

## Motor Start Capacitors

BMI's Motor Start units are non-polarized aluminum electrolytic capacitors designed for intermittent AC duty. These capacitors are used in starting fractional horsepower, single-phase electric motors, as well as in gear motor applications. The capacitors are housed in rugged plastic cases, which require no added insulation. Mounting hardware, end caps and brackets are available to facilitate mounting.

### Features:

- Plastic Case, Moisture and Oil Resistant
- Voltages from 110 VAC- 330 VAC
- 091A Meets EIA Type 1 Specifications
- 092A Meets EIA Type 2 Specifications
- UL Recognized Capacitors

### General Specifications:

- **Operating Temperature:**  
-40 to +65°C
- **Voltage Range:**  
110 - 330 VAC
- **Capacitance Range:**  
21 - 1280μF
- **Capacitance Tolerance:**  
-0%/+20%
- **Operating Frequency:**  
50 - 60Hz
- **Case Size**  
8 Standard Sizes from 1.437" x 2.750" - 2.562" x 4.365"
- **Termination:**  
¼" Quick Disconnect Terminals (Std.)
- **Performance Specifications:**  
Meets Requirements of EIA-463-A 091A Meets Type 1 Heavy Duty, Specifications 092A Meets Type 2, Standard Duty, Specifications.



110/125V		
Global No.	MFD	Can Size
1002	21-25	1
1003	25-30	1
1004	30-36	1
1005	36-43	1
1006	43-52	1
1007	53-64	1
1007A	64-77	1
1008	72-86	1

110/125V Cont.		
Global No.	MFD	Can Size
1009	88-106	1
1010	108-130	1
1011	124-149	1
1012	130-156	1
1013	145-174	1
1014	161-193	1
1015	189-227	1
1016	200-240	1
1017	216-259	1
1018	233-280	1
1018A	243-292	1
1019	270-324	1
1020	300-360	1
1021	324-389	1
1022	340-408	2
1023	378-454	2
1024	440-480	2
1024A	430-516	2
1025	460-552	2
1026	540-648	4
1027	590-708	4
1027A	645-774	4
1028	708-850	4
1028A	800-900	7
1028AB	815-978	7
1029	829-995	7
1030	1000-1200	7

## Motor Start Capacitors Cont.

220/250V		
Global No.	MFD	Can Size
1038	21-25	1
1039	25-30	1
1040	30-36	1
1041	36-43	1
1042	43-52	1
1043	53-64	1
1043A	64-77	2
1044	72-86	4
1045	88-106	4
1046	108-130	4
1047	130-156	4
1048	124-149	4
1049	145-174	4
1050	161-193	5
1051	189-227	6
1052	216-259	6
1053	233-280	6
1053A	243-292	7
1054	270-324	7
1054A	297-356	7

330V		
Global No.	MFD	Can Size
1055	21-25	2
1056	25-30	2
1057	30-36	2
1058	36-43	2
1059	43-52	4
1060	53-64	4
1060A	64-77	4
1061	72-86	4
1062	88-106	4
1063	108-130	7
1064	130-156	7
1065	124-149	7
1066	145-174	7
1067	161-193	7
1068	189-227	7
1069	216-259	7
1071	270-324	7

Can Size		
No.	Diameter (inches)	Length (inches)
1	1.4375	2.75
2	1.4375	3.375
3	1.4375	4.375
4	1.8125	3.375
5	1.8125	4.375
6	2.0625	3.375
7	2.0625	4.375