



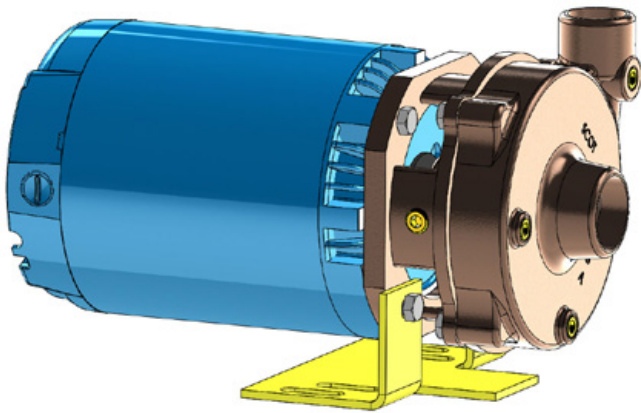
A WILO BRAND

MOTORPUMP™ — 3500 RPM

Bronze, 60 Hz, 1.25 X 1 X 5.63 NPT

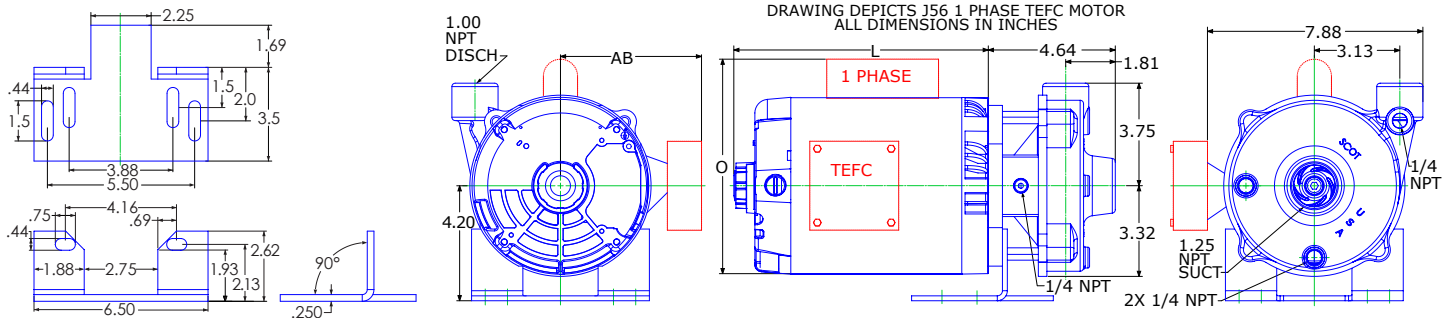
11BD

J56



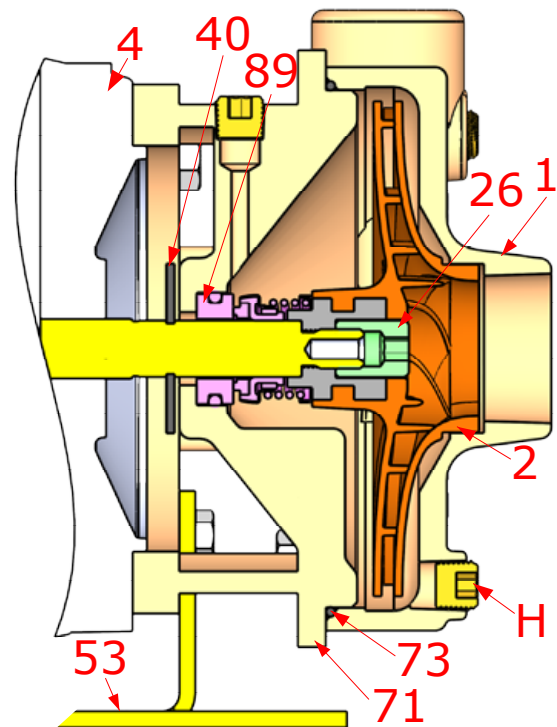
Motor Dimensions								
NEMA J56 Frame 3500 RPM								
HP	Type	3 Phase			1 Phase			
		L	O	AB	L	O	AB	
0.50	ODP	8.26	6.46	3.32	9.06	8.37	3.25	
0.75	ODP	8.65	6.46	3.32	9.56	8.37	3.25	
1.0	ODP	8.65	6.46	3.32	9.81	8.37	3.25	
1.5	ODP	9.04	6.46	3.32	10.31	8.37	3.25	
2.0	ODP	9.44	6.46	3.32	10.31	8.37	3.25	
0.5, 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	

Motors are Standard Efficient except the 1-2 HP 3 ph TEFC, which are Premium Efficient.



Construction Options

Key	Part Name	All Bronze
1	Case	Bronze
2	Impeller	PPS GF
26	Impeller Locknut, Socket Head	Stainless
40	Flinger	Neoprene
53	Base	Steel
71	Adapter	Bronze
73	Gasket, Case	Buna
89	Mechanical Seal, Type 21, BN-CARB/CM	Standard
H	Plug, Drain	Brass





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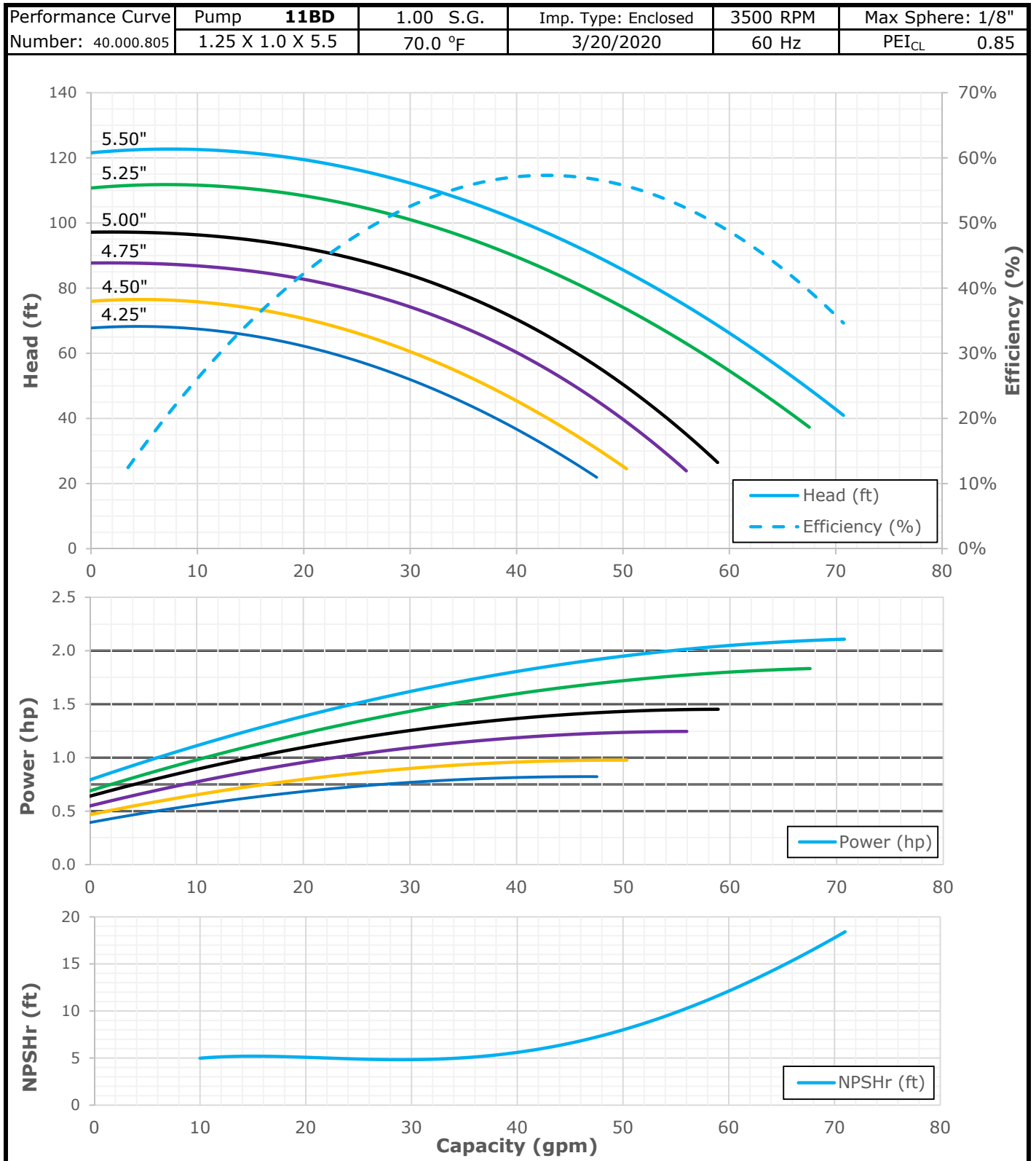
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Performance Curve





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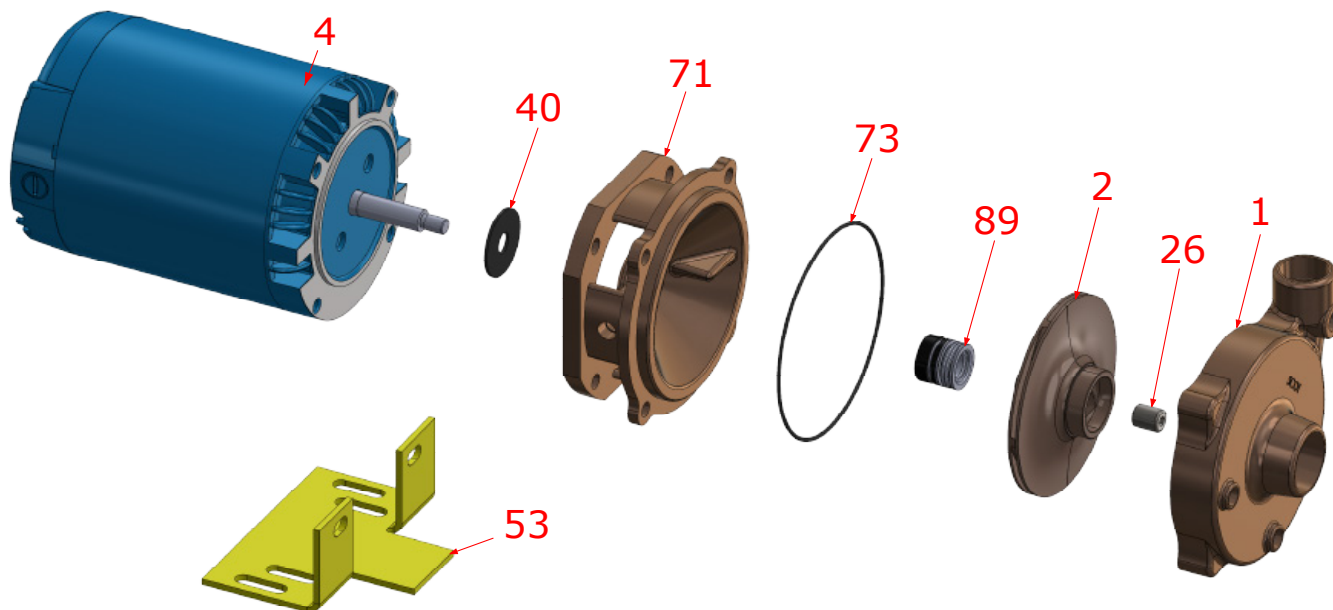
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Bronze, 60 Hz, 1.25 X 1 X 5.63 NPT

11BD

J56

Parts



Key	Part Name	Part Number	
1	Case 11BD, Bronze, 1.25 X 1.00 NPT Brass plugs	137.003.155X	
2	Impeller, 11BD PPS-GF, Specify Dia., 5.50 Max, 7/16" Thrd	3301155	
4	Motor chart, J56 3.5" Rigid Base	See Chart	
	Motor chart, J56 Round Body	See Chart	
26*+	Locknut, Stainless, Socket Head	110.000.190	
40*	Flinger, Neoprene	104.000.171	
53	Base, Steel	119.000.231A	
71	Adapter, Bronze, J56 5/8" Seal, with Brass plug	3301163X	
73*	Gasket, Case, Buna	116.000.146	
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 21, BN-CARB/CM, With retainer	137.001.150	
KIT		3 Phase:	1 Phase:
	Repair Kit, 5/8" BN-CARB/CM Seal	118.000.697	118.000.697.1
	Repair Kit, 5/8" EPDM-CARB/CM Seal	118.000.697R	118.000.697R.1
	Repair Kit, 5/8" EPDM-CARB/SIL Seal	118.000.697C	118.000.697C.1
	Repair Kit, 5/8" EPDM-SIL/SIL Seal	118.000.697D	118.000.697D.1
	Repair Kit, 5/8" VN-CARB/CM Seal	118.000.697A	118.000.697A.1
	Repair Kit, 5/8" VN-CARB/SIL Seal	118.000.697B	118.000.697B.1
	Repair Kit, 5/8" VN-SIL/SIL Seal	118.000.697J	118.000.697J.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	137.001.548
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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