

W01 Jet Pump Motors - Single Phase

TEFC

Standard Features

- Single phase, 2 & 4 pole, 60Hz
- Voltage:
 - Single Phase - 115/208-230V 3hp 230V only
- Start capacitor
- Die cast aluminum squirrel cage rotor
- Totally Enclosed Fan Cooled (IP55)
- Insulation class "F" (Δt 80°C)
- Continuous duty (S1), 40°C ambient
- Automatic thermal overload protection
- Keyed or Threaded shaft
- Rotation:
 - Non-reversible
- Stainless steel shaft end
- WEG paint plan: 207N
- Color: Munsell N1 - Flat Black



Optional Features

- Special voltages
- Manual thermal overload protection
- Other mounting configurations
- With feet



Jet Pump Motors

TEFC - Purchasing Data

Single Phase - Threaded Shaft

Rated Output		NEMA Frame	List Price	Part Number	Full Load Current		Shipping Weight (lbs.)	Overall Length "C" Dim. (in.)
HP	RPM				115V	230V		
0.33	3600	W56J	\$267	JT.33102W01	5.20	2.60	19.1	11.606
	1800	W56J	\$267	JT.33104W01	6.00	3.00	18.3	12.000
0.5	3600	W56J	\$285	JT.50102W01	7.0	3.5	20.2	12.000
	1800	W56J	\$293	JT.50104W01	8.0	4.0	20.3	12.394
0.75	3600	56J	\$347	JT.75102W01	8.0	4.0	24.7	14.402
	1800	56J	\$355	JT.75104W01	10.6	5.3	27.0	14.795
1	3600	56J	\$409	JT000102W01	10.1	5.06	27.9	14.795
	1800	56J	\$479	JT000104W01	13.6	6.8	32.8	15.189
1.5	3600	56J	\$444	JT001102W01	13.2	6.6	32.6	15.583
	1800	56HJ	\$555	JT001104W01	15.8	7.88	43.0	16.370
2	3600	56HJ	\$535	JT002102W01	17.5	8.73	36.9	15.583
	1800	56HJ	\$602	JT002104W01	20.0	10.0	46.3	17.157
3	3600	56HJ	\$670	JT003102W01	---	13.2	42.6	16.764

Single Phase - Keyed Shaft

Rated Output		NEMA Frame	List Price	Part Number	Full Load Current		Shipping Weight (lbs.)	Overall Length "C" Dim. (in.)
HP	RPM				115V	230V		
0.33	3600	W56C	\$267	KT.33102W01	5.20	2.60	19.1	11.106
	1800	W56C	\$267	KT.33104W01	6.00	3.00	18.3	11.500
0.5	3600	W56C	\$285	KT.50102W01	7.0	3.5	20.2	11.500
	1800	W56C	\$293	KT.50104W01	8.0	4.0	20.3	11.894
0.75	3600	56C	\$347	KT.75102W01	8.0	4.0	24.7	12.720
	1800	56C	\$355	KT.75104W01	10.6	5.3	27.0	13.114
1	3600	56C	\$409	KT000102W01	10.1	5.06	28.0	13.144
	1800	56C	\$479	KT000104W01	13.6	6.8	32.8	13.901
1.5	3600	56C	\$444	KT001102W01	13.2	6.6	32.6	14.296
	1800	56HC	\$555	KT001104W01	15.8	7.88	43.0	15.083
2	3600	56HC	\$535	KT002102W01	17.5	8.73	36.9	14.296
	1800	56HC	\$602	KT002104W01	20.0	10.0	46.3	15.870
3	3600	56HC	\$670	KT003102W01	---	12.7	47.1	15.477

Jet Pump Motors

TEFC - Electrical Data

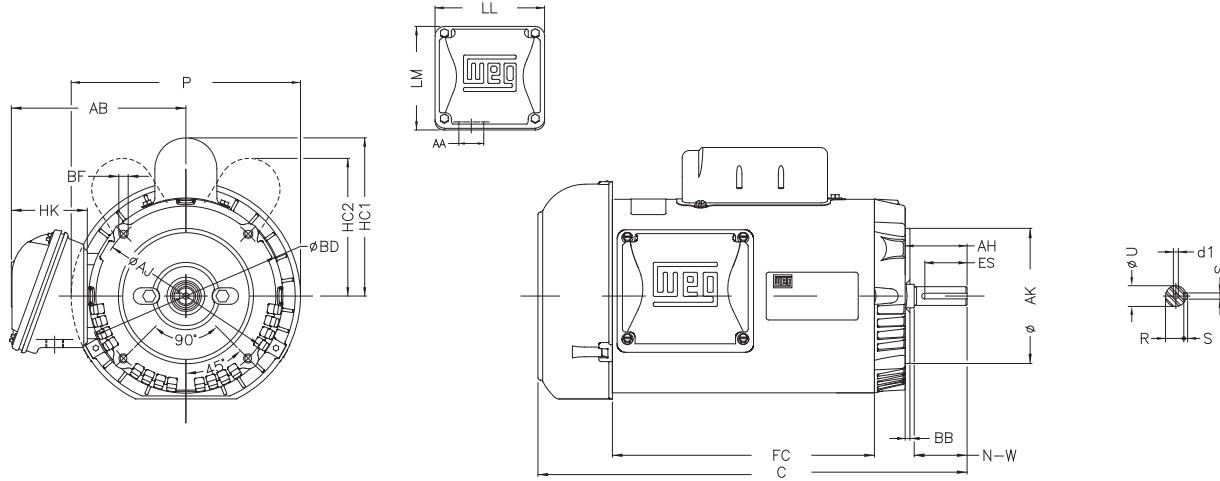
Single Phase - Keyed or Threaded Shaft

Rated Output		Full Load Speed (RPM)	NEMA Frame	Full Load Current (A)		Locked rotor current (l/l/n)	Locked rotor torque	Breakdown torque	Weight (lb)	Service Factor	Efficiency (%)			Power factor		
HP	kW			115V	230V						50%	75%	100%	50%	75%	100%
0.33	0.25	3490	W56J	5.20	2.60	7.00	290%	290%	19.1	1.15	42.0	50.0	54.0	0.61	0.69	0.76
		1735	W56J	6.00	3.00	5.60	320%	280%	18.3	1.15	46.0	55.0	61.0	0.42	0.51	0.59
0.5	0.37	3500	W56J	7.00	3.50	8.00	290%	300%	20.2	1.15	50.0	58.0	60.0	0.59	0.69	0.76
		1730	W56J	8.00	4.00	5.70	320%	270%	20.3	1.15	52.0	29.0	64.0	0.44	0.54	0.63
0.75	0.55	3500	56J	8.00	4.00	8.00	280%	290%	24.7	1.15	52.0	62.0	66.0	0.81	0.87	0.91
		1745	56J	10.6	5.30	6.40	280%	270%	27.0	1.15	57.0	65.0	68.5	0.47	0.58	0.67
1	0.75	3500	56J	10.1	5.06	8.40	280%	280%	27.9	1.15	55.0	64.0	70.0	0.82	0.88	0.92
		1745	56J	13.6	6.80	6.70	280%	270%	32.8	1.15	62.0	68.0	71.0	0.48	0.60	0.68
1.5	1.1	3500	56J	13.2	6.60	8.00	240%	250%	32.6	1.15	66.0	73.0	75.0	0.92	0.95	0.97
		1745	56HJ	15.8	7.88	8.00	250%	270%	43.0	1.15	69.0	75.0	77.0	0.68	0.78	0.83
2	1.5	3495	56HJ	17.5	8.73	7.80	220%	250%	36.9	1.15	70.0	75.0	77.0	0.94	0.97	0.97
		1745	56HJ	20.0	10.00	8.00	240%	260%	46.3	1.15	70.0	76.0	78.5	0.66	0.76	0.82
3	2.2	3490	56HJ	26.4	13.20	8.00	210%	250%	42.6	1.15	72.0	77.0	80.0	0.87	0.92	0.94

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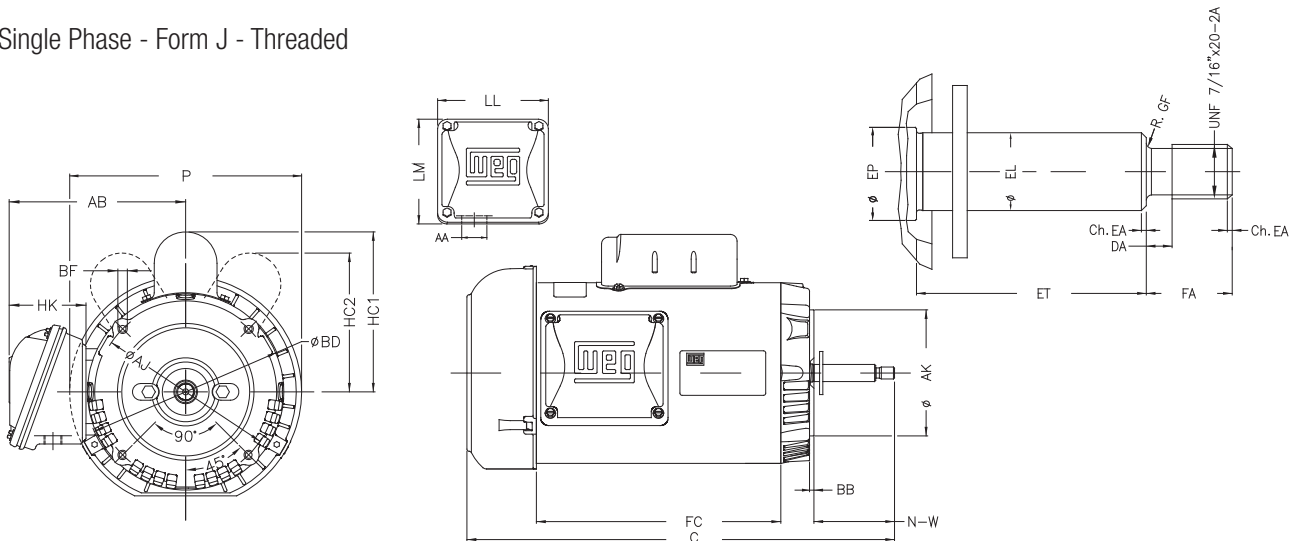
TEFC - Mechanical Data

Single Phase - Form C - Keyed



NEMA Frames	P	Keyway			Shaft Extension		AA	Bearings		"C" Flange Dimensions						
		S	R	ES	N-W	U		D.E.	N.D.E.	Flange	AJ	AK	BD	BF		AH
														Number	Tap Size	
W56C	6.693	0.187	0.517	1.417	1.874	0.625	0.881"	6203-2RS	6202-ZZ	FC-149	5.874	4.500	6.468	4	UNC 3/8"x16	2.062
56C	7.638												6.450			
56HC	7.638												6.450			

Single Phase - Form J - Threaded



NEMA Frames	P	AA	Bearings		"C" Flange Dimensions						
			D.E.	N.D.E.	Flange	AJ	AK	BD	BF		AH
									Number	Tap Size	
W56J	6.693	0.881"	6203-ZZ	6202-ZZ	FC-149	5.874	4.500	6.468	4	UNC 3/8"x16	2.562
56J	7.638							6.450			
56HJ	7.638							6.450			