

# Capacitor Start Resilient Base Motors

## Features:

- High Start Torque
- Open Construction
- Reversible
- 2, 4 and 6 Pole
- 40°C Ambient
- 60 Hz



BK1054



C690

**Applications:** Compressors, pumps, conveyors, milking machines, blowers, fans

HP	RPM	Volts	Full Load Amps	Service Factor	Frame	Stock Number	Bearings	Enclosure	Insul. Class	Overload Protector	"C" Dim	"AG" Dim	Notes
1/4	1725	115/230	5.6/2.8	1.35	48	RS1024A	Sleeve	Open	B	Auto	9.4	7.8	
1/4	1725	115/230	5.0/2.5	1.35	48	C196L	Ball	ODP	B	Auto	9.3	7.8	
1/3	3450	115/208-230	7.6/3.8	1.80	48	BF1032	Ball	ODP	A	Auto	10.2	8.6	55,61,66,78
1/3	3450	115/208-230	6.2/3.4-3.1	1.25	48	B171	Ball	ODP	A	Auto	9.9	8.4	
1/3	1725	115/230	6.4/3.2	1.35	48	RBF1034A	Ball	Open	B	Auto	9.4	7.8	6
1/3	1725	115/230	7.70/3.85	1.35	48	C105L	Ball	ODP	B	None	9.8	8.3	
1/3	1725	115/230	7.0/3.5	1.00	48	RS1030A	Sleeve	Open	B	Auto	9.4	7.8	
1/3	1725	115/230	6.2/3.1	1.35	48	RS1035A	Sleeve	ODP	B	Auto	9.9	8.0	6
1/3	1725	115/230	6.4/3.2	1.35	48Z	RS1034A	Sleeve	Open	B	Auto	9.8	7.6	6,273
1/3	1725/1425	115/230	5.2/2.6//6.6/3.3	1.35	56	C309	Ball	ODP	B	Auto	11.1	9.1	6
1/3	1725	115/208-230	6.6/3.0-3.3	1.35	56	C403	Ball	ODP	B	Auto	11.1	9.1	
1/3	1725	115/208-230	6.6/3.0-3.3	1.35	56	C455	Sleeve	ODP	B	Auto	11.1	9.1	
1/3	1725	115/208-230	6.6/3.0-3.3	1.35	56	C226	Ball	Open	B	None	11.1	9.1	
1/3	1140	115/208-230	6.0/3.0-3.0	1.35	56	C231	Sleeve	ODP	B	None	11.4	9.5	
1/2	3450	115/208-230	8.0/3.8-4.0	1.25	56	RB1052L	Ball	ODP	B	Auto	10.4	8.4	
1/2	3450	115/208-230	9.4/4.7-4.7	1.60	48Z	BF1052V1	Ball	ODP	A	Auto	11.3	9.0	26,55,61,66,78,100
1/2	3450	115/208-230	8.0/3.8-4.0	1.25	48Y	B590	Ball	ODP	B	Auto	9.9	8.4	275
1/2	3450	115/208-230	9.4/4.7	1.60	48	BF1052	Ball	ODP	A	Auto	10.6	9.0	55,61,66,78
1/2	3450	115/208-230	9.4/4.7	1.60	56	BK1052	Ball	ODP	A	Auto	10.9	9.0	55,61,66,78
1/2	1725	115/230	8.6/4.3	1.00	48	RS1050A	Sleeve	Open	B	Auto	10.3	8.3	
1/2	1725	115/230	8.6/4.3	1.00	56	RS1051A	Sleeve	Open	B	Auto	10.3	8.3	
1/2	1725/1425	115/230	7.2/3.6//8.9/4.5	1.25	56	C461	Ball	ODP	B	Auto	11.1	9.1	6
1/2	1725/1425	115/230	9.6/4.8	1.25	56	RB1054AV1	Ball	ODP	B	Auto	11.3	9.3	6, New!
1/2	1725/1425	115/230	9.6/4.8	1.25	56	RS1054AV1	Sleeve	Open	B	Auto	11.3	9.3	6, New!
1/2	1725	115/230	8.2/4.1	1.00	56	C690	Sleeve	ODP	A	Auto	11.1	9.1	
1/2	1725	115/208-230	9.0/4.0-4.5	1.25	56	C607	Sleeve	ODP	B	Auto	11.1	9.1	
1/2	1725	115/208-230	9.0/4.0-4.5	1.25	56	C634	Ball	ODP	B	None	11.1	9.1	
1/2	1725	115/208-230	8.8/4.4	1.25	56	BK1054	Ball	ODP	B	Auto	11.6	9.6	55,61,66,78
1/2	1725	115/208-230	9.0/4.0-4.5	1.25	56	C412V1	Ball	ODP	B	Auto	11.1	9.1	26

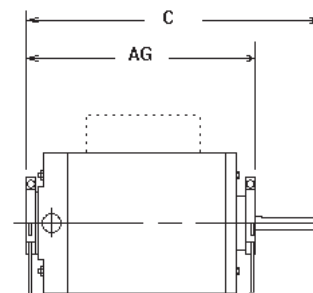
## Notes:

- 6. 60/50 HZ
  - 26. Extended thru bolts, shaft end only
  - 55. Terminal board
  - 61. Start capacitor inside
  - 66. Sealed switch design
  - 78. Moderate start torque
  - 100. 1/2" diameter shaft
  - 273. 48Z = 5/8" dia x 2" shaft, with 3" height
  - 275. 48-56 Frame mounting – 3" shaft height, sleeve and key adapter to 5/8" shaft .
- See page 247 for mounting dimensions

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## Shaft Dimensions

48 = 1/2" Flat x 1-5/8"  
56 = 5/8" Keyed x 1-7/8"



# Capacitor Start Resilient Base Motors

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## Features:

- High Start Torque
- Reversible
- 2, 4 and 6 Pole
- 40°C Ambient
- 60 Hz



BK1072



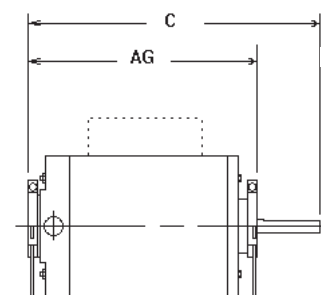
C692

**Applications:** Compressors, pumps, conveyors, milking machines, blowers, fans

HP	RPM	Volts	Full Load Amps	Service Factor	Frame	Stock Number	Bearings	Enclosure	Insul. Class	Overload Protector	"C" Dim.	"AG" Dim.	Notes
3/4	3450	115/208-230	12.8/6.4	1.50	48	BF1072	Ball	ODP	A	Auto	11.1	9.5	55,61,66,78
3/4	3450	115/208-230	12.8/6.4	1.50	56	BK1072	Ball	ODP	A	Auto	11.4	9.5	55,61,66,78
3/4	3450	208-230/115	4.7-4.6/9.2	1.25	56	B588	Ball	ODP	B	Auto	11.1	9.1	
3/4	3450	115/208-230	10.4/5.3-5.2	1.25	56	B593	Ball	ODP	B	Auto	11.1	9.1	New!
3/4	3450	115/208-230	10.4/5.3-5.2	1.25	56	B594	Ball	ODP	B	None	11.1	9.1	New!
3/4	3450	208-230/115	4.7-4.6/9.2	1.25	56	B642	Sleeve	ODP	A	Auto	11.1	9.1	
3/4	1725	115/208-230	13.0/6.5	1.25	56	RB1074A	Ball	ODP	B	Auto	10.8	8.8	
3/4	1725	115/230	12.0/6.0	1.25	56	RS1074AL	Sleeve	Open	B	Auto	11.8	9.8	6, New!
3/4	1725	115/208-230	10.6/5.3	1.00	56	RS1070AV1	Sleeve	ODP	B	Auto	10.8	8.8	New!
3/4	1725	208-230/115	5.4-5.5/11.0	1.25	56	C666	Ball	ODP	B	None	11.1	9.1	
3/4	1725	208-230/115	5.4-5.5/11.0	1.25	56	C426V1	Ball	ODP	B	Auto	11.1	9.1	26
3/4	1725	208-230/115	5.4-5.5/11.0	1.25	56	C654	Sleeve	ODP	B	Auto	11.1	9.1	
3/4	1725/1425	230/115	4.3/8.6/4.8/9.6	1.25	56	C527	Ball	ODP	B	Auto	12.2	10.3	6
3/4	1725	230/115	5.0/10.0	1.00	56	C691	Sleeve	ODP	A	Auto	11.1	9.1	
3/4	1140	115/230	8.6/4.3	1.15	56	C341	Ball	ODP	B	Auto	13.2	11.3	New!
3/4	1075	115/230	7.3/3.7	1.00	56	C060	Ball	TENV	B	Auto	11.3	9.3	26,68
1	3450	115/208-230	15.4/7.7	1.40	48	BF1102	Ball	ODP	A	Auto	11.6	10.0	55,61,66,78
1	3450	115/208-230	15.4/7.7	1.40	56	BK1102	Ball	ODP	A	Auto	11.9	10.0	55,61,66,78
1	3450	208-230/115	6.6-6.0/12.0	1.25	56	B589	Ball	ODP	B	Auto	11.4	9.5	
1	3450	208-230/115	6.6-6.0/12.0	1.25	56	B703	Ball	ODP	B	None	11.4	9.5	
1	3450	115/208-230	14.4/7.8-7.2	1.25	56	B779	Ball	ODP	B	None	11.4	9.5	New!
1	3450	208-230/115	6.6-6.0/12.0	1.25	56	B701	Sleeve	ODP	A	Auto	11.4	9.5	
1	1725/1425	115/208-230	14.4/6.6-7.2	1.25	56H	RS1104AV1	Sleeve	ODP	B	Auto	11.8	9.8	6, New!
1	1725/1425	115/208-230	14.4/6.6-7.2	1.25	56	RB1104AV1	Ball	Open	B	Auto	11.8	9.8	6, New!
1	1725	208-230/115	6.2-6.3/12.6	1.15	56Z	C523V1	Ball	ODP	B	Auto	11.9	9.5	26,344
1	1725	208-230/115	6.2-6.3/12.6	1.25	56	C524	Ball	ODP	B	None	11.4	9.5	
1	1725	208-230/115	6.2-6.3/12.6	1.25	56	C692	Sleeve	ODP	B	Auto	11.4	9.5	
1	1725	230/115	6.5/13.0	1.00	56	C766	Sleeve	ODP	A	Auto	11.4	9.5	
1	1140	115/230	12.8/6.4	1.15	56	C342	Ball	ODP	B	Auto	13.2	11.3	New!
1	1140	115/230	12.8/6.4	1.15	56	C343	Ball	ODP	B	None	13.2	11.3	New!
1 1/2	3450	208-230/115	8.6-8.0/16.0	1.20	56	B722L	Ball	ODP	B	Auto	12.2	10.3	
1 1/2	3450	115/208-230	18.9/9.1-8.9	1.15	56	B799	Ball	ODP	B	None	12.2	10.3	New!
1 1/2	1725	208-230/115	7.8-7.5/15.0	1.20	56	C621	Ball	ODP	B	Auto	12.7	10.8	5,\$
1 1/2	1725/1425	115/208-230	19.2/9.6	1.20	56H	RB1154AV1	Ball	Open	B	Auto	12.8	10.8	6, New!
2	3450	208-230/115	10.0-9.5/19.0	1.20	56	B837	Ball	ODP	B	None	12.2	10.3	New!
2	1725	115/230	18.0/9.0	1.15	56H	C238	Ball	ODP	B	Auto	14.0	12.0	New!
2	1725	115/230	18.0/9.0	1.15	56	C239	Ball	ODP	B	None	14.0	12.0	New!
2	1725	115/208-230	22.0/11.0	1.15	56H	RB1204AV1	Ball	Open	B	Auto	12.8	10.8	New!

## Notes:

- \$ Energy Efficient
  - 5. \$ Energy Efficient two value capacitor start, capacitor run motor
  - 6. 50/60 HZ
  - 26. Extended thru bolts, shaft end only
  - 55. Terminal board
  - 61. Start capacitor inside
  - 66. Sealed switch design
  - 68. PSC Motor
  - 78. Moderate start torque
  - 344. 5/8" keyed shaft - 2.31" long
- See page 247 for mounting dimensions



**Shaft Dimensions**  
 48 = 1/2" Flat x 1-5/8"  
 56 = 5/8" Keyed x 1-7/8"