

## MAGNUM START CAPACITOR



MAGNUM CAPACITORS are heavy duty and the construction is burst-proof which are characterized by their high resistance to insulation and lowest watt loss in its class.

Magnum start capacitors briefly increase motor starting torque and allow a motor to be cycled on and off rapidly.

### APPLICATIONS

Start capacitors are normally used in AC motors to aid in starting efficiency.

#### And also used in:

- Air conditioners.
- Refrigerators.
- Forced air heat furnaces.
- Motor pump sets.
- Exhaust fans.
- Washing machines.
- Chilling plant motors.
- Mono block pumps.
- Coolers.

### SALIENT FEATURES

- Ambient operating temperature range.
- Lowest watt loss.
- Self healing properties.
- High insulation resistance.
- Very low dissipation factor.
- High performance metalized polypropylene film.
- Non – toxic.
- Long serving life.

### FUNCTIONS

- They are designed for short-time duty.
- They help motors achieve the most beneficial phase angles between start and main windings for the most locked-rotor torque per locked-rotor ampere.

### TECHNICAL SPECIFICATIONS

Type : Dielectric

Duty Frequency Range : 50 Hz

Rated Voltage : 230V

Capacitance Tolerance :  $\pm 5\%$

Ambient Temperature : -25 to 55°C

**SELECTION AND ORDERING RATINGS**

Sl. No	Catalogue No	Type	Capacitor Range (µf)
1	C75	Start	60-80
2	C8	Start	80-100
3	C9	Start	100-120
4	C10	Start	120-150
5	C11	Start	150-200
6	C52	Start	200-250

\*The specifications shown may vary from the actual product. Please contact for the latest update.

**MAGNUM PRODUCT RANGE****A. Major Product Lines**

•Submersible Pump Panels- D.O.L (Single and Three Phase) •Open Well Pump Panels •DOL Motor Starters

**B. Sub - Assemblies**

•AC Contactors • Over Load Relays •Run & Start Capacitors •Preventer with Auto-Start- Voltage Sensing

**C. Spares**

•Contactor Housing •Push Buttons •Coils •Connectors •E-Core •Indicator Lamps •Rotary Switches •Analogue Meters •Spare Part Kits •Motor Starter Spares

