

# AGRISTAR Capacitor

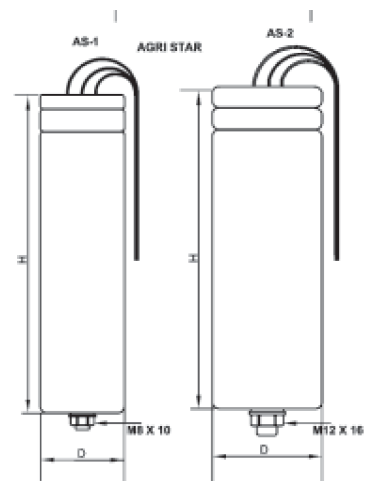


## Application :

- Agricultural loads
- Light loads

## Technical Data :

STANDARDS	IS 13340-1/2
RATED VOLTAGE ( $U_N$ )	440 VOLT
RATED FREQUENCY	50/60 Hz
OVER CURRENT	$1.3 * I_N$
CAPACITANCE TOLERANCE	-5 to +10% As per standards
TEST VOLTAGE, TERMINAL	$1.75 * U_N$ , AC 2S
TEST VOLTAGE, TERMINAL & CASE	3.6 kV, AC 2S
INRUSH CURRENT	Up to $300 * I_N$
CASING	Cylindrical Aluminium Can
MEAN LIFE EXPECTANCY	100,000 h
TEMPERATURE CLASS	-10/55°C
COOLING	Natural air cooled Casing temp. max 60°C permitted on top of the can
DIELECTRIC SYSTEM	Metallized polypropylene film, Self-healing property
IMPREGNATION	NPCB, Hard epoxy
SAFETY FEATURES	Overpressure sensitive 3 phase disconnecter
ALTITUDE	Max. 2000 m above sea level
RELATIVE HUMIDITY	Max. 95%
MOUNTING POSITION	Random
MOUNTING & EARTHING	M8X10mm & M12X16mm threaded stud, on bottom of case with Nut & Washer
DISCHARGE DEVICE	External 3 minutes, 75 V
TERMINALS	For AgriCap – With wire terminals extended 300mm



## Cylindrical – Agristar Capacitor

Agristar Series - Normal Duty – 440 Volts - 50 Hz – 3 Ph – Delta Connection					
Product Code	Output kVAr	Capacitance (in Mfd)	Current (in Amp)	Dimensions D*H (in mm)	Drawing No.
AS-N010-R0440-S1R3	1.0	3*5.48	1.31	50 * 125	AS-1
AS-N020-R0440-S1R3	2.0	3*10.97	2.62	50 * 125	AS-1
AS-N030-R0440-S1R3	3.0	3*16.45	3.93	65 * 130	AS-2
AS-N040-R0440-S1R3	4.0	3*21.93	5.24	65 * 130	AS-2
AS-N050-R0440-S1R3	5.0	3*27.42	6.56	65 * 150	AS-2
AS-N060-R0440-S1R3	6.0	3*32.88	7.87	65 * 190	AS-2

Note :  $U_N$  - RMS Voltage at fundamental frequency without harmonics.  
 $I_N$  - Rated RMS current (line) at rated voltage and frequency without transients.