



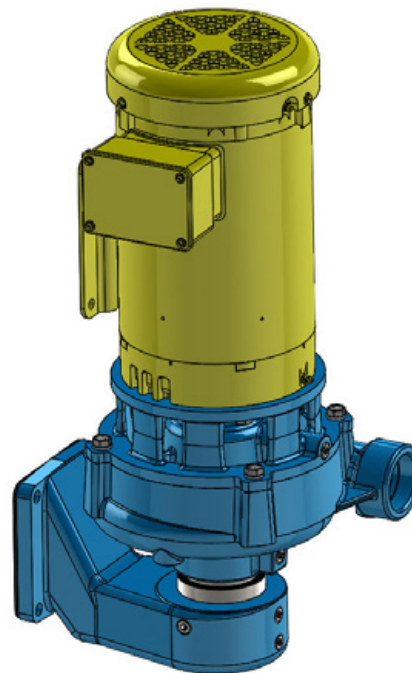
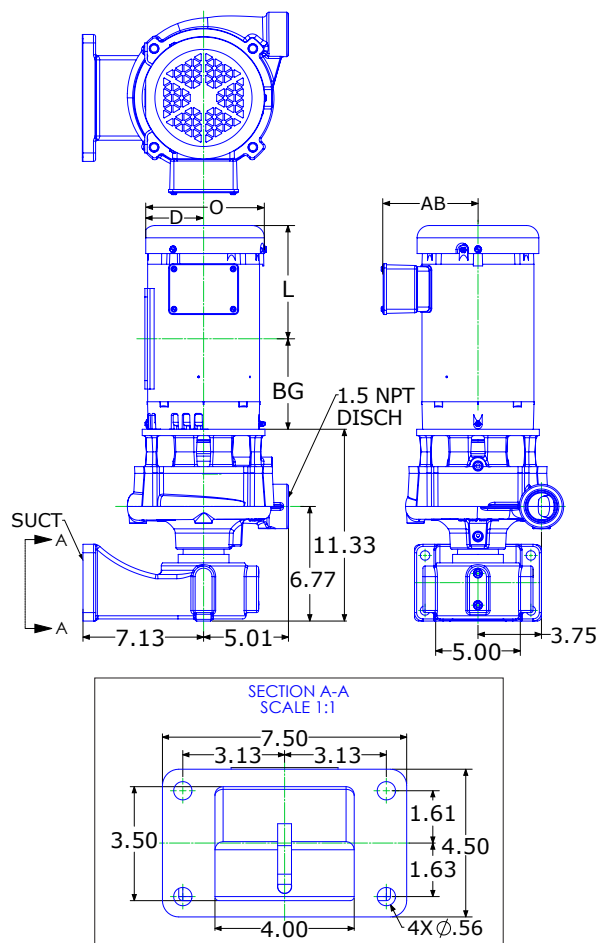
A WILO BRAND

MOTORPUMP™ — 3500 RPM

Iron, 60 Hz, 7.5" X 4.5" Flange X 1.5 NPT

701 JM

AVF 701

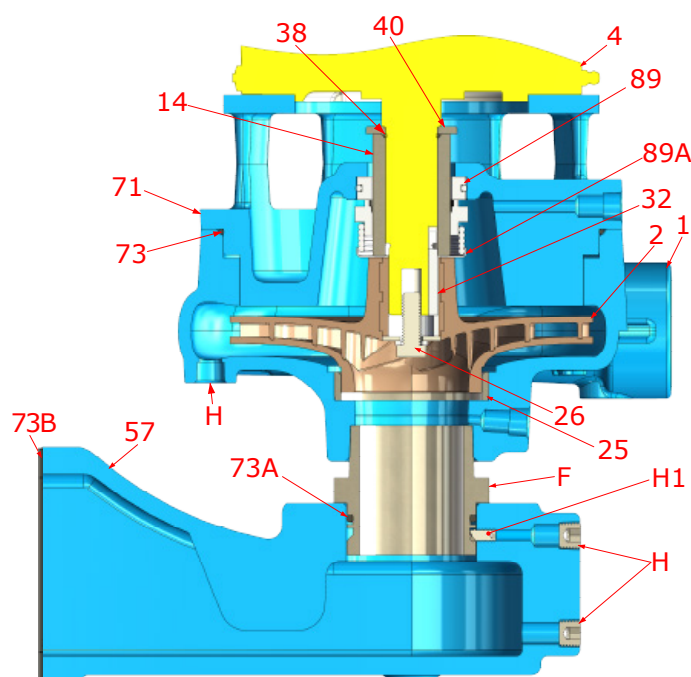


Motor Dimensions

NEMA	Premium Efficient	JM Frame	3 Phase	3500 RPM			
HP	Type	Frame	D	O	AB	BG	L
2, 3	ODP	JM145	3.50	6.77	5.61	5.38	4.12
5	ODP	JM182	4.50	8.44	6.74	5.75	5.12
7.5	ODP	JM184	4.50	8.44	6.74	5.75	6.56
2	TEFC	JM145	3.50	7.00	6.25	5.06	6.34
3	TEFC	JM182	4.50	8.85	7.57	5.01	7.14
5, 7.5	TEFC	JM184	4.50	9.34	7.57	5.51	7.64

Construction Options

Key	Part Name	Standard Fitted	All Iron
1	Case	Iron	Iron
2	Impeller	PPS-GF	PPS-GF
14	Shaft Sleeve	Bronze	Stainless
25	Wear Ring	Bronze	Steel
26	Impeller Retaining Assembly	Stainless	Stainless
32	Key	Stainless	Stainless
38	O-Ring, Shaft	Buna	Buna
40	Flinger	Stainless	Stainless
57	Adapter	Iron	Iron
71	Adapter	Iron	Iron
73	Gasket, Case	Buna	Buna
73A	Gasket, Case Suction	Buna	Buna
73B	Gasket, Flange	Buna	Buna
89	Mechanical Seal, Type 21 BN-CM	Standard	Standard
89A	Seal Retainer	Stainless	Stainless
F	Coupling	Steel	Steel
H	Plug, Drain	Brass	Plated Steel
H1	Set Screw	Steel	Steel





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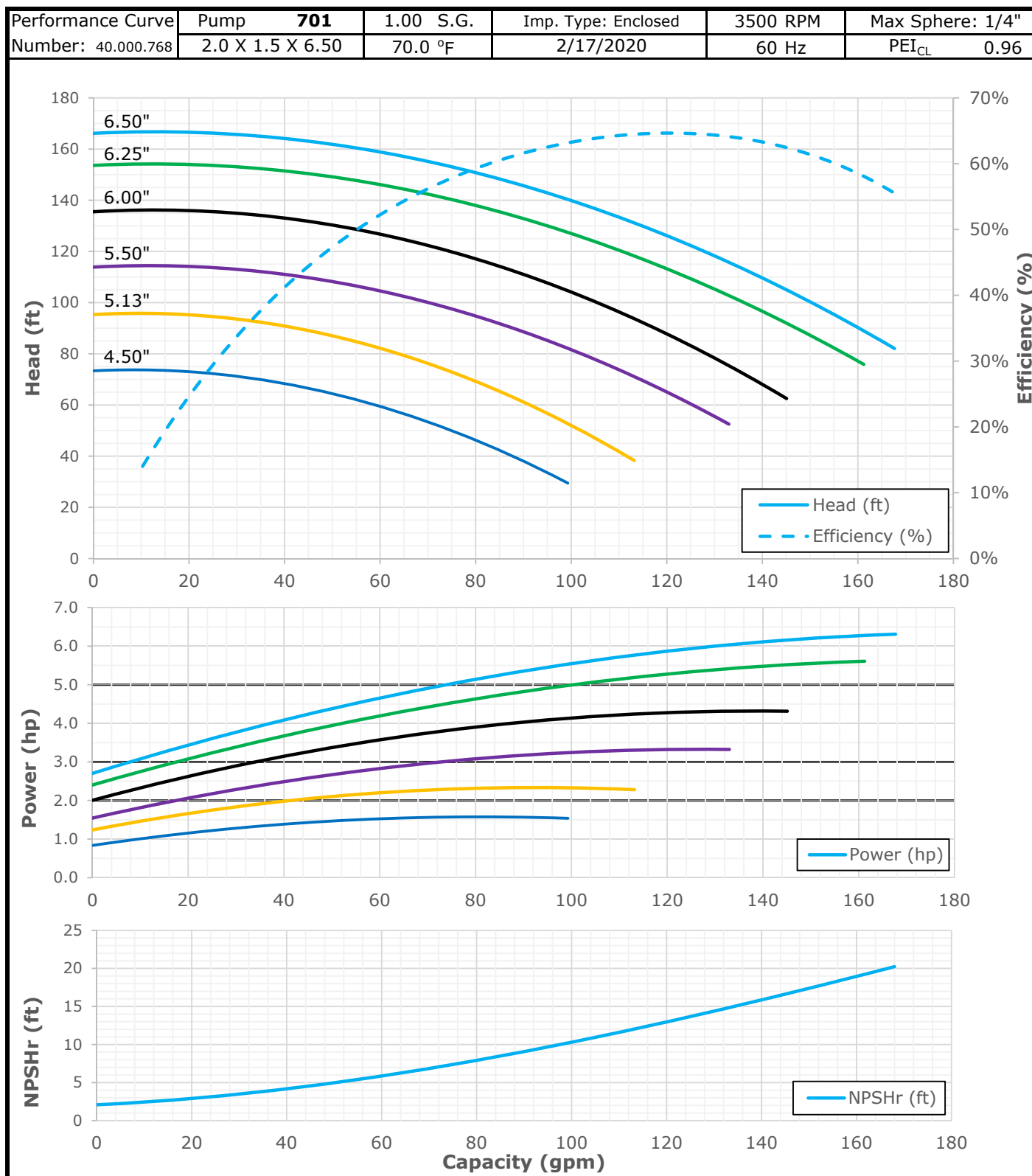
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Performance Curve





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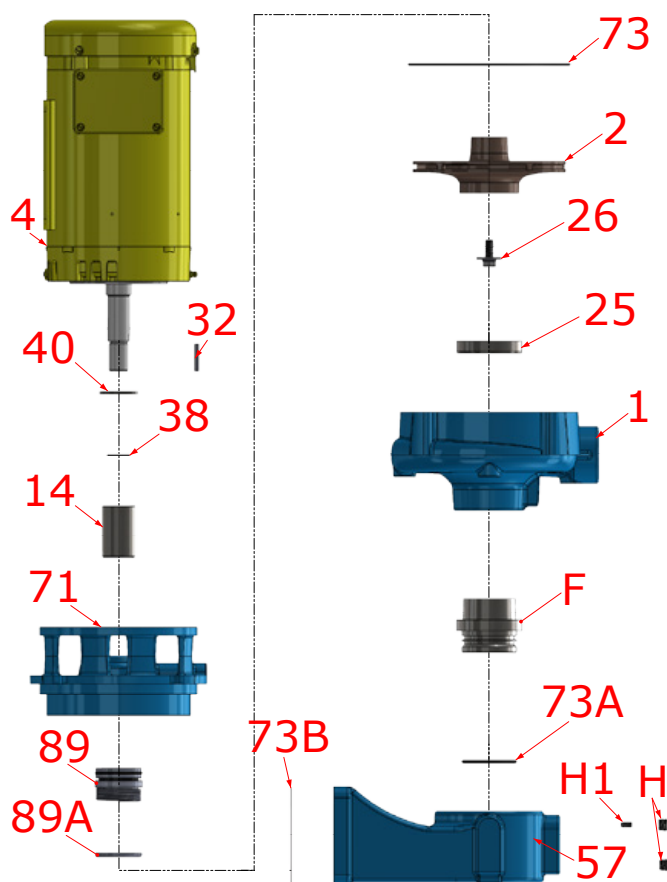
MOTORPUMP™ — 3500 RPM

Iron, 60 Hz, 7.5" X 4.5" Flange X 1.5 NPT

701 JM

AVF 701

Parts



Key	Part Name	Part Number
1+	Case 701/702, Iron, 2.0X1.5 NPT Brnz wear ring & plugs Requires suction fitting (Key#F) and suction gasket (Key#73A)	3301059X2
2	Impeller 701, PPS-GF, Specify Dia., 6.50 Max 7/8" Key	3301109
4	Motor chart, JM140/180	See Chart
14*	Shaft sleeve, Bronze	110.000.178
	Shaft sleeve, Stainless	110.000.192
25	Wear ring, Bronze	3301115
	Wear ring, Steel	3301114
26*	Impeller retaining assembly, Stainless	118.000.680
32*	Key, Stainless	137.003.137
38*	O-ring, Shaft, Buna	116.000.117
	O-ring, Shaft, Viton	116.000.105
40*	Flinger, Stainless	104.000.256
57	Flange, Iron, 7.5" x 4.5" Includes flange gasket (Key#73B), set screws (Key#H1), & plugs (Key#H)	132.000.197X
71	Adapter, Iron, JM140/180 1-1/2" Seal, with Brass plug	3301081X
73*	Gasket, Case, Buna	137.003.117
73A	Gasket, Case suction, Buna	116.000.148
73B	Gasket, Flange	116.000.126
F	Coupling, Steel	110.000.209
H	Pipe Plug (4)	106.000.284
H1	Set Screw (3)	105.000.311
89*	Seal, 1.5" Type 21, BN-CARB/CM	101.000.168
	Seal, 1.5" Type 21, EPDM-CARB/SIL	101.000.175B
	Seal, 1.5" Type 21, EPDM-SIL/SIL	101.000.204A
	Seal, 1.5" Type 21, VN-CARB/CM	101.000.191
	Seal, 1.5" Type 21, VN-CARB/SIL	101.000.175
	Seal, 1.5" Type 21, VN-SIL/SIL	101.000.204
89A*	Seal spring retainer, Stainless	104.000.174
KIT	Repair Kit, 1.5" BN-CARB/CM Seal, Brz sleeve, BN O-ring	118.000.681
	Repair Kit, 1.5" EPDM-CARB/SIL Seal, Brz sleeve, BN O-rng	118.000.681C
	Repair Kit, 1.5" EPDM-SIL/SIL Seal, Brz sleeve, BN O-ring	118.000.681D
	Repair Kit, 1.5" VN-CARB/CM Seal, Brz sleeve, BN O-ring	118.000.681K
	Repair Kit, 1.5" VN-CARB/CM Seal, Stn sleeve, VN O-ring	118.000.681A
	Repair Kit, 1.5" VN-CARB/SIL Seal, Brz sleeve, BN O-ring	118.000.681B
	Repair Kit, 1.5" VN-SIL/SIL Seal, Stn sleeve, VN O-ring	118.000.681F

* Denotes components included in repair kit.

+ Includes bronze wear ring. For steel, replace suffix "X2" with "X3".



MOTORPUMP™ — 3500 RPM
Iron, 60 Hz, 5" Flange X 1.5 X 7.5 NPT

701 JM
AVF 701

Motor Charts

