

Motor Run Capacitors

Product 37 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 dual 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

- 37600R: H = 4.53in, L = 3.5in, W = 3.25in
- 37020H: H = 3.0in, L = 2.25in, W = 1.5in
- 37030H: H = 2.75in, L = 2.25in, W = 1.25in
- 37100HB: H = 3.25in, L = 2.25in, W = 1.5in
- 45020H: H = 3.75in, L = 2.25in, W = 1.5in
- 45030H: H = 2.25in, L = 2.25in, W = 1.5in
- 45175H: H = 4.75in, L = 2.25in, W = 2.25in
- 45600H: H = 6.0in, L = 3.0in, W = 2.0in

General Characteristics

Anchor Model	Voltage	Frequency	Hertz	Weight
37600R	370 VAC	50-60 Hz	60µF	0.8 lbs
37020H	370 VAC	50-60 Hz	2µF	0.2 lbs
37030H	370 VAC	50-60 Hz	3µF	0.2 lbs
37100HB	370 VAC	50-60 Hz	10µF	0.2 lbs
45020H	440 VAC	50-60 Hz	2µF	0.2 lbs
45030H	440 VAC	50-60 Hz	3µF	0.2 lbs
45175H	440 VAC	50-60 Hz	17.5µF	0.4 lbs
45600H	440 VAC	50-60 Hz	60µF	1.0 lbs



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

