

Motor Run Capacitors

Product 370V, Single Capacitance, Motor Run Capacitor Series

Purpose The DiversiTech Motor Run Capacitors are guaranteed for 10,000 hours of life under normal operating conditions. They have an operating life of 94% at 60,000 hours. They are single capacitance, and designed for continuous run.

- Features**
- Quick connect terminals
 - Oval metal housing
 - Applied Standard: UL-810; CSA22.2 No190, IEC60252
 - Meets 10,000 AFC safety requirement per UL-810
 - Oil Filled; Non PCB

- General Specifications**
- UL Recognized
 - Connection Size: 0.250 in
 - Connection Type: Tab
 - Permissible Temperature: -40°C to +70°C
 - Capacitance Tolerance +/-5%
 - Withstanding Voltage test Between Terminals: Rated Voltage X 1.75VAC, 10sec Between Terminals and Case: Rated Voltage X 2+1000VAC, 60sec
 - Maximum Permissible Voltage: 110% of the rated voltage
 - Maximum Permissible Current: 130% of the rated current

- Dimensions**
- 37050R: H = 2.17 in, Diameter = 1.8 in
 - 37075R: H = 2.17 in, Diameter = 1.8 in
 - 37125R: H = 2.17 in, Diameter = 1.8 in
 - 37150R: H = 2.17 in, Diameter = 1.8 in
 - 37175R: H = 2.17 in, Diameter = 1.8 in
 - 37200R: H = 2.56 in, Diameter = 1.8 in
 - 37250R: H = 2.95 in, Diameter = 1.8 in
 - 37300R: H = 2.76 in, Diameter = 2.0 in
 - 37350R: H = 2.95 in, Diameter = 2.0 in
 - 37400R: H = 3.35 in, Diameter = 2.0 in
 - 37450R: H = 3.54 in, Diameter = 2.0 in
 - 37550R: H = 3.94 in, Diameter = 2.0 in
 - 37600R: H = 4.33 in, Diameter = 2.0 in
 - 37800R: H = 4.33 in, Diameter = 2.1 in

General Characteristics

Model	Voltage	Frequency	Capacitance	Weight
37050R	370 VAC	50-60 Hz	5 µF	0.2 lbs
37075R	370 VAC	50-60 Hz	7.5 µF	0.2 lbs
37125R	370 VAC	50-60 Hz	12.5 µF	0.2 lbs
37150R	370 VAC	50-60 Hz	15 µF	0.2 lbs
37175R	370 VAC	50-60 Hz	17.5 µF	0.2 lbs
37200R	370 VAC	50-60 Hz	20 µF	0.4 lbs
37250R	370 VAC	50-60 Hz	25 µF	0.2 lbs
37300R	370 VAC	50-60 Hz	30 µF	0.2 lbs
37350R	370 VAC	50-60 Hz	35 µF	0.2 lbs
37400R	370 VAC	50-60 Hz	40 µF	0.4 lbs
37450R	370 VAC	50-60 Hz	45 µF	0.4 lbs
37550R	370 VAC	50-60 Hz	55 µF	0.6 lbs
37600R	370 VAC	50-60 Hz	60 µF	0.8 lbs
37800R	370 VAC	50-60 Hz	80 µF	0.8 lbs



Dissipation Chart

Capacitor Value Range	Dissipation Factor Max.
up to 7.5µF	0.10%
7.6µF to 15µF	0.25%
16µF to 25µF	0.30%
26µF to 40µF	0.45%
41µF to 70µF	0.70%

