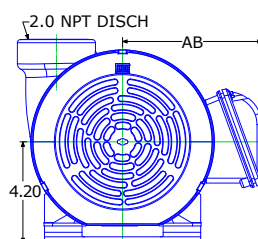
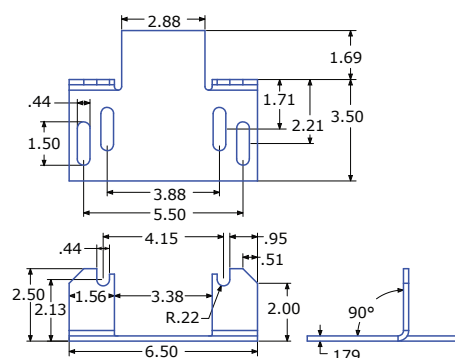
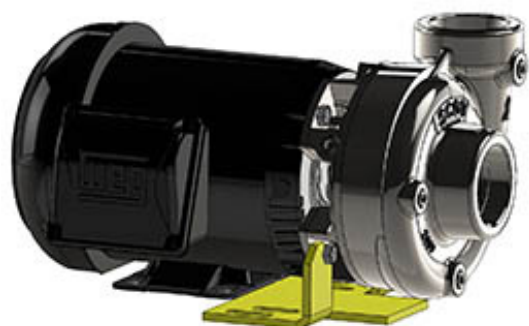
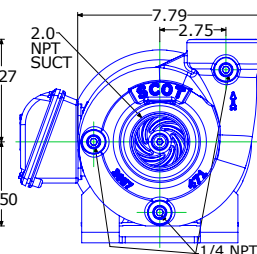
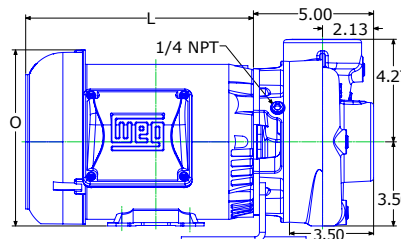




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MOTORPUMP™ — 3500 RPM

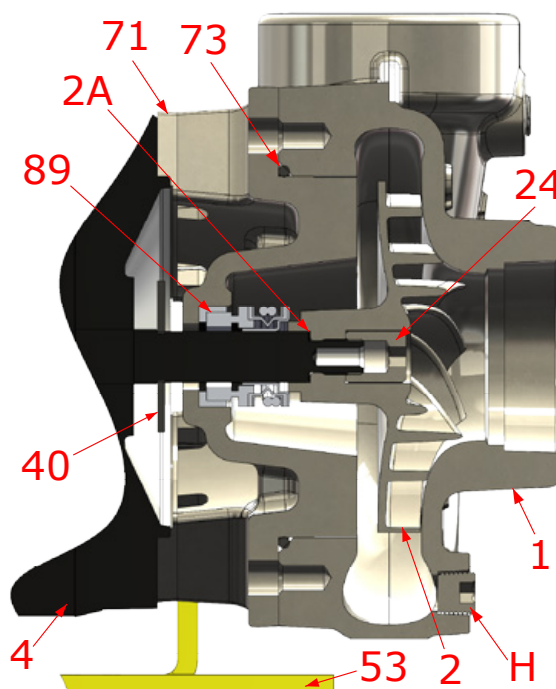
304SS, 60 Hz, 2 X 2 X 4.38 NPT

471S J56DRAWING DEPICTS 3HP TEFC J56 MOTOR
ALL DIMENSIONS IN INCHES

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

Construction Options

Key	Part Name	Stainless
1	Case	304SS
2	Impeller	304SS
24	Impeller Locknut	304SS
40	Flinger	Neoprene
53	Base	Steel
71	Adapter	304SS
73	Gasket, Case	Buna
89	Mech Seal, Type 6 BN-CARB/CM	Standard
H	Plug, Drain	Stainless





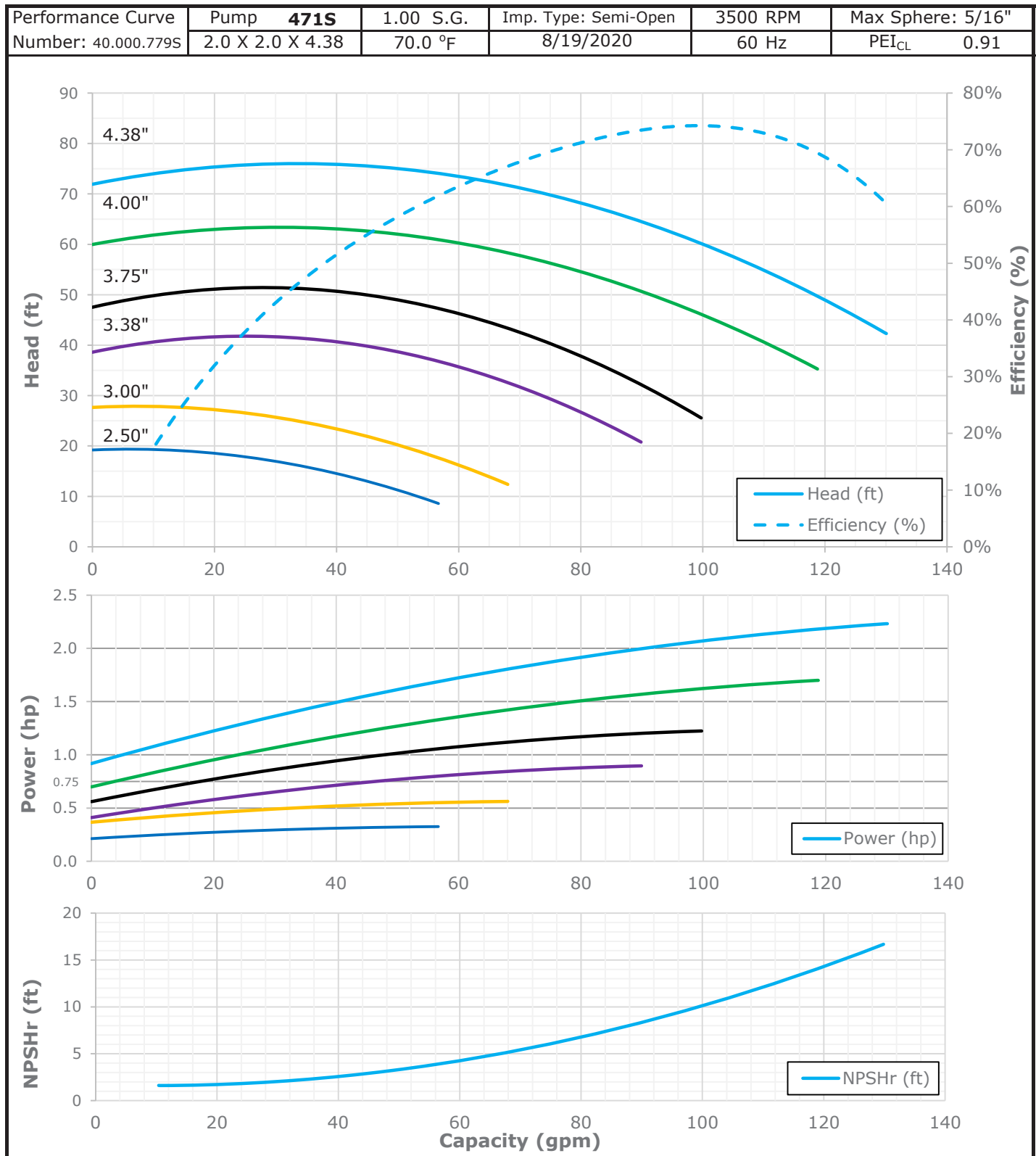
A WILO BRAND

MOTORPUMP™ — 3500 RPM

304SS, 60 Hz, 2 X 2 X 4.38 NPT

471S J56

Performance Curve





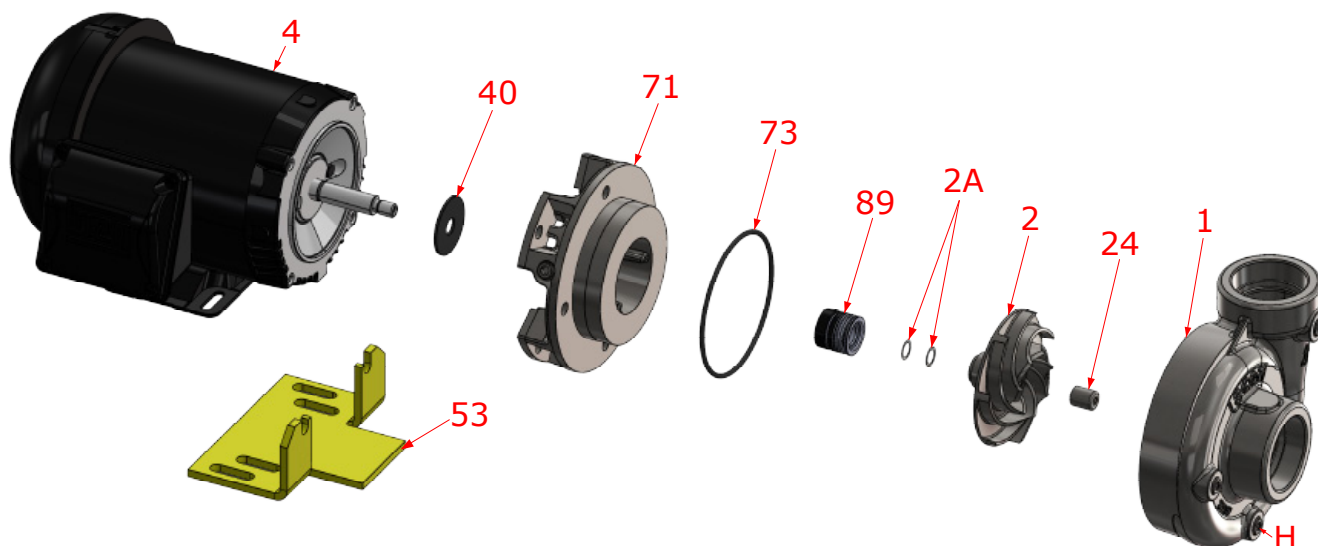
A WILO BRAND

MOTORPUMP™ — 3500 RPM

304SS, 60 Hz, 2 X 2 X 4.38 NPT

471S J56

Parts



Key	Part Name	Part Number	
1	Case 471S, 304SS, 2.00 X 2.00 NPT Stainless plugs	3301215X	
2	Impeller 471, 304SS, Specify Dia., 4.38 Max, 7/16" Thrd	3301112	
2A	Shim, 301SS, 0.005" Thick	137.002.766	
	Shim, 301SS, 0.010" Thick	137.002.767	
4	Motor chart, J56 3.5" Rigid Base	See Chart	
	Motor chart, J56 Round Body	See Chart	
24*+	Locknut, Stainless, Socket Head	110.000.190	
40*	Flinger, Neoprene	104.000.171	
53	Base, Steel	3301100	
71	Adapter, 304SS, J56, 5/8" Seal, with Stainless plug	3301216X	
73*	Gasket, Case, Buna	116.000.141	
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:	1 Phase:
	Repair Kit, 5/8" BN-CARB/CM Seal	118.000.686	118.000.686.1
	Repair Kit, 5/8" EPDM-CARB/CM Seal	118.000.686G	118.000.686G.1
	Repair Kit, 5/8" EPDM-CARB/SIL Seal	118.000.686C	118.000.686C.1
	Repair Kit, 5/8" EPDM-SIL/SIL Seal	118.000.686D	118.000.686D.1
	Repair Kit, 5/8" VN-CARB/CM Seal	118.000.686A	118.000.686A.1
	Repair Kit, 5/8" VN-CARB/SIL Seal	118.000.686B	118.000.686B.1
	Repair Kit, 5/8" VN-SIL/SIL Seal	118.000.686F	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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MOTORPUMP™ — 3500 RPM

304SS, 60 Hz, 2 X 2 X 4.38 NPT

471S J56

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	137.001.548
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
5	- -	- -	5	137.001.134	- -	- -	- -

D1009
D1367
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