

# HY-Motor run capacitor series

## Applications

Starting and running of single phase motors in alternating current usage.

## Manufacturing

Self-healing metallized polypropylene film capacitors.

Non inductive winding.

Wound capacitor elements fully immersed into resin..

Self-extinguishing plastic case.

Executions:

Flat bottom-metal fixing stud M8 x 12

faston terminals 0.8 x 6.35 simple or double

standard distance  $p=13.2\text{mm} \pm 0.5$

unipolar cable-bipolar cable

discharge-plastic cover





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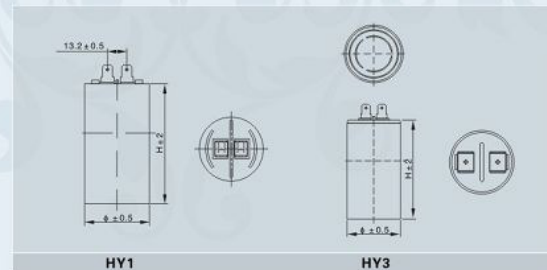
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  - unipolar cable—bipolar cable
  - discharge resistance—plastic cover

### Technical characteristics

Range	1-120 μF
Rated voltage Vn	400V.ac
Rated frequency	50Hz;60Hz
Capacitance tolerance	± 5%; ± 10%
Climatic category	-25+85°C
Dissipation factor(at 50Hz-100Hz and 20°C)	≤ 0.002
Test voltage between armatures	2.15 × Vn for 2s
Test voltage between terminals and case	2.5kV.ac for 1s
Reference standard	EN 60252

### Products Overall Dimension



### Dimensions(mm)

voltage (VAC)	Capacitance (μF)	D × H (mm)	Leads
250-450	3 μF	25 × 57	Fasten connector
	3.5 μF	25 × 57	
	4 μF	25 × 57	
	4.5 μF	32 × 55	
	5 μF	32 × 55	
	6 μF	32 × 55	
	8 μF	32 × 55	
	10 μF	36 × 58	
	12 μF	36 × 70	
	15 μF	40 × 70	
	16 μF	40 × 70	
	18 μF	40 × 70	
	20 μF	40 × 70	
	21 μF	40 × 70	
	22 μF	40 × 70	
	25 μF	45 × 70	
	30 μF	45 × 92	
	31.5 μF	45 × 92	
	35 μF	45 × 92	
	36 μF	45 × 92	
40 μF	45 × 92		
45 μF	50 × 92		
47 μF	50 × 92		
50 μF	50 × 92		
55 μF	50 × 117		
60 μF	50 × 117		
65 μF	50 × 117		
70 μF	55 × 120		
75 μF	55 × 120		
80 μF	60 × 120		
85 μF	60 × 120		
90 μF	60 × 120		
95 μF	60 × 120		
100 μF	60 × 120		

### Products Overall Dimension

