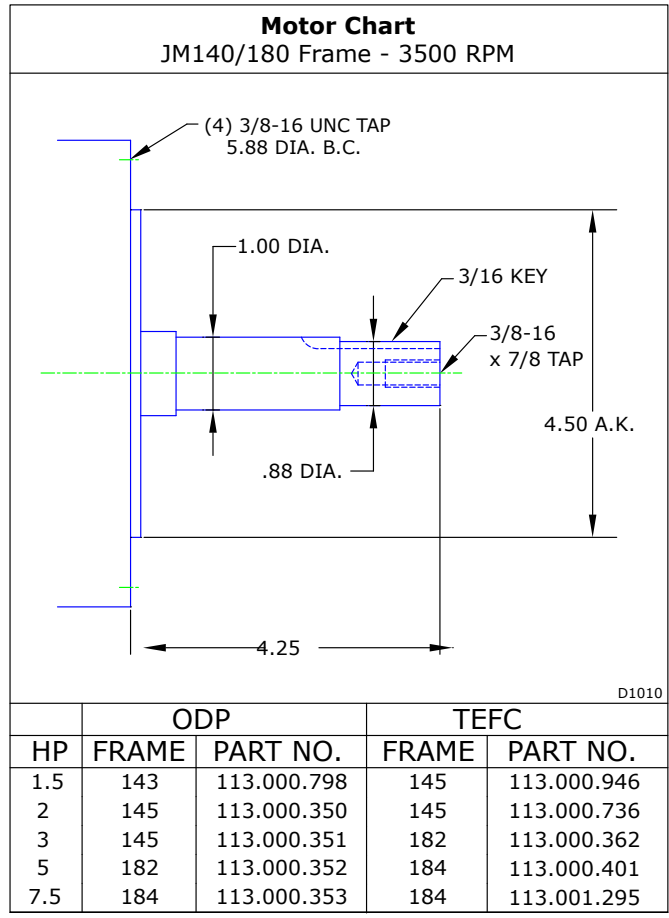
Parts



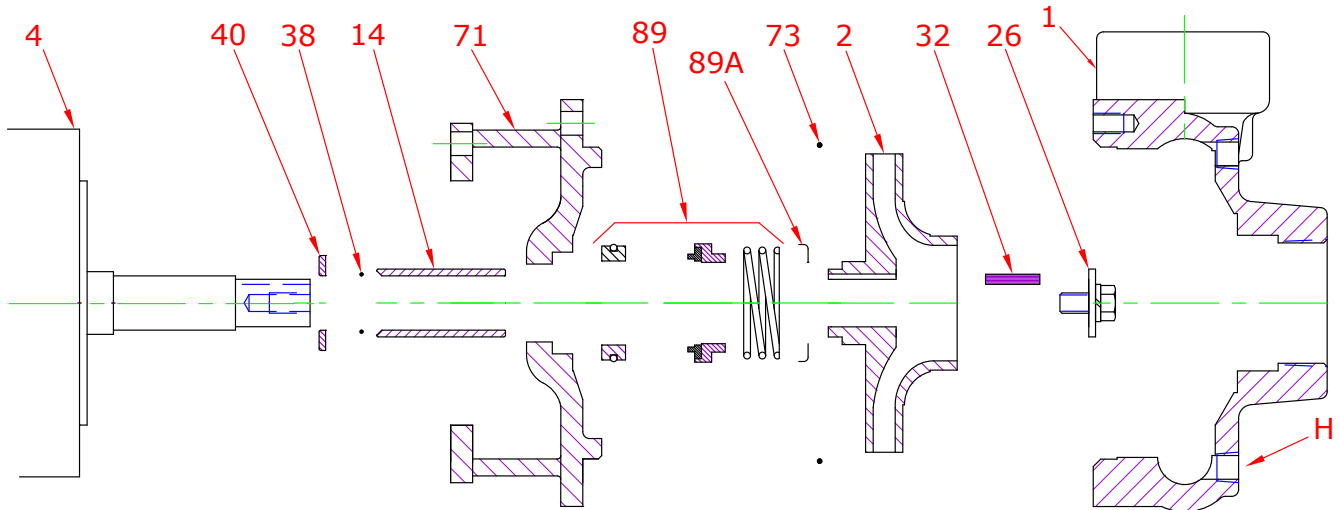
Key No.	Part Name	Part Number
1	Case 17, Iron, 2.00 X 2.00 NPT Brass plugs	130.000.168X
2	Impeller 17/27, Bronze, Specify Dia., 5.50 Max 7/8" Key	131.000.806
	Impeller 17/27, CIBF Specify Dia., 5.50 Max 7/8" Key	131.000.823
	Impeller 17/27, Iron, Specify Dia., 5.50 Max 7/8" Key	137.000.128
4	Motor chart, JM140/180	See Chart
14*	Shaft sleeve, Bronze	110.000.178
	Shaft sleeve, Stainless	110.000.192
26*	Impeller retaining assembly, Stainless	118.000.111A
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
71	Adapter, Iron, JM140/180 1-1/2" Seal, Brass plug	132.000.194X
73*	Gasket, Case, Buna	116.000.146
89*	Seal, 1-1/2", Type 21, BN-CARB/CM	101.000.168
	Seal, 1-1/2", Type 21, EPDM-CARB/SIL	101.000.175B
	Seal, 1-1/2", Type 21, EPDM-SIL/SIL	101.000.204A
	Seal, 1-1/2", Type 21, VN-CARB/CM	101.000.191
	Seal, 1-1/2", Type 21, VN-CARB/SIL	101.000.175
	Seal, 1-1/2", Type 21, VN-SIL/SIL	101.000.204
89A*	Seal spring retainer, Stainless	104.000.175
KIT	Repair Kit, 1-1/2" BN-CARB/CM Seal, Brz sleeve, BN O-ring	118.000.343
	Repair Kit, 1-1/2" EPDM-CARB/SIL Seal, Brz sleeve, BN O-ring	118.000.343D
	Repair Kit, 1-1/2" EPDM-SIL/SIL Seal, Brz sleeve, BN O-ring	118.000.343J
	Repair Kit, 1-1/2" VN-CARB/CM Seal, Brz sleeve, BN O-ring	118.000.343M
	Repair Kit, 1-1/2" VN-CARB/CM Seal, Stn sleeve, VN O-ring	118.000.343A
	Repair Kit, 1-1/2" VN-CARB/SIL Seal, Brz sleeve, BN O-ring	118.000.343B
	Repair Kit, 1-1/2" VN-SIL/SIL Seal, Stn sleeve, VN O-ring	118.000.343F

* Denotes components included in repair kit.

Motor Charts



Construction Options



Construction Options				
Key	Part Name	Standard Fitted	Bronze Fitted	All Iron
1	Case	Iron	Iron	Iron
2	Impeller	CIBR	Bronze	Iron
14	Shaft Sleeve	Bronze	Bronze	Stainless
26	Impeller Retaining Assembly	Stainless	Stainless	Stainless
32	Key	Stainless	Stainless	Stainless
38	O-Ring, Shaft	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
89A	Seal Retainer	Stainless	Stainless	Stainless
H	Plug, Drain	Brass	Brass	Plated Steel

CIBR: Cast iron with brass wear ring