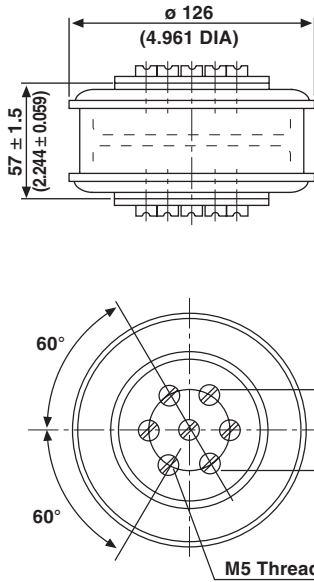
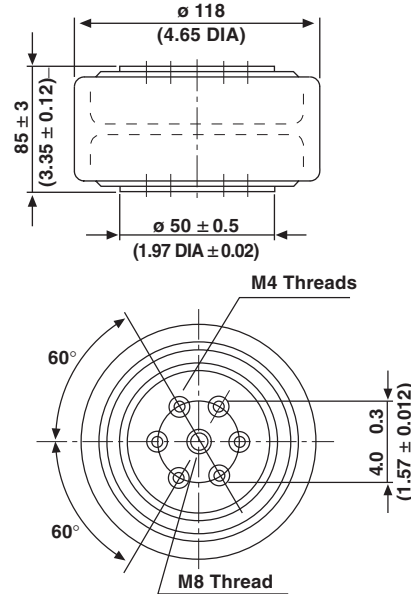


Barrel-Style Capacitors for Dielectric Heating Equipment

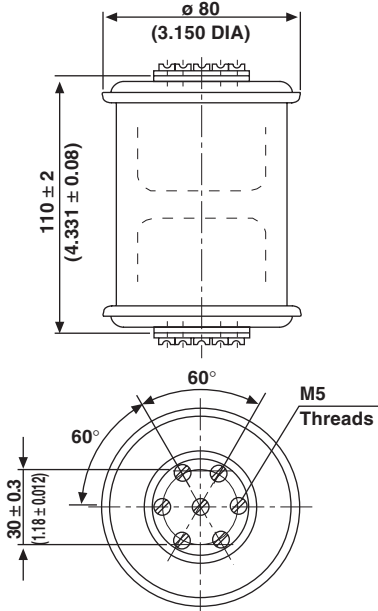
TOSZ 120055 9 KV_p



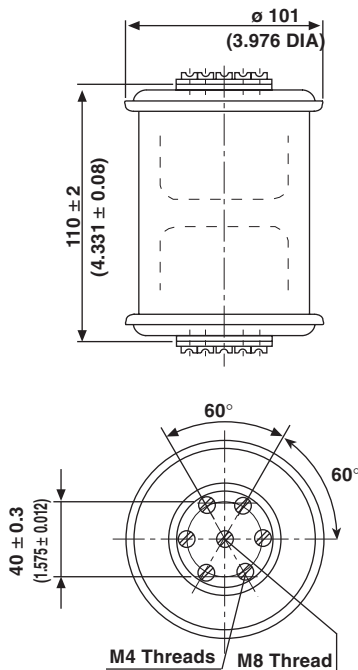
TOSZ 118078 30 KV_p



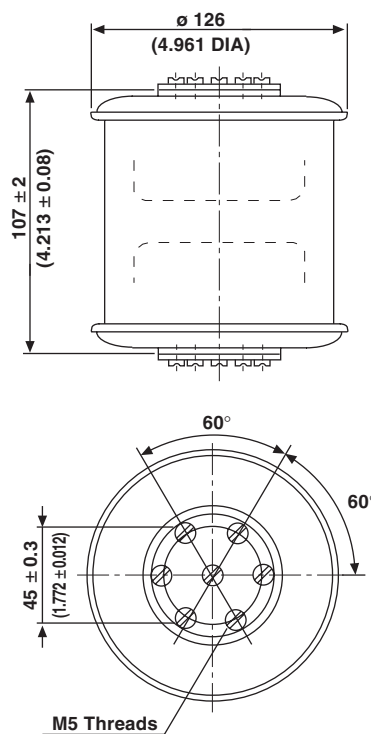
TOSZ 080110 30 KV_p



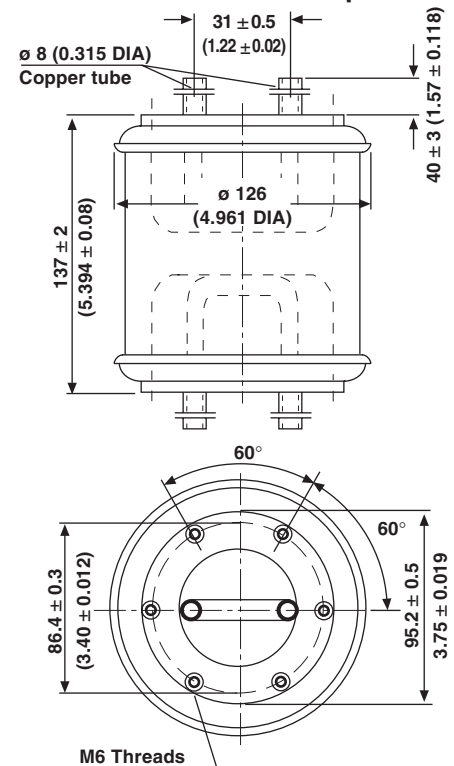
TOSZ 100110 30 KV_p



TOSZ 118100 30 KV_p



TOSW 118115 13.5 KV_p



• Dimensions in millimeters (inches)

ORDERING INFORMATION				
TOSZ 100110	30 KV _p	50 pF	$\pm 10\%$	R 16 High Q
MODEL	RATED VOLTAGE	CAPACITANCE VALUE	TOLERANCE	CERAMIC



TOSZ 080110				
CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV_p]	RATED POWER* [KVA_r]	RATED CURRENT [A_{RMS}]
R 16 High Q	25	30	up to 550	60
TOSZ 100110				
R 16 High Q	50	30	up to 800	100
TOSZ 118078				
R 16 High Q	50	30	up to 800	150
	75			
TOSZ 120055				
R 16 High Q	160	9.0	up to 862	135
	250			
TOSZ 118100				
R 16 High Q	100	30	up to 900	120
TOSW 118115				
R 16 High Q	125	13.5	1941	203

* The surface temperature of 100 °C must not be exceeded.

CAPACITANCE TOLERANCE: ± 10 %

PROPERTIES AND APPLICATION:

These capacitors feature a Q-Factor of greater than 10 000 which makes them ideal in operating frequency range from 0.1 MHz up to 30 MHz where high voltages and currents are present. The TOSZ model can be used as replacements for fixed vacuum capacitors. The construction gives these capacitors an advantage over fixed vacuum capacitors because there is no possibility of vacuum deterioration. Model TOSW 118115 also has additional vacuum water-cooling systems. (One separate watercooling circuit at each electrode terminal).

MATERIAL:

Capacitor elements made from Class 1 “High Q” ceramic dielectric with noble metal electrodes.

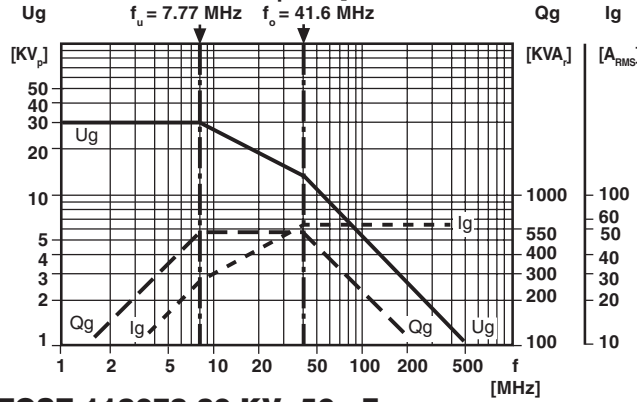
Connection Terminals: Copper/brass, silver plated.

Capacitor body: Completely glazed

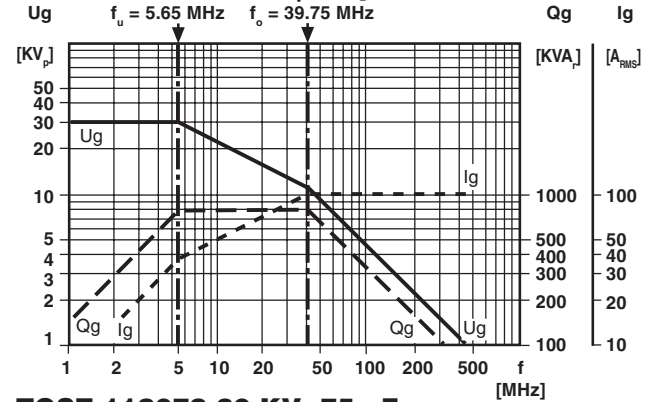
MARKING:

Type designator, capacitance value and tolerance, Rated voltage (peak value), Production date code, Ceramic material code, DRALORIC Logo, Serial number.

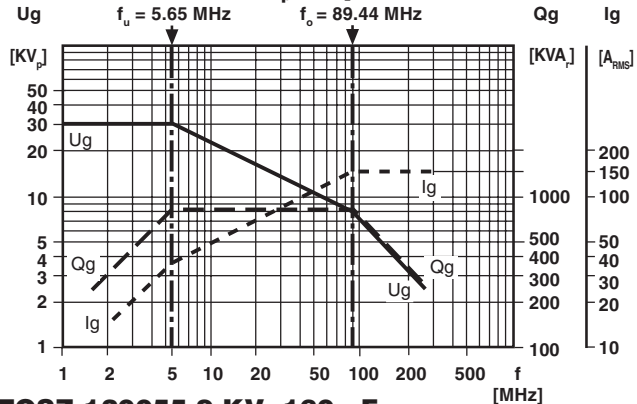
TOSZ 080110 30 KV_p 25 pF



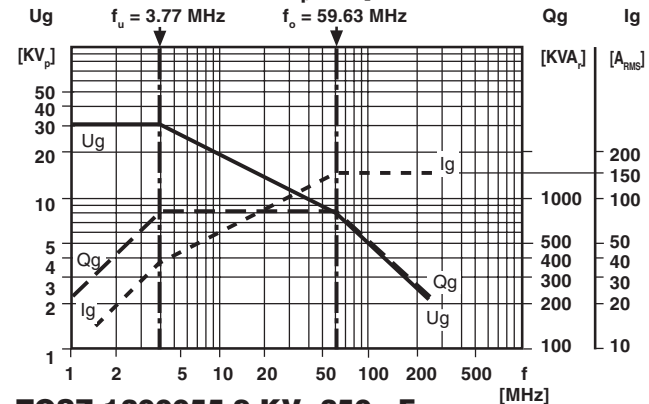
TOSZ 100110 30 KV_p 50 pF



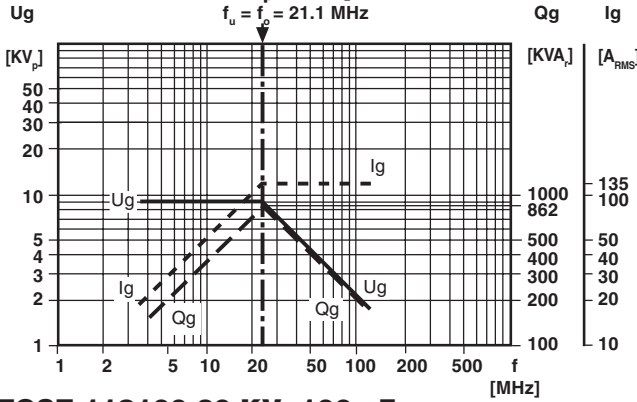
TOSZ 118078 30 KV_p 50 pF



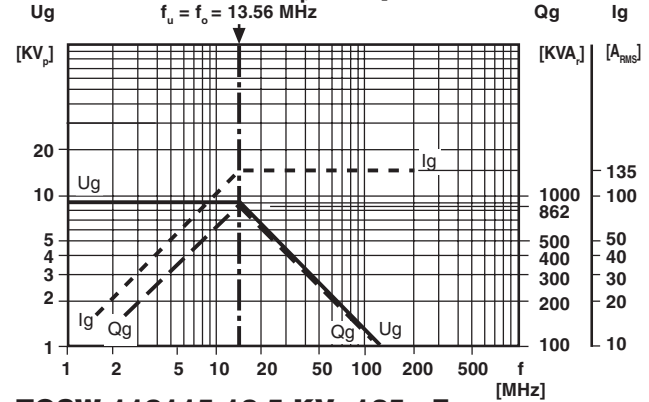
TOSZ 118078 30 KV_p 75 pF



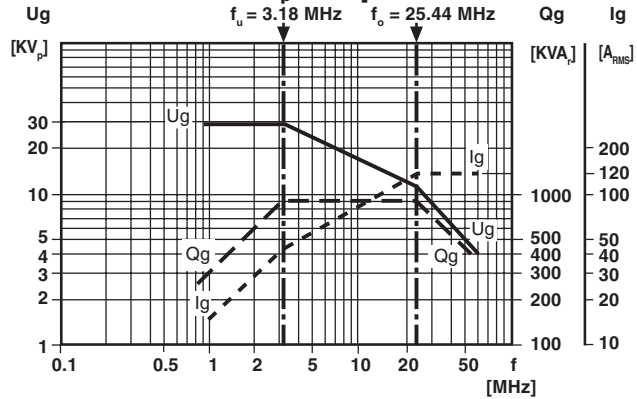
TOSZ 120055 9 KV_p 160 pF



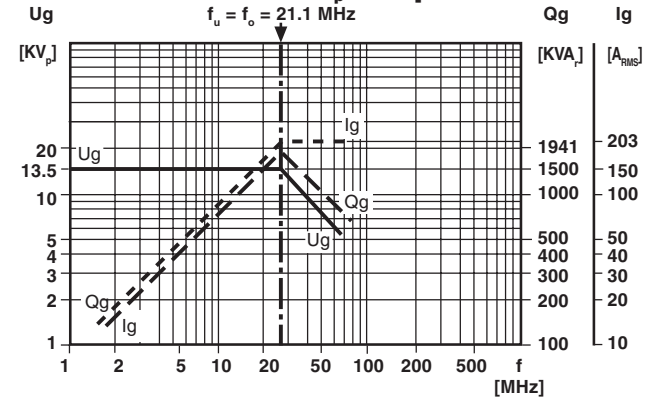
TOSZ 120055 9 KV_p 250 pF



TOSZ 118100 30 KV_p 100 pF



TOSW 118115 13.5 KV_p 125 pF





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