

SHREEM ELECTRIC LTD., INDIA

TECHNICAL DATA SHEET FOR CAPACITORS FOR 6.3 KV & 10.5 KV, 3 PHASE CAPACITORS

1	Name of the Manufacturer	Shreem Electric Ltd., (India)				
2	Type	Outdoor/ Indoor, Static type				
3	Standard	IEC 60871-1/2014				
Capacitor Unit						
1	Rated output of Unit KVAR	150	300	150	300	450
2	Rated voltage of unit Volts	6.3	6.3	10.5	10.5	10.5
3	Capacitance in microfarad (Line to Line)	6.01	12.03	2.17	4.33	6.5
4	No. of Phases	3 Phase, Internal STAR connected				
5	Rated frequency Hz	50	50	50	50	50
6	Rated current in Amps (Line current)	13.75	27.49	8.25	16.5	24.74
7	Impregnant	Non PCB, Non Toxic Oil				
8	Protection for Capacitor Unit	Internal Element Fuse		External fuse (Not in our scope)		
9	Dielectric medium	Hazy All Polypropylene Film				
10	Watt loss per KVAR (including losses of discharge device & InternalFuse)	< 0.20 Watts / KVAR				
11	Basic Insulation Level					
	a) Power frequency test voltage KV (rms)	38	38	38	38	38
	b) Impulse test votlage KV (peak)	95	95	95	95	95
12	Material of case (Container)	1.5 mm, Stainless Steel Sheet, 409 type				
13	Residual Voltage	Less than 50 Volts				
14	Discharge time	Less than 5 minutes				
15	Time gap between energization & de-energization	5 minutes				
16	Tolerance on microfarad value	- 5% to + 10 %				
17	Approx. dimensions in mm	Dawings are attached for your approval				
18	No. of bushings per unit	3 Nos., Porcelain				
19	Color	ANSI 70, Gray				
20	Creepage distance of bushing in mm	380	380	380	380	380
21	Temperature category	- 20°C/D				
22	Testing	All routines tests as per IEC 60871-1 with test between terminals at 4 times rated votage DC				