



A WILO COMPANY

# MOTORPUMP™ — 3500 RPM

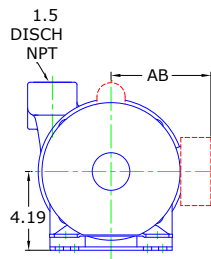
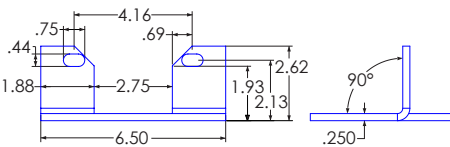
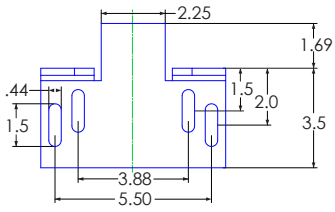
Iron, 60 Hz, 2 X 1.5 X 5.5 NPT

# 16 J56

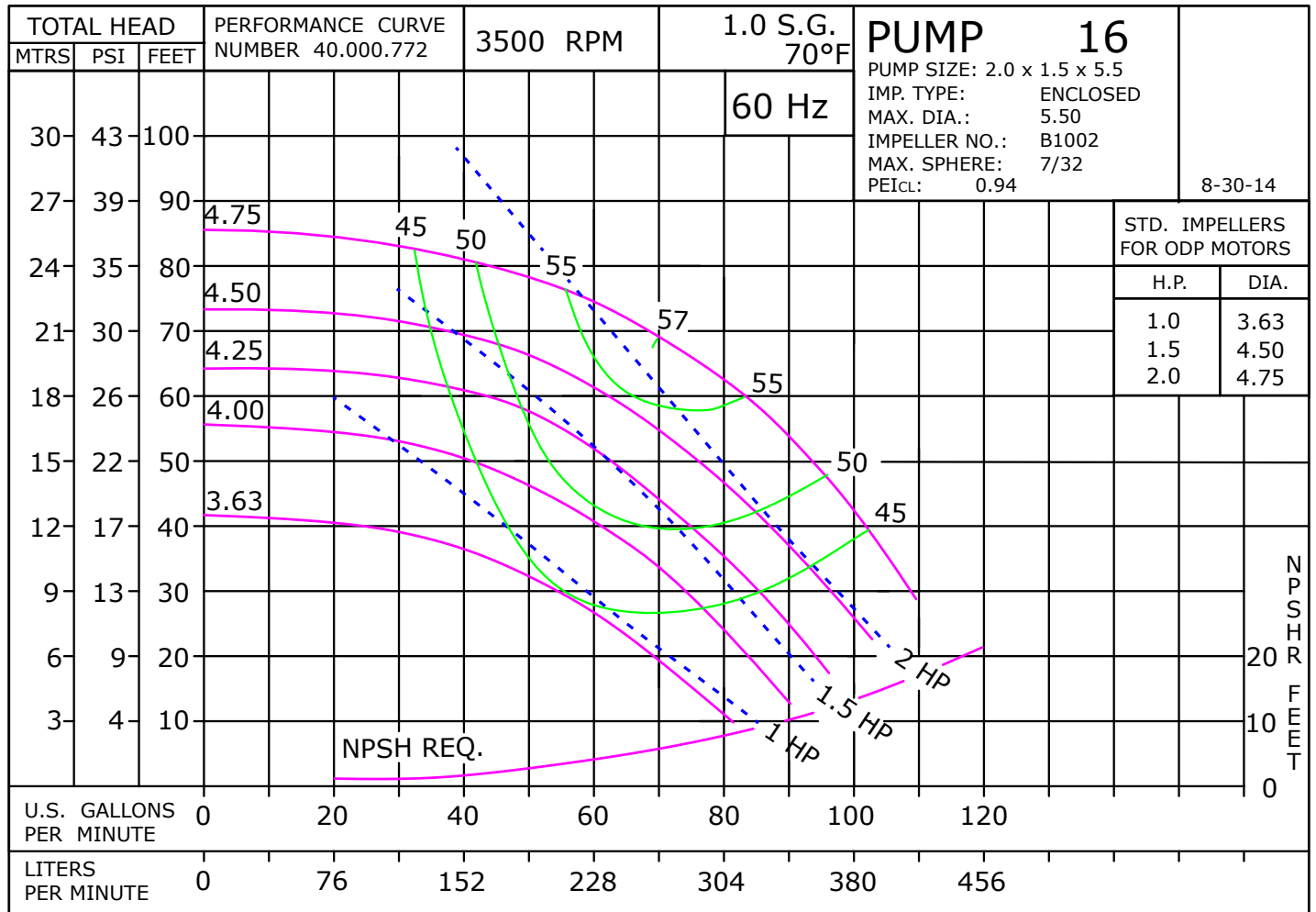
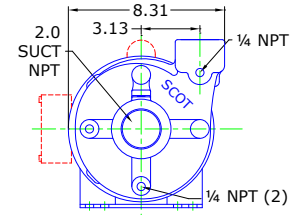
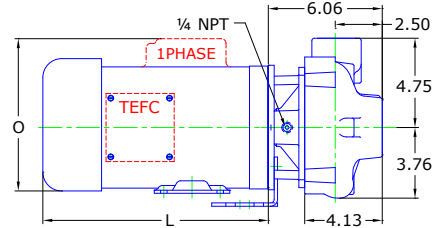


Motor Dimensions							
NEMA J56 Frame 3500 RPM							
HP	Type	3 Phase			1 Phase		
		L	O	AB	L	O	AB
1.0	ODP	8.65	6.46	3.32	9.81	8.37	3.25
1.5	ODP	9.04	6.46	3.32	10.31	8.37	3.25
2.0	ODP	9.44	6.46	3.32	10.31	8.37	3.25
1.0	TEFC	10.27	7.33	5.87	10.59	8.10	5.31
1.5	TEFC	11.06	7.33	5.87	10.59	8.10	5.31
2.0	TEFC	11.85	7.33	5.87	11.77	8.10	5.31

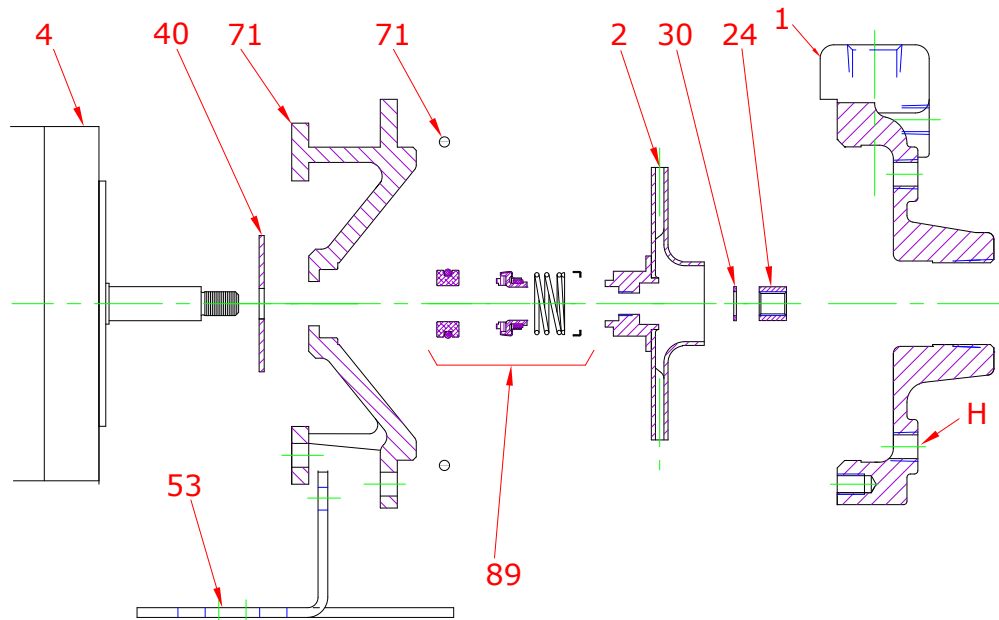
Motors are Standard Efficient with the exception of the 1-2 HP 3 phase TEFC, which are Premium Efficient.



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



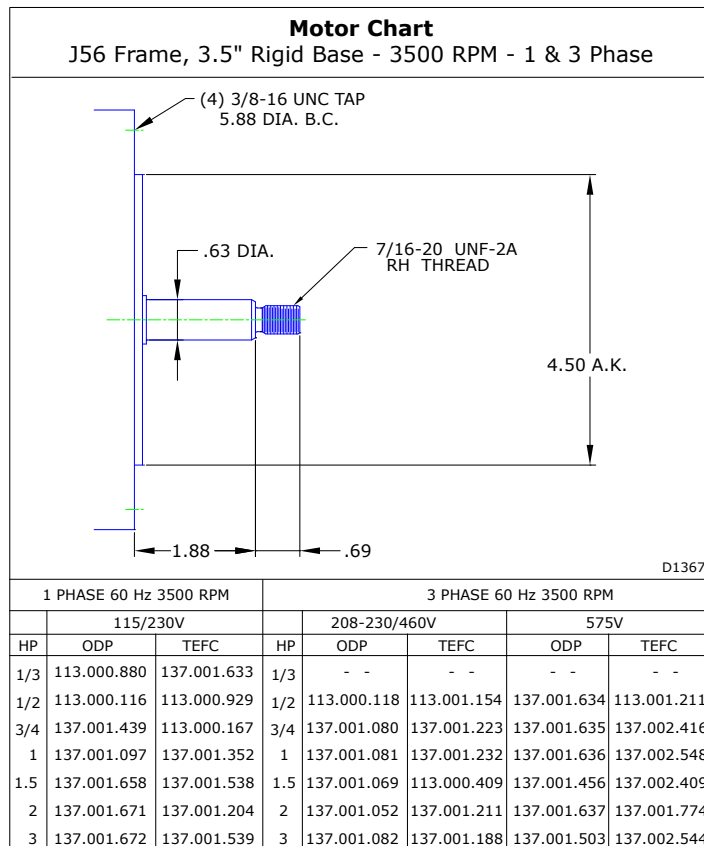
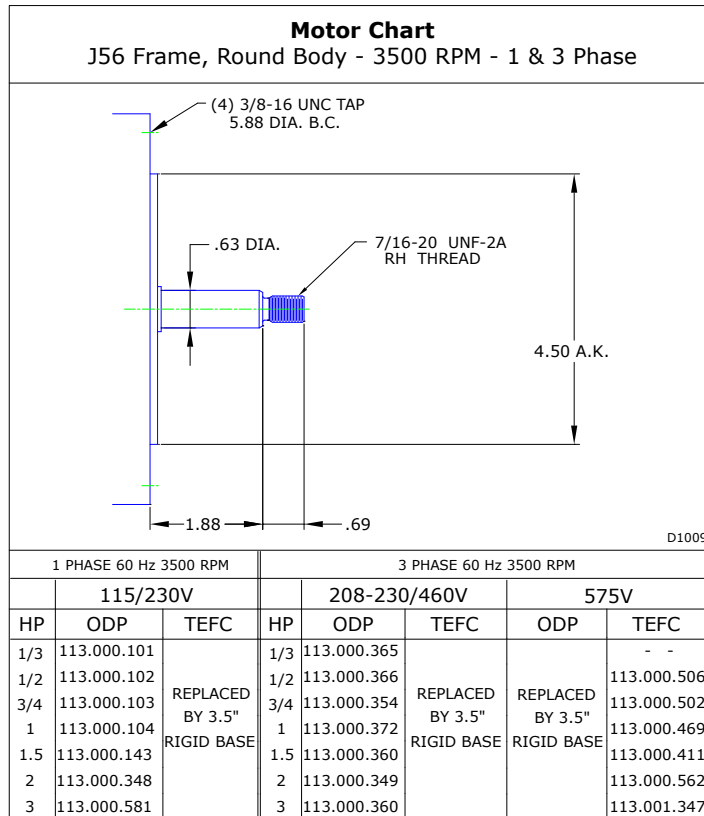
**Parts**



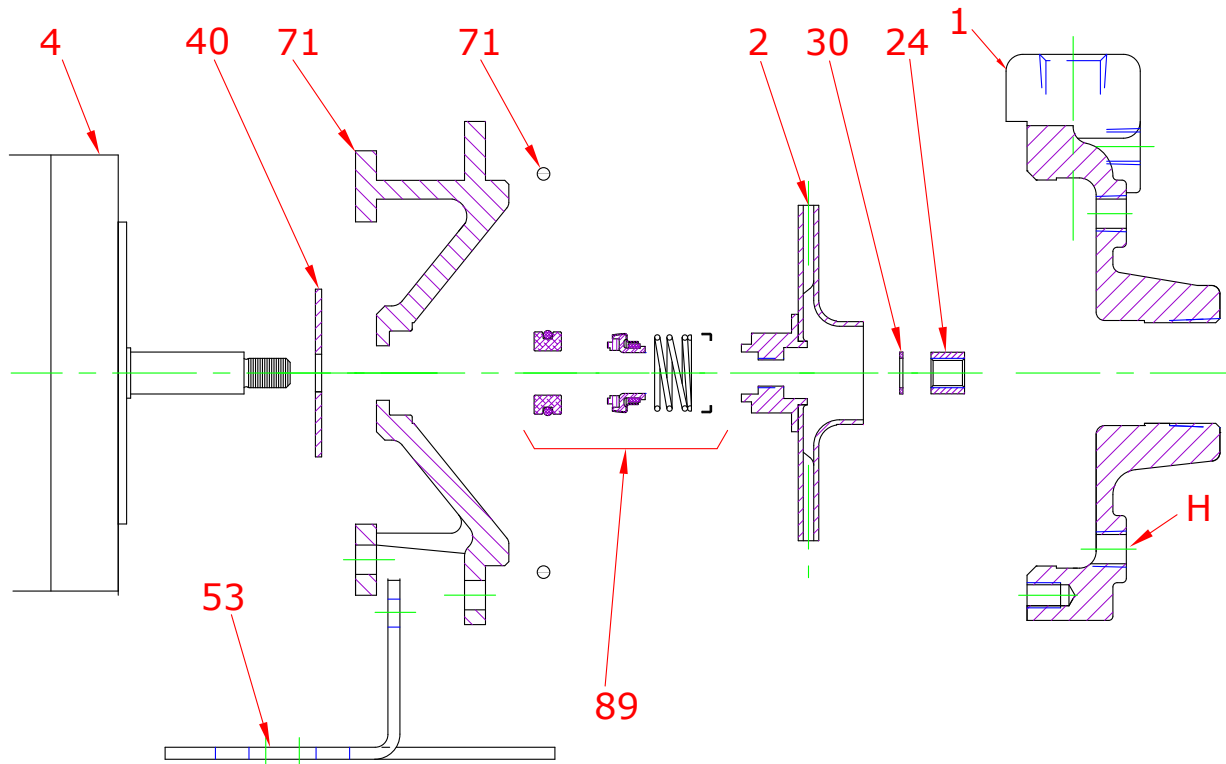
Key No.	Part Name	Part Number	
1	Case 16, Iron, 2.00 X 1.50 NPT Brass plugs	130.000.181X	
2	Impeller 16, CIBF Specify Dia., 5.50 Max 7/16" Thrd	131.000.821	
	Impeller 16, Iron, Specify Dia., 5.50 Max 7/16" Thrd	137.000.126	
4	Motor chart, J56 3.5" Rigid Base	See Chart	
	Motor chart, J56 Round Body	See Chart	
24*	Nut, Stainless	105.000.465	
30*	D Washer, Stainless	104.000.168	
40*	Flinger, Neoprene	104.000.171	
53	Base, Steel	119.000.231A	
71	Adapter, Iron, J56, 5/8" Seal, with Brass plug	132.000.337X	
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 6, BN-CARB/CM, No retainer	101.000.110	
KIT		<b>3 Phase:</b>	<b>1 Phase:</b>
	Repair Kit, 5/8" BN-CARB/CM Seal	118.000.340	118.000.340.1
	Repair Kit, 5/8" EPDM-CARB/CM Seal	118.000.340R	118.000.340R.1
	Repair Kit, 5/8" EPDM-CARB/SIL Seal	118.000.340C	118.000.340C.1
	Repair Kit, 5/8" EPDM-SIL/SIL Seal	118.000.340D	118.000.340D.1
	Repair Kit, 5/8" VN-CARB/CM Seal	118.000.340A	118.000.340A.1
	Repair Kit, 5/8" VN-CARB/SIL Seal	118.000.340B	118.000.340B.1
	Repair Kit, 5/8" VN-SIL/SIL Seal	118.000.340J	118.000.340J.1

\* Denotes components included in repair kit.

**Motor Charts**



**Construction Options**



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

CIBR: Cast iron with brass wear ring