



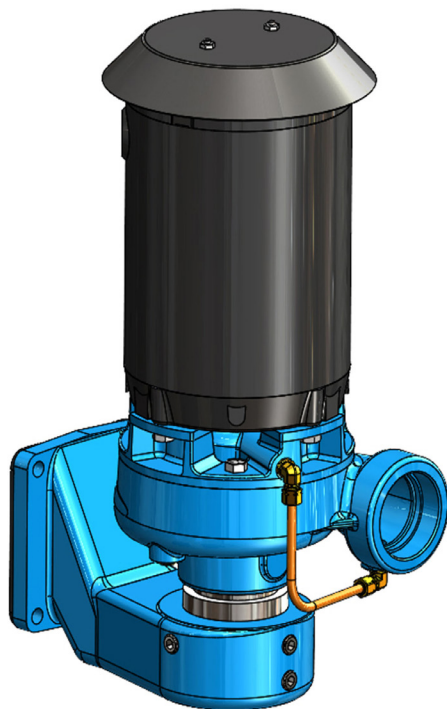
A WILO COMPANY

MOTORPUMP™ — 3500 RPM

Iron, 60 Hz, 5" Flange X 2 X 4.38 NPT

471 J56

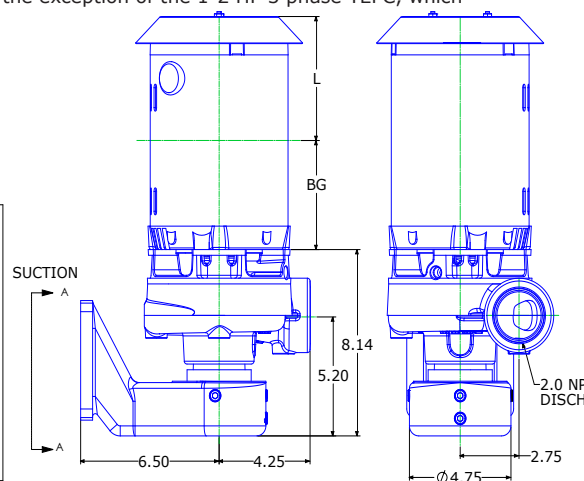
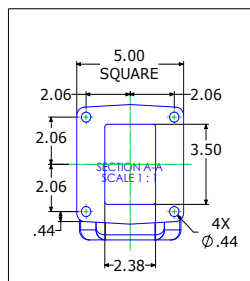
WVF 471



Motor Dimensions							
NEMA J56 Frame 3500 RPM							
HP	Type	3 Phase			1 Phase		
		L	O	AB	L	O	AB
0.50	ODP	8.26	6.46	3.32	9.06	8.37	3.25
0.75	ODP	8.65	6.46	3.32	9.56	8.37	3.25
1.0	ODP	8.65	6.46	3.32	9.81	8.37	3.25
1.5	ODP	9.04	6.46	3.32	10.31	8.37	3.25
2.0	ODP	9.44	6.46	3.32	10.31	8.37	3.25
3.0	ODP	10.22	6.46	3.32	10.84	8.37	3.25
5.0	ODP	12.19	6.72	3.23	-	-	-
0.50	TEFC	9.48	7.33	5.87	9.43	8.10	5.31
0.75	TEFC	9.48	7.33	5.87	9.43	8.10	5.31
1.0	TEFC	10.27	7.33	5.87	10.59	8.10	5.31
1.5	TEFC	11.06	7.33	5.87	10.59	8.10	5.31
2.0	TEFC	11.85	7.33	5.87	11.77	8.10	5.31
3.0	TEFC	13.03	7.33	5.87	12.16	8.10	5.31
5.0	TEFC	15.37	9.22	6.70	-	-	-

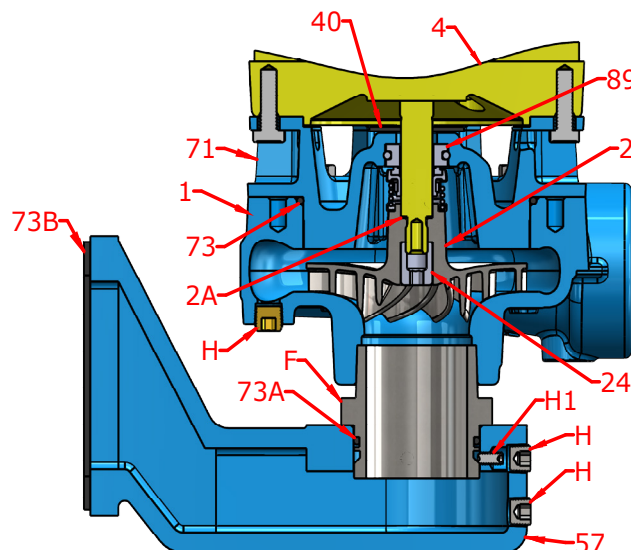
Motors are Standard Efficient with the exception of the 1-2 HP 3 phase TEFC, which are Premium Efficient.

Note: 5HP suction height is 4.50"



Construction Options

Key	Part Name	Standard Fitted	All Iron
1	Case	Ductile Iron	Ductile Iron
2	Impeller	304SS	304SS
2A	Shim	304SS	304SS
24	Impeller Locknut	Stainless	Stainless
40	Flinger	Neoprene	Neoprene
53	Base	Steel	Steel
57	Flange, Adapter	Iron	Iron
71	Adapter	Ductile Iron	Ductile Iron
73	Gasket, Case	Buna	Buna
73A	Gasket, Case Suction	Buna	Buna
73B	Gasket, Flange	Buna	Buna
89	Mechanical Seal, Type 6 BN-CM	Standard	Standard
F	Coupling	Steel	Steel
H	Plug, Drain	Brass	Plated Steel
H1	Set Screw	Steel	Steel



471WVFJ56ASSY

D471WVFJ56

C012J56

S471WVFJ56

C21

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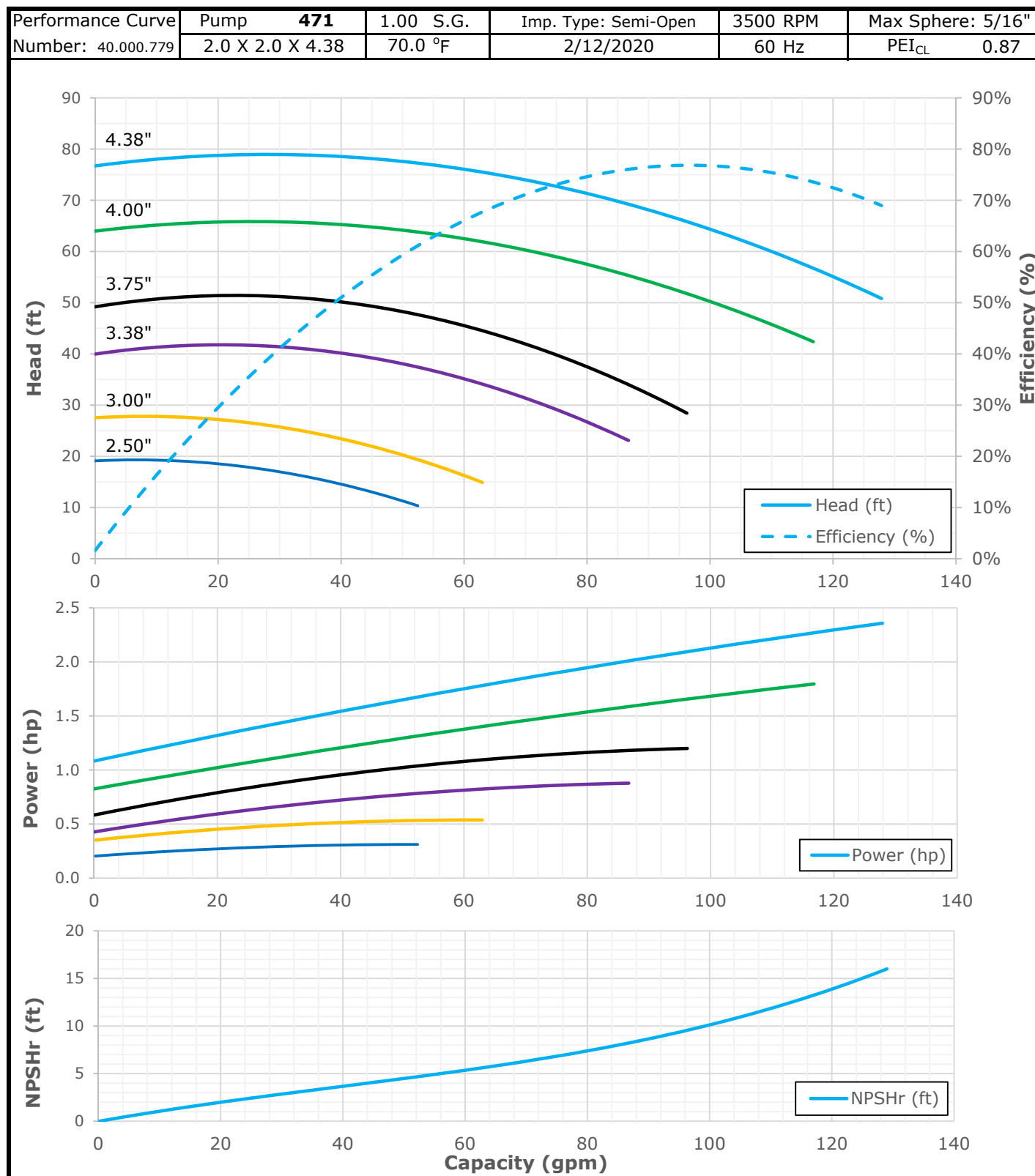
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Performance Curve





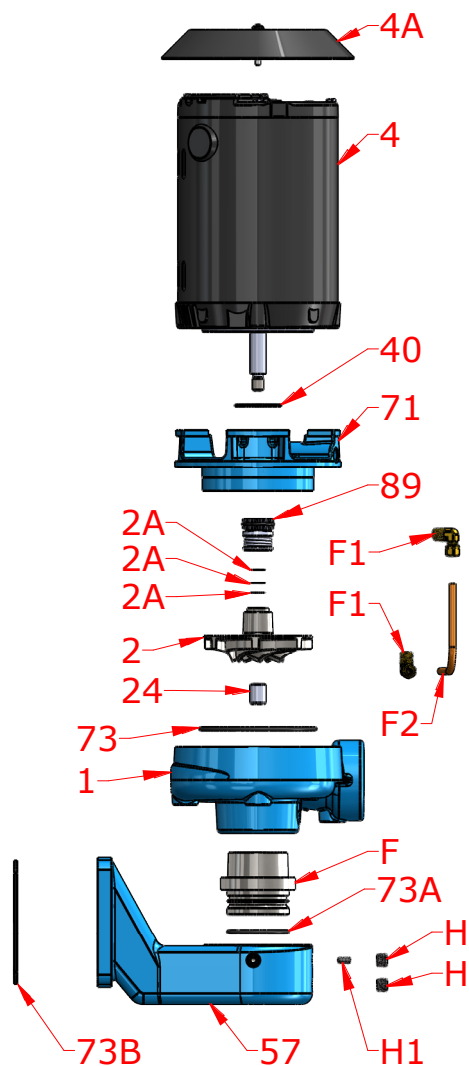
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Parts



Key	Part Name	Part Number
1	Case 471, Ductile Iron, 2.00 X 2.00 NPT Brass Fitting and Plugs	3301099X2
2	Impeller 471, 304SS, Specify Dia, 4.37 Max 7/16" Thrd	3301112
2A	Shim, 304SS, .005"	137.002.766
	Shim, 304SS, .010"	137.002.767
4	Motor chart, J56 3.5" Rigid Base	See Chart
	Motor chart, J56 Round Body	See Chart
24*+	Nut, Stainless	110.000.190
40*	Flinger, Neoprene	104.000.171
57	Flange, Iron, 5" x 5" Includes flange gasket (Key #H1), & plugs (Key #H)	132.000.206X
71	Adapter, Ductile Iron, J56, 5/8" Seal, with Fitting	3301102X2
73*	Gasket, Case, Buna	116.000.141
73A	Gasket, Case, Buna	116.000.148
73B	Gasket, Flange	116.000.156
F	Fitting, Steel	110.000.209
H	Pipe Pug, Steel (4)	106.000.284
H1	Set Screw (3)	105.000.311
89*	Seal, 5/8", Type 21, EPDM-CARB/CM, With retainer	101.000.327
	Seal, 5/8", Type 21, EPDM-CARB/SIL, With retainer	101.000.173
	Seal, 5/8", Type 21, EPDM-SIL/SIL, With retainer	101.000.236
	Seal, 5/8", Type 21, VN-CARB/CM, With retainer	101.000.103
	Seal, 5/8", Type 21, VN-CARB/SIL, With retainer	101.000.120
	Seal, 5/8", Type 21, VN-SIL/SIL, With retainer	101.000.239
	Seal, 5/8", Type 6, BN-CARB/CM, No retainer	101.000.110
KIT		3 Phase:
	Repair Kit, 5/8" BN-CARB/CM Seal	118.000.686
	Repair Kit, 5/8" EPDM-CARB/CM Seal	118.000.686G
	Repair Kit, 5/8" EPDM-CARB/CM Seal	118.000.686C
	Repair Kit, 5/8" EPDM-SIL/SIL Seal	118.000.686D
	Repair Kit, 5/8" VN-CARB/CM Seal	118.000.686A
	Repair Kit, 5/8" VN-CARB/SIL Seal	118.000.686B
	Repair Kit, 5/8" VN-SIL/SIL Seal	118.000.686F
		1 Phase:
	Repair Kit, 5/8" BN-CARB/CM Seal	118.000.686.1
	Repair Kit, 5/8" EPDM-CARB/CM Seal	118.000.686D.1
	Repair Kit, 5/8" EPDM-CARB/CM Seal	118.000.686G.1
	Repair Kit, 5/8" EPDM-SIL/SIL Seal	118.000.686C.1
	Repair Kit, 5/8" VN-CARB/CM Seal	118.000.686A.1
	Repair Kit, 5/8" VN-CARB/SIL Seal	118.000.686B.1
	Repair Kit, 5/8" VN-SIL/SIL Seal	118.000.686F.1

* Denotes components included in repair kit.

+ Not required on 1/3 to 1-1/2 HP 1 phase motors.

Use 3 phase kits on 2-3 HP 1 phase motors.



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Motor Charts

Motor Chart							
J56 Frame, Round Body - 3500 RPM - 1 & 3 Phase							
1 PHASE 60 Hz 3500 RPM				3 PHASE 60 Hz 3500 RPM			
115/230V			208-230/460V			575V	
HP	ODP	TEFC	HP	ODP	TEFC	ODP	TEFC
1/3	113.000.101	REPLACED BY 3.5" RIGID BASE	1/3	113.000.365	REPLACED BY 3.5" RIGID BASE	REPLACED BY 3.5" RIGID BASE	- -
1/2	113.000.102		1/2	113.000.366			113.000.506
3/4	113.000.103		3/4	113.000.354			113.000.502
1	113.000.104		1	113.000.372			113.000.469
1.5	113.000.143		1.5	113.000.360			113.000.411
2	113.000.348		2	113.000.349			113.000.562
3	113.000.581		3	113.000.368			113.001.347

Motor Chart							
J56 Frame, 3.5" Rigid Base - 3500 RPM - 1 & 3 Phase							
1 PHASE 60 Hz 3500 RPM				3 PHASE 60 Hz 3500 RPM			
115/230V			208-230/460V			575V	
HP	ODP	TEFC	HP	ODP	TEFC	ODP	TEFC
1/3	113.000.880	137.001.633	1/3	- -	- -	- -	- -
1/2	113.000.116	113.000.929	1/2	113.000.118	113.001.154	137.001.634	113.001.211
3/4	137.001.439	113.000.167	3/4	137.001.080	137.001.223	137.001.635	137.002.416
1	137.001.097	137.001.352	1	137.001.081	137.001.232	137.001.636	137.002.548
1.5	137.001.658	137.001.538	1.5	137.001.069	113.000.409	137.001.456	137.002.409
2	137.001.671	137.001.204	2	137.001.052	137.001.211	137.001.637	137.001.774
3	137.001.672	137.001.539	3	137.001.082	137.001.188	137.001.503	137.002.544