

1-800-GRAINGER (472-4643)

**56Y Frame, Permanent Split Capacitor**



**56Y Frame, Capacitor Start/Run**



**56Y Frame, 3-Phase**



HP	Nameplate RPM	Motor Shaft Rotation	Motor Thermal Protection	Phase	Voltage	Full Load Amps	Motor Service Factor	Ins. Class	Motor Efficiency Group	Max. Ambient Temp.	Mfr. Model	Item No.
<b>56Y Frame, Permanent Split Capacitor</b>												
1/2	3.450	CCWSE	Auto	Single	115/208-230V AC	8.8/4.5-4.4	1.9	B	Efficient	50 °C	B845	16U451
	3.450	CCWSE	Auto	Single	115/230V AC	10.8/5.4	1.95	F	Standard	50 °C	B2846	6UEV2 *
3/4	3.450	CCWSE	Auto	Single	115/208-230V AC	11.2/6.0-5.6	1.67	F	Standard	50 °C	B2661	16U450
	3.450	CCWSE	Auto	Single	115/230V AC	10.8/5.4	1.25	F	Standard	50 °C	B2852	16U447
1	3.450	CCWSE	Auto	Single	115/230V AC	13.0/6.5	1.25	F	Standard	50 °C	B2853V1	16U442
	3.450	CCWSE	Auto	Single	115/230V AC	16.0/8.0	1.65	F	Standard	50 °C	B2848V1	6UEV4 *
1 1/2	3.450	CCWSE	Auto	Single	115/230V AC	21.0/10.5	1.5	F	Standard	50 °C	B2854V1	16U440
	3.450	CCWSE	Auto	Single	208-230V AC	9.6-8.8	1.47	F	Standard	50 °C	B2858	6FJF3
2, 1/2	3.450/1.725	CCWSE	Auto	Single	230V AC	10.0/3.5	1.5	B	Standard	50 °C	B2849	16U443
	3.450	CCWSE	Auto	Single	230V AC	10.0/3.5	1.1	B	Standard	50 °C	B985	16U436
2	3.450	CCWSE	Auto	Single	115/230V AC	21.0/10.5	1.1	B	Standard	50 °C	B2859	16U452
	3.450	CCWSE	Auto	Single	208-230V AC	11.0/10.2	1.3	F	Standard	50 °C	B2843	16U446
3	3.450	CCWSE	Auto	Single	230V AC	10.0	1.1	B	Standard	50 °C	B2855	16U441
	3.450	CCWSE	Auto	Single	230V AC	11.5	1.3	F	Standard	50 °C	B2748	6UEV5 *
2 1/2	3.450	CCWSE	Auto	Single	230V AC	10.0/3.5	1.04	F	Standard	50 °C	B2840V1	16U448
	3.450	CCWSE	Auto	Single	208-230V AC	15.0-13.6	1.15	F	Standard	50 °C	B2844	16U444
<b>56Y Frame, Capacitor-Start/Run</b>												
3/4, 1/2	3.450/1.725	CCWSE	Auto	Single	115V AC	12.2/2.00	1.67	F	Efficient	50 °C	B2981	16U437
	3.450/1.725	CCWSE	Auto	Single	230V AC	5.8/0.90	1.67	F	Efficient	50 °C	B2980	16U439
1, 1/2	3.450/1.725	CCWSE	Auto	Single	230V AC	7.4/1.4	1.65	F	Efficient	50 °C	B2982	16U438
1 1/2, 1	3.450/1.725	CCWSE	Auto	Single	230V AC	10.0/1.6	1.47	F	Efficient	50 °C	B2983	16U434
	3.450/1.725	CCWSE	Auto	Single	230V AC	11.0/1.80	1.3	F	Efficient	50 °C	B2984	16U435
3	3.450	CCWSE	Auto	Single	208-230V AC	15.0-13.3	1.15	B	Efficient	50 °C	SQ1302V1	2GMP9 *
<b>56Y Frame, 3-Phase</b>												
1/2	3.450	CW/CCW	None	Three	208-230/460V AC	3.2-3.0/1.50	1.9	B	Standard	50 °C	H491	4YY42 *
3/4	3.450	CW/CCW	None	Three	208-230/460V AC	3.8-3.6/1.80	1.65	B	Standard	50 °C	H492	4YY43 *
1	3.450	CW/CCW	None	Three	208-230/460V AC	4.0-4.6/2.3	1.65	B	Standard	50 °C	H635	4YY44 *
1 1/2	3.450	CW/CCW	None	Three	208-230/460V AC	6.4-5.8/2.9	1.47	B	Standard	50 °C	H636	4YY45 *
2	3.450	CW/CCW	None	Three	208-230/460V AC	7.1-6.8/3.4	1.3	B	Standard	50 °C	H637	4YY46 *
3	3.450	CW/CCW	None	Three	208-230/460V AC	9.8-9.6/4.8	1.15	B	Standard	50 °C	H755	4YY47 *
	3.450	CW/CCW	None	Three	208-230/460V AC	10.0/5.0	1.15	B	Standard	50 °C	Q3302V1	16U454
5	3.450	CW/CCW	None	Three	208-230/460V AC	13.4-13.4/6.7	1	B	Standard	40 °C	H995	16U481

\* Motor shafts also have 1/2-20 UNC-2B LH internal threads.



## 1-Phase and 3-Phase Square-Flange Pool Pump Motors

- Enclosure: open dripproof
- Mounting: flange, horizontal only
- Bearings: ball

Motors are equivalent replacements for most popular pool and spa manufacturers' pumps. Permanent split capacitor and 3-phase motors are single-compartment design. Capacitor-start/run motors are 2-compartment design.

Shaft: 303 stainless steel, 1/2-20 UNF-2A RH external threads.

Additional square-flange pump motors are available on Grainger.com.

Note: Must equal or exceed service factor and HP for proper replacement.

HP	Nameplate RPM	Voltage	Full Load Amps	Motor Service Factor	Motor Efficiency Group	Motor Flange Material	Max. Ambient Temp.	Mfr. Model	Item No.
<b>56C Frame, Capacitor-Start/Run</b>									
1/2	3.450	115/230V AC	4.0/8.0	1.6	Efficient	Aluminum	50 °C	CK1052	5PE35
	3.450	115/230V AC	5.5/11.0	1.5	Efficient	Aluminum	50 °C	CK1072	5PE37
1	3.450	115/230V AC	6.8/13.6	1.4	Efficient	Aluminum	50 °C	CK1102	5PE39
	3.450	115/230V AC	19.4/9.7	1.3	Efficient	Aluminum	50 °C	SK1152	5PE45
2	3.450	230V AC	11.2	1.3	Efficient	Aluminum	50 °C	SK1202	5PE46
	3.450	208-230V AC	15.0-13.3	1.15	Efficient	Aluminum	50 °C	SK1302V1	3CZR4
<b>56C Frame, Permanent Split Capacitor</b>									
1/2	3.450	115/208-230V AC	8.2/4.4-4.1	1.5	Efficient	Cast-Iron	50 °C	B639	5PB73
	3.450	115/230V AC	4.4/8.8	1.6	Standard	Aluminum	50 °C	B120	5PB61
3/4	3.450	115/230V AC	6.0/12.0	1.5	Standard	Aluminum	50 °C	B121	5PB62
	3.450	115/208-230V AC	6.4-5.9/11.8	1.4	Efficient	Aluminum	50 °C	B653	5PB93
1	3.450	115/230V AC	7.2/14.4	1.4	Standard	Aluminum	50 °C	B122	5PB63
	3.450	115/208-230V AC	8.7-7.8/15.6	1.3	Efficient	Aluminum	50 °C	B795	5PB97
1 1/2	3.450	115/230V AC	9.2/18.4	1.3	Standard	Aluminum	50 °C	B123	5PB64
	3.450	115/230V AC	21.6/10.8	1.2	Standard	Aluminum	50 °C	B835	16U472
2	3.450	208-230V AC	10.4	1.2	Efficient	Aluminum	50 °C	B808	5PE11
	3.450	230V AC	10.5	1.2	Standard	Aluminum	50 °C	B124	5PB65
3	3.450	208-230V AC	15.0-13.6	1.15	Efficient	Aluminum	50 °C	B817	5PE15
	3.450	230V AC	14.1	1.15	Standard	Aluminum	50 °C	B125	16U473
<b>56J Frame, Capacitor-Start/Run</b>									
1/2	3.450	115/230V AC	4.0/8.0	1.6	Efficient	Aluminum	50 °C	CT1052	5PE40
	3.450	115/230V AC	5.5/11.0	1.5	Efficient	Aluminum	50 °C	CT1072	5PE41
3/4	3.450	115/230V AC	8.0/4.0	1	Efficient	Aluminum	50 °C	UCT1072V1	16U479
	3.450	230V AC	7.0/2.3	1.5	Efficient	Aluminum	50 °C	STS1102R1V1	16U474
1, 1/2	3.450/1.725	230V AC	6.8/13.6	1.4	Efficient	Aluminum	50 °C	CT1102	5PE53
	3.450	115/230V AC	11.0/5.5	1	Efficient	Aluminum	50 °C	UCT1102	16U477
1 1/2, 1	3.450/1.725	230V AC	9.0/3.3	1.3	Efficient	Aluminum	40 °C	STS1152R	5PE56
	3.450	115/208-230V AC	19.6/10.4-9.8	1.47	Efficient	Aluminum	50 °C	ST1152	5PE50
1 1/2	3.450	115/230V AC	14.6/7.3	1	Efficient	Aluminum	50 °C	UCT1152	16U478
	3.450	115/208-230V AC	19.6/10.4-9.8	1	Efficient	Aluminum	50 °C	UST1202	5PE61
2	3.450	208-230V AC	12.6-11.4	1.3	Efficient	Aluminum	50 °C	ST1202	5PE51
	3.450	208-230V AC	12.6-11.4	1.06	Efficient	Aluminum	50 °C	UST1252	16U476
3	3.450	208-230V AC	15.0-13.3	1.15	Efficient	Aluminum	50 °C	ST1302V1	2LJF9
	<b>56J Frame, Permanent Split Capacitor</b>								
1/2	3.450	115/208-230V AC	7.4/4.0-3.7	1.6	Efficient	Aluminum	50 °C	B657	16U468
	3.450	115/230V AC	4.4/8.8	1.6	Standard	Aluminum	50 °C	B126	5PB66
3/4	3.450	115/208-230V AC	5.4-5.0/10.0	1.5	Efficient	Aluminum	50 °C	B638	5PB91
	3.450	115/230V AC	6.0/12.0	1.5	Standard	Aluminum	50 °C	B127	5PB67
1	3.450	115/230V AC	8.8/4.4	1	Standard	Aluminum	50 °C	B227SE	5PB79
	3.450	115/230V AC	12.0/6.0	1.5	Standard	Cast-Iron	50 °C	164360C	5PB58
1 1/2	3.450	115/208-230V AC	6.4-5.9/11.8	1.4	Efficient	Aluminum	50 °C	B654	5PB95
	3.450	115/230V AC	7.2/14.4	1.4	Standard	Aluminum	50 °C	B128	5PB68
1 1/2, 1	3.450/1.725	115V AC	14.6/4.4	1.1	Efficient	Aluminum	50 °C	B228SE	5PB81
	3.450	115/208-230V AC	8.7-7.8/15.6	1.3	Efficient	Aluminum	50 °C	B796	5PB99
1 1/2	3.450	115/230V AC	9.2/18.4	1.3	Standard	Aluminum	50 °C	B129	5PB69
	3.450	115/230V AC	14.4/7.2	1	Standard	Aluminum	50 °C	B229SE	5PB83
2	3.450	115/230V AC	18.4/9.2	1.3	Standard	Cast-Iron	50 °C	164360E	5PB60
	3.450	115/230V AC	18.4/9.2	1	Standard	Aluminum	50 °C	B230SE	5PB85
2 1/2	3.450	208-230V AC	21.6/10.8	1.2	Standard	Aluminum	50 °C	B836	16U471
	3.450	230V AC	10.5	1.2	Standard	Aluminum	50 °C	B130	5PB71
3, 1/2	3.450/1.725	230V AC	13.8/4.0	1.15	Efficient	Aluminum	40 °C	B966	16U465
	3.450	208-230V AC	15.0-13.6	1.15	Efficient	Aluminum	50 °C	B818	5PE17
3	3.450	230V AC	14.1	1.15	Standard	Aluminum	50 °C	B131	16U470

**56C Frame, Permanent Split Capacitor**



**56J Frame, Capacitor-Start/Run**

**56J Frame, Permanent Split Capacitor**



## 1-Phase Face-Mount Pool Pump Motors

- Enclosure: open dripproof
- Insulation: Class B
- Rotation: CCWSE
- Bearings: ball
- Thermal protection: auto

Motors are equivalent replacements for most popular pool and spa pump manufacturers' pumps. Sealed switch design prevents water infiltration. Moisture/heat-resistant bearing lubricant.

56C frame shaft: keyed steel, 5/8" dia. x 1 1/8" L with 3/16" W keyway.

56J frame shaft: 303 stainless steel, 7/16-20 UNF-2A RH threaded 1 1/16" from end.

Note: Must equal or exceed service factor and HP for proper replacement.