



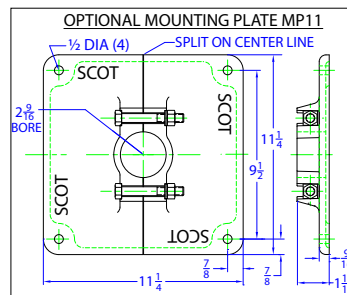
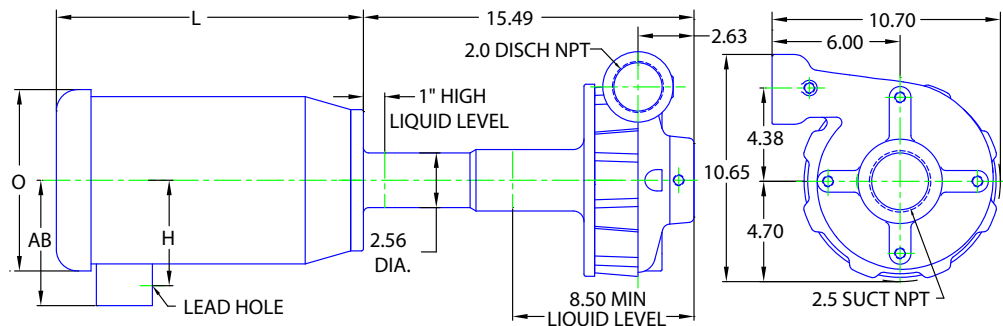
A WILO BRAND

MOTORPUMP™ — 3500 RPM

Iron, 60 Hz, 2.5 X 2 X 6.5 NPT

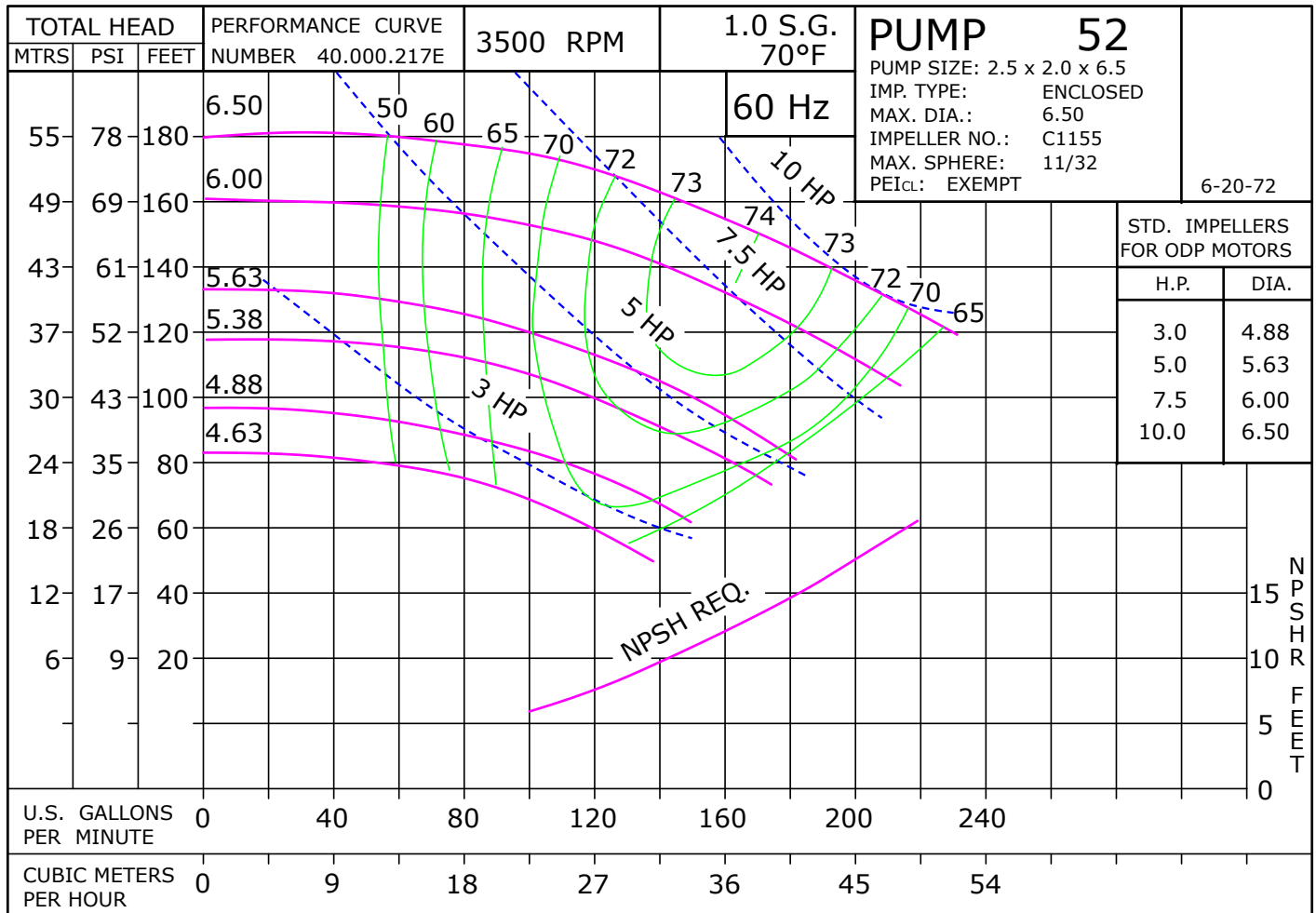
52 TCV

VWE 52

DRAWING DEPCITS TCV184 5HP 3PHASE TEFC MOTOR
ALL DIMENSIONS IN INCHES

Motor Dimensions									
NEMA Premium Efficient TCV Frame 3500 RPM TEFC									
HP	Frame	3 Phase				1 Phase			
		L	AB	O	H	L	AB	O	H
3.0	TCV145	14.51	5.25	7.19	4.18	12.27	5.74	7.19	4.63
5.0	TCV184	15.83	6.00	8.60	4.94	15.92	6.00	8.54	4.94
7.5	TCV215	16.16	7.46	10.34	6.23	16.16	7.46	10.34	6.23
10.0	TCV215	16.16	7.46	10.34	6.23	17.23	8.68	10.22	7.45

Single phase motors are standard efficient





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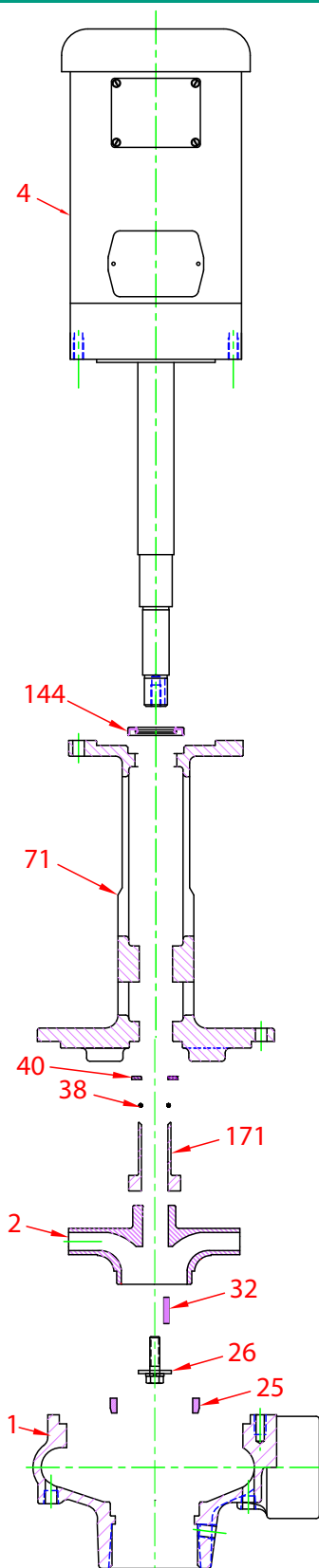
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Parts



Key	Part Name	Part Number	
		#Spec Series	
		3190 Old Style	3435 Current Style
1	Case 52, Iron, 2.5 X 2.0 NPT, Steel wear ring & zinc plugs	130.000.219X1	
2	Impeller 52, Iron, Specify Dia., 6.50 Max 7/8" Key	137.000.120	
4	Motor chart, TCV 3500 rpm	See Chart	
25	Wear ring, Steel	103.000.154	
26*^	Impeller retaining assembly, Stainless	118.000.163A	
32*^	Key, Stainless	102.000.102	
38*^	O-ring, Shaft, Viton	116.000.105	
40*^	Flinger, Stainless	104.000.165A	
71	Adapter, Iron, TCV with slot for flinger, o-ring	-	^132.000.291B
	Adapter, Iron, TCV	132.000.291	-
144*^	Lip Seal, Buna	101.000.244	
171*	Throttle bushing, Steel with O-ring Chamfer	-	^110.000.348C
	Throttle bushing, Steel	110.000.348	-
KIT	Repair Kit, TCV, requires slotted adapter	-	118.000.628
	Repair Kit, TCV Frame VWE	118.000.546	-
NS	Kit, Mounting Plate, Iron, MP11 includes the following:	118.000.329	
	Mounting Plate, Iron	132.000.292	
	Cap screw, zinc	105.000.457	
	Washer, Flat, Plated	137.000.697	
	Nut, plated steel	105.000.122	
RETRO	Retro Fit Kit, includes adapter, bushing, flinger & O-ring	118.000.625	

NS=Not Shown

* Denotes included in repair kit.

^ Denotes items included in retrofit kit.

#Spec series 3190 was manufactured from 1984 through 01/13/04.



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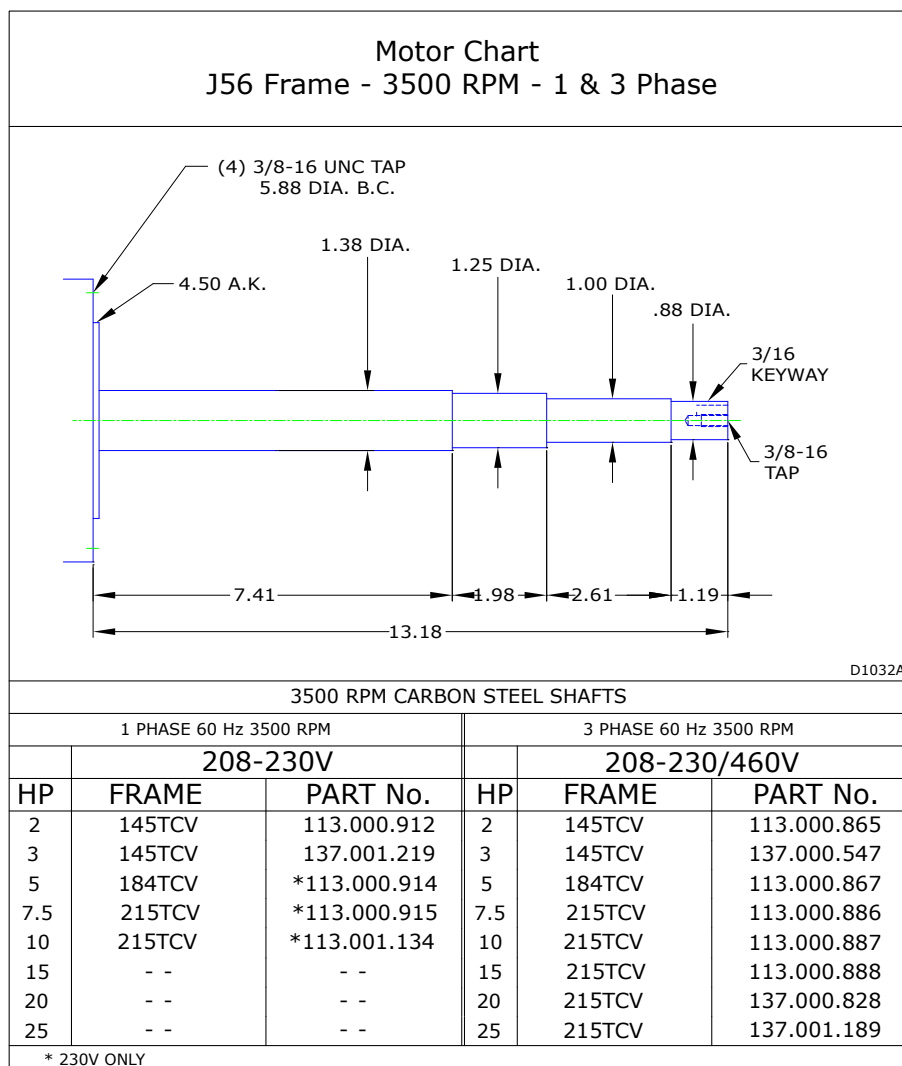
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Motor Charts





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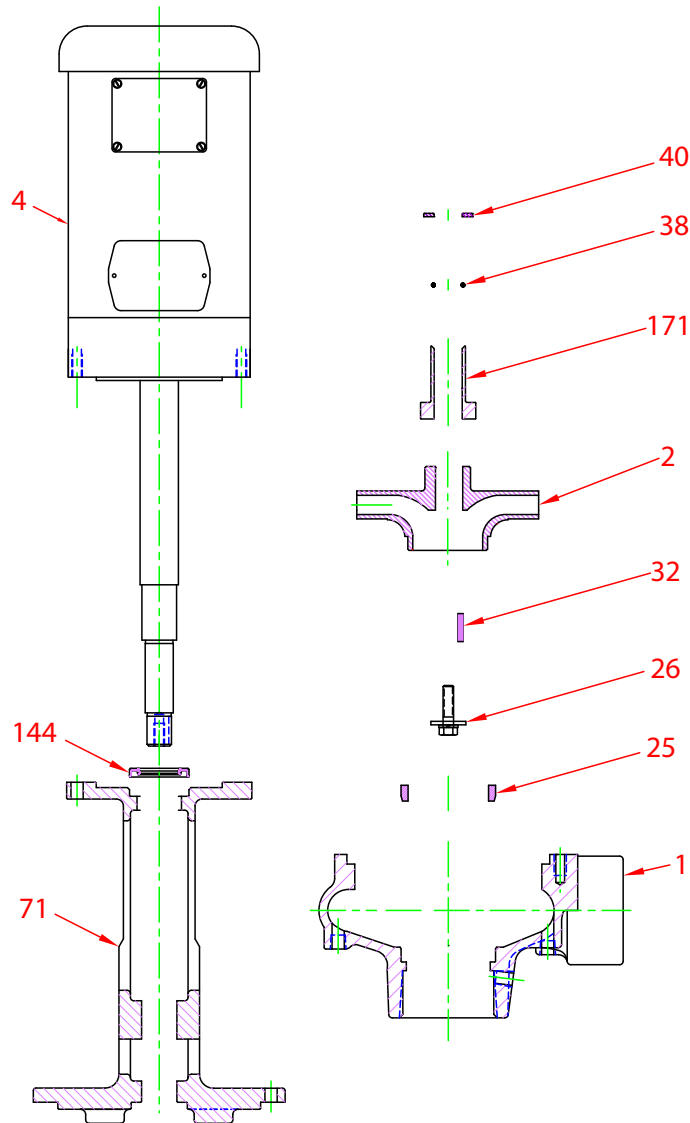
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Iron, 60 Hz, 2.5. X 2 X 6.5 NPT

52 TCV

VWE 52

Construction Options



Key	Part Name	All Iron
1	Case	Iron
2	Impeller	Iron
25	Wear Ring	Steel
26	Impeller Retainer Assembly	Stainless
32	Key	Stainless
38	O-ring, Shaft	Viton
40	Flinger	Stainless
71	Adapter	Iron
144	Lip Seal	BUNA
171	Throttle Bushing	Steel
NS	Mounting Plate MP11: (not shown)	Iron