

DUAL ROUND MOTOR RUN AC ELECTROLYTIC

MRRC SERIES

The MRRC Series Dual 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:

- Dual Rated Values
- Three .250" Quick Connect Terminals
- Round Aluminum Case
- Aluminum Oil Filled Construction
- Plastic Dry Construction
- 370VAC and 440VAC Types
- 10,000 AFC Protected

RATINGS

Capacitance Range:

370 Volts – 5 μ F / 15 μ F to 5 μ F / 80 μ F

440 Volts – 5 μ F / 15 μ F to 7.5 μ F / 60 μ F

PERFORMANCE SPECIFICATIONS

Operating Temperature Range: -40°C to +70°C

Dissipation Factor: 0.1% Max

Leakage Current: 30 μ A Max

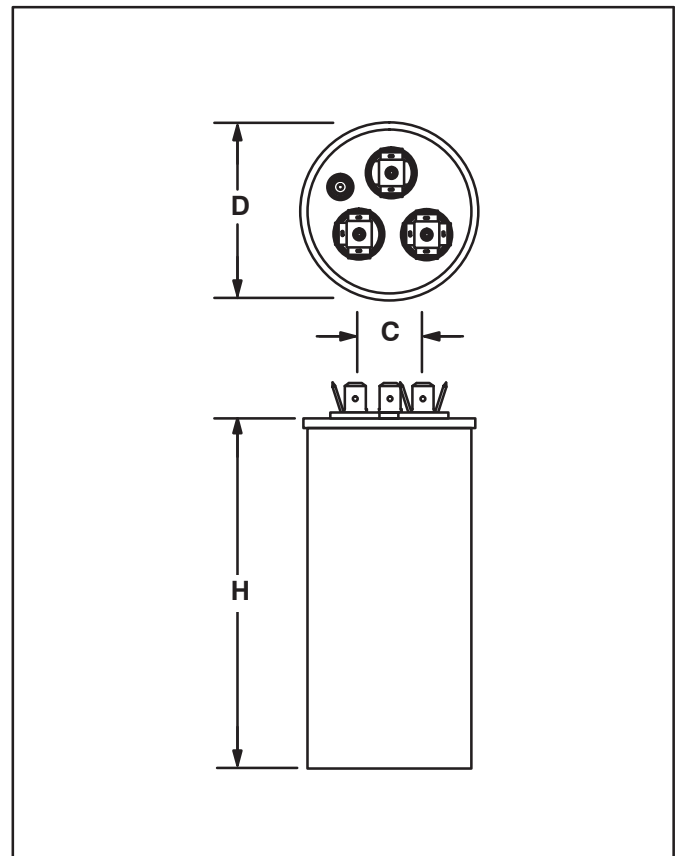
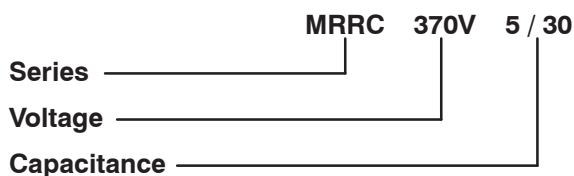
Operating Frequency: 50 – 60Hz

Operating Life: 60,000 hours with 94% survival

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
MRRC370V5/15	5 / 15	6	2.07 (52.6)	2.17 (55.0)	0.81 (20.6)
MRRC370V7R5/15	7.5 / 15	6	2.07 (52.6)	2.75 (69.9)	0.81 (20.6)
MRRC370V5/20	5 / 20	6	2.07 (52.6)	2.56 (65.0)	0.81 (20.6)
MRRC370V7R5/20	7.5 / 20	6	2.07 (52.6)	2.75 (69.9)	0.81 (20.6)
MRRC370V10/20	10 / 20	6	2.07 (52.6)	2.95 (75.0)	0.81 (20.6)
MRRC370V5/25	5 / 25	6	2.00 (50.8)	2.63 (66.68)	0.81 (20.6)
MRRC370V7R5/25	7.5 / 25	6	2.07 (52.6)	2.95 (75.0)	0.81 (20.6)
MRRC370V10/25	10 / 25	6	2.07 (52.6)	3.13 (79.38)	0.81 (20.6)
MRRC370V3/30	3 / 30	6	2.07 (52.6)	2.95 (75.0)	0.81 (20.6)
MRRC370V5/30	5 / 30	6	2.00 (50.8)	3.13 (79.38)	0.81 (20.6)
MRRC370V7R5/30	7.5 / 30	6	2.07 (52.6)	3.35 (85.0)	0.81 (20.6)
MRRC370V10/30	10 / 30	6	2.07 (52.6)	3.54 (90.0)	0.81 (20.6)
MRRC370V5/35	5 / 35	6	2.00 (50.8)	3.13 (79.38)	0.81 (20.6)
MRRC370V7R5/35	7.5 / 35	6	2.00 (50.8)	3.38 (85.72)	0.81 (20.6)
MRRC370V5/40	5 / 40	6	2.00 (50.8)	3.13 (79.38)	0.81 (20.6)
MRRC370V7R5/40	7.5 / 40	6	2.07 (52.6)	3.54 (90.0)	0.81 (20.6)
MRRC370V10/40	10 / 40	6	2.07 (52.6)	3.94 (100.0)	0.81 (20.6)
MRRC370V5/45	5 / 45	6	2.00 (50.8)	3.13 (79.38)	0.81 (20.6)
MRRC370V7R5/45	7.5 / 45	6	2.00 (50.8)	4.00 (101.6)	0.81 (20.6)
MRRC370V10/45	10 / 45	6	2.07 (52.6)	3.94 (100.0)	0.81 (20.6)
MRRC370V5/50	5 / 50	6	2.00 (50.8)	4.25 (108.0)	0.81 (20.6)
MRRC370V7R5/50	7.5 / 50	6	2.07 (52.6)	4.33 (110.0)	0.81 (20.6)
MRRC370V10/50	10 / 50	6	2.07 (52.6)	4.33 (110.0)	0.81 (20.6)
MRRC370V5/55	5 / 55	6	2.00 (50.8)	4.75 (120.7)	0.81 (20.6)
MRRC370V7R5/55	7.5 / 55	6	2.00 (50.8)	4.25 (108.0)	0.81 (20.6)
MRRC370V10/55	10 / 55	6	2.07 (52.6)	4.33 (110.0)	0.81 (20.6)
MRRC370V5/60	5 / 60	6	2.00 (50.8)	4.75 (120.7)	0.81 (20.6)
MRRC370V7R5/60	7.5 / 60	6	2.00 (50.8)	4.75 (120.7)	0.81 (20.6)
MRRC370V5/80	5 / 80	6	2.50 (63.5)	3.88 (98.43)	0.81 (20.6)

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

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440VAC Ratings and Dimensions

NTE Type Number	Capacitance μ F	Tolerance %	Case Dimensions * – Inch (mm)		
			D	H	C
MRRC440V5/15	5 / 15	6	2.07 (52.6)	2.56 (65.0)	0.81 (20.6)
MRRC440V7R5/15	7.5 / 15	6	2.07 (52.6)	2.56 (65.0)	0.81 (20.6)
MRRC440V5/20	5 / 20	6	2.07 (52.6)	2.95 (75.0)	0.81 (20.6)
MRRC440V7R5/20	7.5 / 20	6	2.07 (52.6)	2.95 (75.0)	0.81 (20.6)
MRRC440V5/25	5 / 25	6	2.00 (50.8)	3.38 (85.73)	0.81 (20.6)
MRRC440V7R5/25	7.5 / 25	6	2.07 (52.6)	3.35 (85.0)	0.81 (20.6)
MRRC440V5/30	5 / 30	6	2.00 (50.8)	3.13 (79.38)	0.81 (20.6)
MRRC440V7R5/30	7.5 / 30	6	2.07 (52.6)	3.94 (100.0)	0.81 (20.6)
MRRC440V10/30	10 / 30	6	2.07 (52.6)	3.94 (100.0)	0.81 (20.6)
MRRC440V5/35	5 / 35	6	2.00 (50.8)	3.88 (98.43)	0.81 (20.6)
MRRC440V7R5/35	7.5 / 35	6	2.07 (52.6)	4.33 (110.0)	0.81 (20.6)
MRRC440V5/40	5 / 40	6	2.07 (52.6)	4.33 (110.0)	0.81 (20.6)
MRRC440V7R5/40	7.5 / 40	6	2.07 (52.6)	4.25 (110.0)	0.81 (20.6)
MRRC440V5/45	5 / 45	6	2.46 (62.5)	3.94 (100.0)	0.81 (20.6)
MRRC440V7R5/45	7.5 / 45	6	2.50 (63.5)	3.88 (98.43)	0.81 (20.6)
MRRC440V5/50	5 / 50	6	2.50 (63.5)	4.00 (101.6)	0.81 (20.6)
MRRC440V7R5/50	7.5 / 50	6	2.46 (62.5)	3.94 (100.0)	0.81 (20.6)
MRRC440V5/55	5 / 55	6	2.50 (63.5)	3.88 (98.43)	0.81 (20.6)
MRRC440V7R5/55	7.5 / 55	6	2.50 (63.5)	3.88 (98.43)	0.81 (20.6)
MRRC440V5/60	5 / 60	6	2.50 (63.5)	3.88 (98.43)	0.81 (20.6)
MRRC440V7R5/60	7.5 / 60	6	2.50 (63.5)	3.88 (98.43)	0.81 (20.6)

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