



## CAPRUN

### MULTI-PURPOSE

### Run Capacitors



CAPACITORS

#### Design and Construction

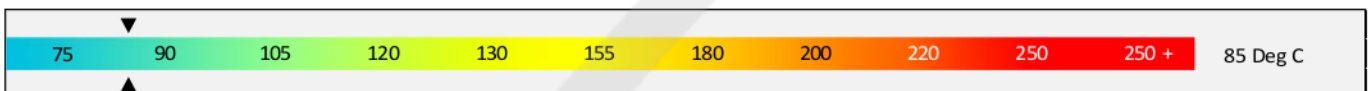
- Cylindrical aluminium case with Stud (M8 or M12) for mounting and earthing.
- Dielectric consists of self healing, low-loss vacuum metallised polypropylene foil.
- Dry type, ensuring there is neither possibility of impregnating liquid leakage nor toxicity.
- Connection is made through either double faston terminals or twin leads 250 mm.
- High strength to vibrations due to the complete immobility of the coil through a special resin of high electrical and mechanical characteristics.
- Able to withstand high temperature variation for harsh environment.
- Alternate design includes the following:
  - Single-faston terminal 6.35 mm
  - Different length of cable
  - Flat can without fixing stud
  - Discharge resistor

#### Applications

Suitable for Motor-Start and Motor-Run application. Designed for permanent connection in the auxiliary winding of 1-phase induction motor, or with star-connected 3-phase motor operating on 1-phase supply. Typically found in applications such as motors, pumps, compressors, power tools, fans, air-conditioning units, lighting, whitegoods and office machinery.

#### Specifications

Properties	Results
Rated Line Voltage	450V (1-Phase)
Rated Line Current	0.14A~11.31A at 50Hz
Rated Frequency	50Hz / 60Hz
Rated Capacitance	1 $\mu$ F - 80 $\mu$ F
Insulation Resistance	> 10,000 M $\Omega$ . $\mu$ F
Tolerance	$\pm$ 5% ( $\pm$ 10% for C $\leq$ 4 $\mu$ F)
Temperature Class	-25 $^{\circ}$ C~+85 $^{\circ}$ C
Typical loss	< 0.05%
Standards Conformance	VDE0560, EN60252, IEC60252, CEI252



#### Temperature Rating