

ROUND MOTOR RUN AC ELECTROLYTIC

MRRC SERIES

The MRRC Series Motor Run Capacitors offer outstanding electrical characteristics, high capacitance stability over time and temperature, and very low internal power losses (Dissipation Factor). Possible applications include; electric motor, pumps, air conditioning, compressor, lighting, and general purpose AC applications.

FEATURES:

- Two .250" Quick Connect Terminals
- Low-Loss, Self-Healing Metallized Polypropylene Film Dielectric
- Round Aluminum Case
- 370VAC and 440VAC Types
- 10,000 AFC Protected

RATINGS

Capacitance Range:

370 Volts – 4 μ F to 70 μ F

440 Volts – 20 μ F to 70 μ F

PERFORMANCE SPECIFICATIONS

Operating Temperature Range:

4 μ F to 25 μ F – -25° to +85°C

30 μ F to 70 μ F – -40° to +70°C

Operating Frequency: 50 – 60Hz

Insulation Resistance: 2000M Ω min between terminals and case

Dissipation Factor:

4 μ F to 25 μ F – 0.15% Max at 60Hz, +25°C

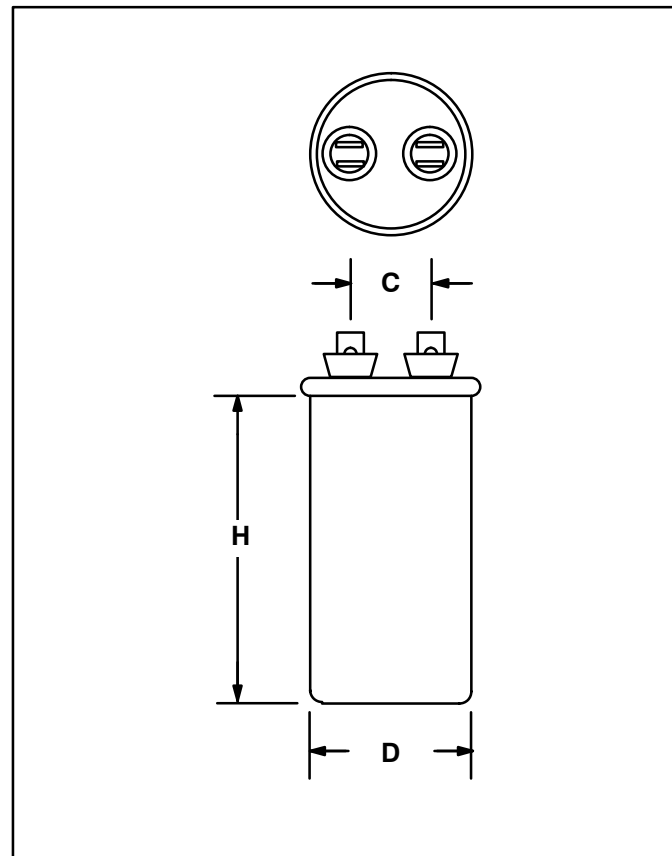
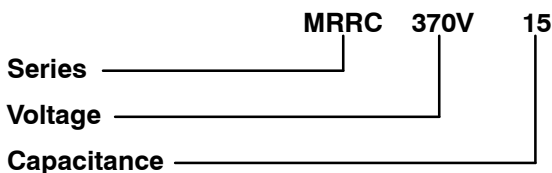
30 μ F to 70 μ F – 0.1% Max

Overvoltage: 175% of standard rated voltage for 10 seconds

CAPACITOR CONSTRUCTION

These devices feature a low-loss, self-healing metallized Polypropylene Film dielectric system, which is oil-filled, and is protected by a 10,000 AFC Safety Pressure Interrupter.

ORDERING INFORMATION



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370VAC Ratings and Dimensions

NTE Type Number	Capacitance μF	Tolerance %	Case Dimensions * – Inch (mm)		
			D	H	C
MRRC370V4	4	6	1.75 (44.5)	2.00 (50.8)	0.85 (21.6)
MRRC370V5	5	6	1.75 (44.5)	2.00 (50.8)	0.85 (21.6)
MRRC370V7R5	7.5	6	1.75 (44.5)	2.00 (50.8)	0.85 (21.6)
MRRC370V15	15	6	1.75 (44.5)	2.38 (60.5)	0.85 (21.6)
MRRC370V20	20	6	1.75 (44.5)	2.63 (66.8)	0.85 (21.6)
MRRC370V25	25	6	1.75 (44.5)	2.63 (66.8)	0.85 (21.6)
MRRC370V30	30	6	1.78 (45.2)	2.79 (70.9)	0.85 (21.6)
MRRC370V35	35	6	2.00 (50.8)	3.00 (76.2)	0.85 (21.6)
MRRC370V40	40	6	1.75 (44.5)	3.75 (95.3)	0.85 (21.6)
MRRC370V45	45	6	2.00 (50.8)	3.38 (85.9)	0.85 (21.6)
MRRC370V50	50	6	2.00 (50.8)	3.75 (95.3)	0.85 (21.6)
MRRC370V55	55	6	2.07 (52.6)	4.25 (108.0)	0.85 (21.6)
MRRC370V60	60	6	2.00 (50.8)	3.75 (95.3)	0.85 (21.6)
MRRC370V65	65	6	2.00 (50.8)	4.00 (101.6)	0.85 (21.6)
MRRC370V70	70	6	2.00 (50.8)	4.75 (120.7)	0.85 (21.6)
MRRC370V80	80	6	–	–	–

* These dimensions are for reference only, please consult the factory for actual size.

440VAC Ratings and Dimensions

NTE Type Number	Capacitance μF	Tolerance %	Case Dimensions * – Inch (mm)		
			D	H	C
MRRC440V20	20	6	1.75 (44.5)	2.75 (69.9)	0.84 (21.3)
MRRC440V25	25	6	1.75 (44.5)	3.00 (76.2)	0.84 (21.3)
MRRC440V30	30	6	1.75 (44.5)	3.38 (85.9)	0.81 (20.6)
MRRC440V35	35	6	1.75 (44.5)	3.75 (95.3)	0.81 (20.6)
MRRC440V40	40	6	1.75 (44.5)	4.00 (101.6)	0.81 (20.6)
MRRC440V45	45	6	2.07 (52.6)	4.33 (110.0)	0.81 (20.6)
MRRC440V50	50	6	2.00 (50.8)	3.75 (95.3)	0.81 (20.6)
MRRC440V55	55	6	2.00 (50.8)	4.00 (101.6)	0.81 (20.6)
MRRC440V60	60	6	2.50 (63.5)	3.75 (95.3)	0.81 (20.6)
MRRC440V65	65	6	2.50 (63.5)	4.00 (101.6)	0.81 (20.6)
MRRC440V70	70	6	2.50 (63.5)	4.75 (120.7)	0.81 (20.6)
MRRC440V80	80	6	2.50 (63.5)	4.75 (120.7)	0.81 (20.6)

* These dimensions are for reference only, please consult the factory for actual size.