



A WILO BRAND

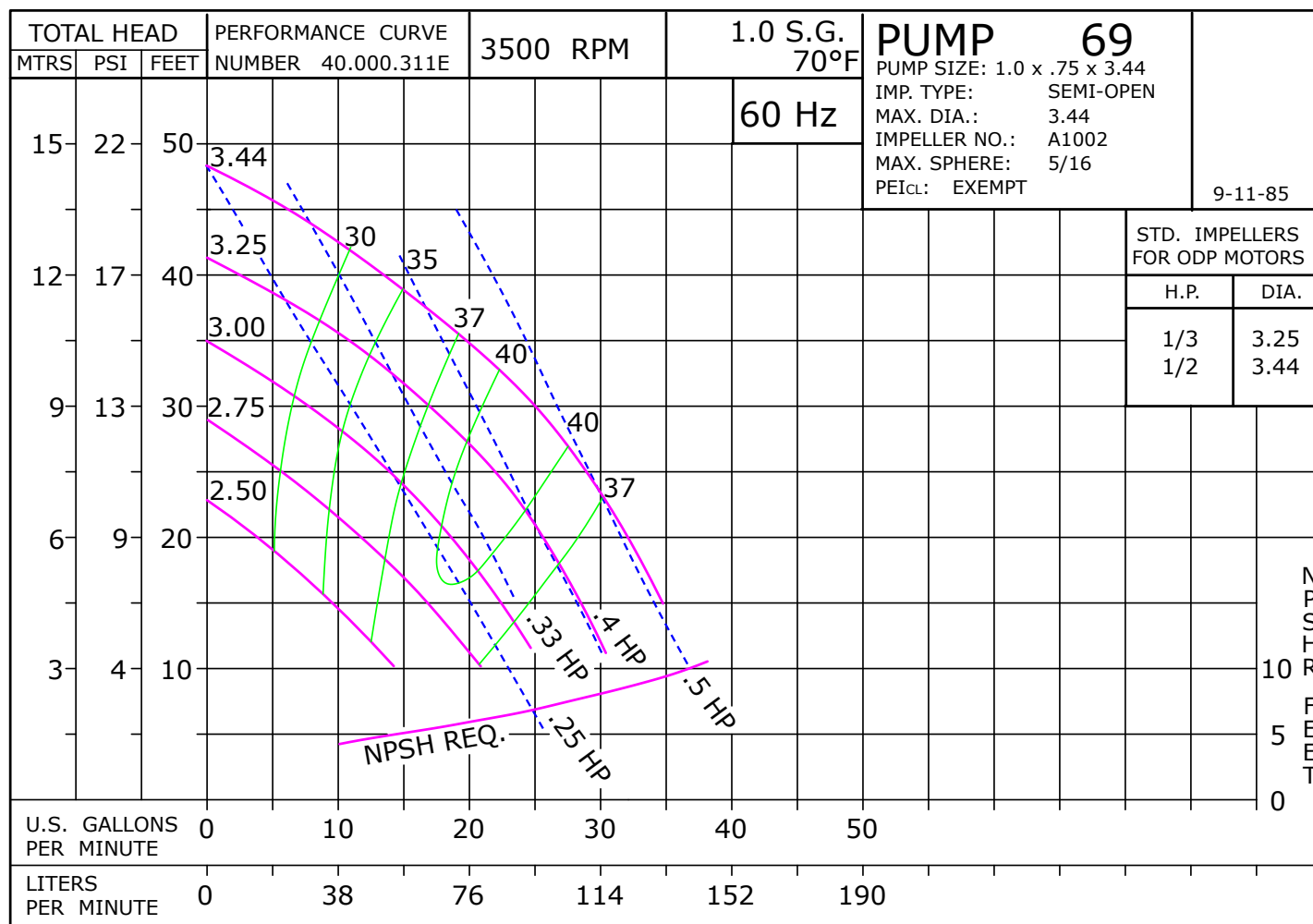
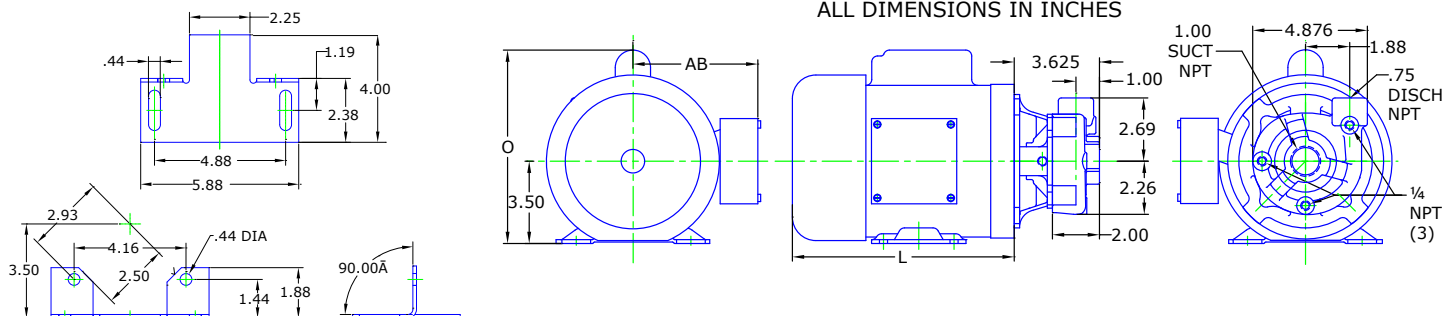
MOTORPUMP™ — 3500 RPM

69 J56



Motor Dimensions							
NEMA		Standard Efficient			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
0.50	TEFC	9.48	7.33	5.87	9.43	8.10	5.31

DRAWING DEPICTS 56J TEFC 1PHASE MOTOR
ALL DIMENSIONS IN INCHES





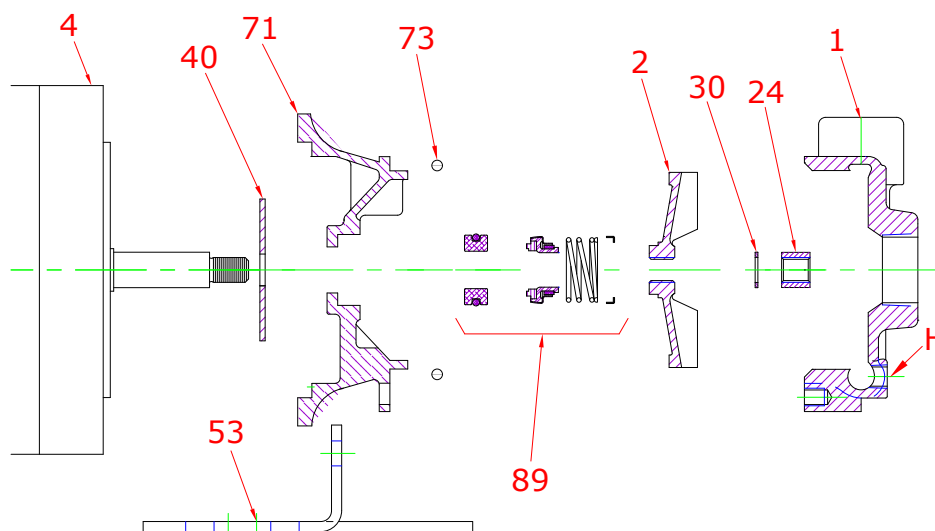
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MOTORPUMP™ — 3500 RPM

Iron, 60 Hz, 1 X 0.75 X 3.44 NPT

69 J56

Parts



Key No.	Part Name	Part Number	
1	Case 69, Iron, 1.00 X 0.75 NPT Brass plugs	130.000.283AX	
2	Impeller 69, Brnz, Specify Dia 3.44 Max 7/16" Thrd	137.000.138	
	Impeller 69, Iron, Specify Dia 3.44 Max 7/16" Thrd	137.000.143	
4	Motor chart, J56 3.5" Rigid Base	See Chart	
	Motor chart, J56 Round Body	See Chart	
24*+	Nut, Stainless	137.001.349	
30*+	D Washer, Stainless	104.000.168	
40*	Flinger, Neoprene	104.000.171	
53	Base, Steel	119.000.287A	
71	Adapter, Iron, J56, 5/8" Seal, with Brass plug	3301088X	
73*	Gasket, Case, Buna	116.000.153	
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	118.000.389	118.000.389.1
	Repair Kit, 5/8" EPDM-CARB/CM Seal	118.000.389F	118.000.389F.1
	Repair Kit, 5/8" EPDM-CARB/SIL Seal	118.000.389C	118.000.389C.1
	Repair Kit, 5/8" EPDM-SIL/SIL Seal	118.000.389D	118.000.389D.1
	Repair Kit, 5/8" VN-CARB/CM Seal	118.000.389A	118.000.389A.1
	Repair Kit, 5/8" VN-CARB/SIL Seal	118.000.389B	118.000.389E.1
	Repair Kit, 5/8" VN-SIL/SIL Seal	118.000.389E	118.000.389B.1

* Denotes components included in repair kit.

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



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Motor Charts

Motor Chart
J56 Frame, Round Body - 3500 RPM - 1 & 3 Phase

D1009

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		- -
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

D1367

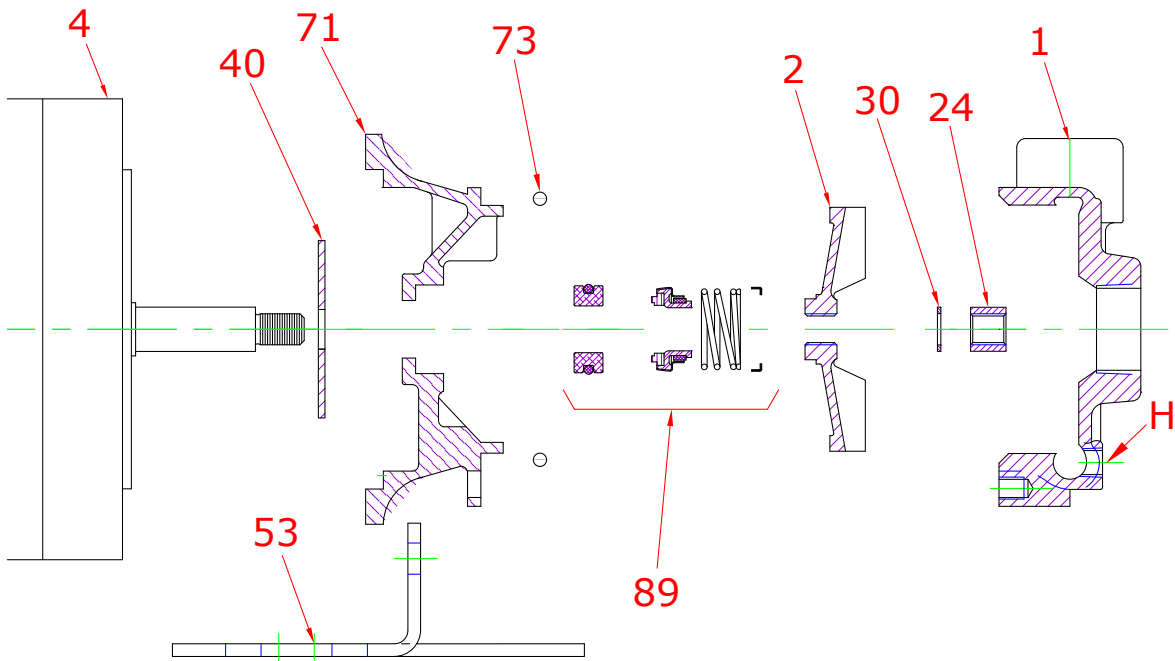
1 PHASE 60 Hz 3500 RPM			3 PHASE 60 Hz 3500 RPM				
	115/230V			208-230/460V		575V	
HP	ODP	TEFC	HP	ODP	TEFC	ODP	TEFC
1/3	113.000.880	137.001.633	1/3	- -	- -	- -	- -
1/2	113.000.116	113.000.929	1/2	113.000.118	113.001.154	137.001.634	113.001.211
3/4	137.001.439	113.000.167	3/4	137.001.080	137.001.223	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	- -	- -	- -



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Construction Options



Construction Options				
Key	Part Name	Standard Fitted	Bronze Fitted	All Iron
1	Case	Iron	Iron	Iron
2	Impeller	Iron	Bronze	Iron
24	Impeller Locknut	Stainless	Stainless	Stainless
30	D-Washer	Stainless	Stainless	Stainless
40	Flinger	Neoprene	Neoprene	Neoprene
53	Base	Steel	Steel	Steel
71	Adapter	Iron	Iron	Iron
73	Gasket, Case	Buna	Buna	Buna
89	Mechanical Seal, Type 6 BN-CM	Standard	Standard	Standard
H	Plug, Drain	Brass	Brass	Plated Steel