

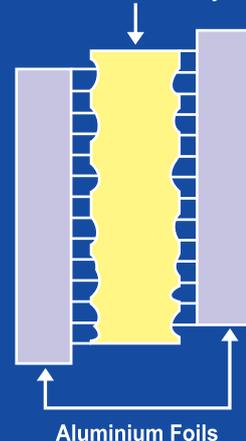
# APP Capacitors



## Description

Neptune APP Capacitors are manufactured using Double Hazy Double Thick Polypropylene films as dielectric between two electrodes of thick soft annealed, 99.35% purity of Aluminium foil and have extended foil construction. Power leads are soldered to the extended portion to make a strong and positive electrical contact which can withstand Heavy inrush and discharge current. Capacitors are impregnated with NPCB, bio-degradable impregnant and are hermetically sealed. Impregnating oil adds to dielectric strength and provides cooling effect.

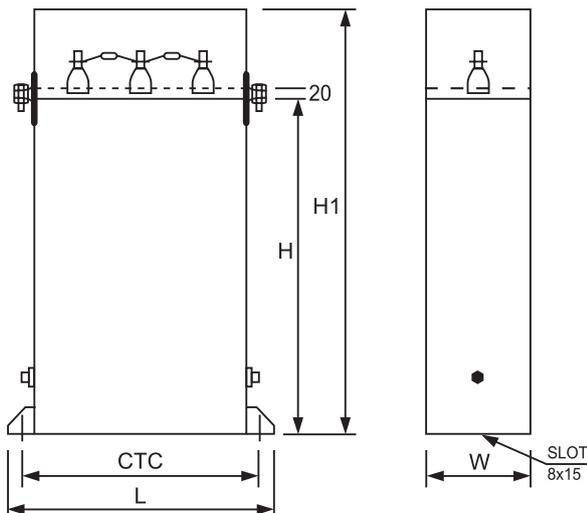
Double Thick Double Hazy PP Film



# Technical Specifications

#	Functional
Standard Voltage Range	415/440/480/525/600V AC
Other Voltage Range	Upto 1000V AC
Frequency	50 Hz / 60 Hz
Impregnant	NPCB
Insulation Level	3 KV
Dielectric Loss	< 0.2 watt/ KVAR
Capacitor Loss	< 0.5 watt/ KVAR
Connection	3 Ph., Delta
Life Expectancy	1,50,000 Hrs
Max. permissible Over Volt	115% of Vn
Max. permissible Over Cur	130% of In

## Dimension :-



### 3 Phase, 50Hz, 440V

KVAR	L	W	H	H1	CTC	Terminal
<b>5 kvar</b>	170	70	270	350	140	M6
<b>7.5 kvar</b>	290	108	135	235	260	M8
<b>10 kvar</b>	290	108	160	260	260	M8
<b>12.5 kvar</b>	290	108	180	280	260	M8
<b>15 kvar</b>	290	108	220	320	260	M8
<b>20 kvar</b>	210	108	370	470	180	M8
<b>25 kvar</b>	240	108	370	470	210	M8
<b>50 kvar</b>	240	215	370	490	210	M10

For 480V and 525V, refer our Dimensional Drawing



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