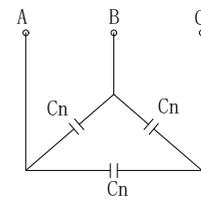
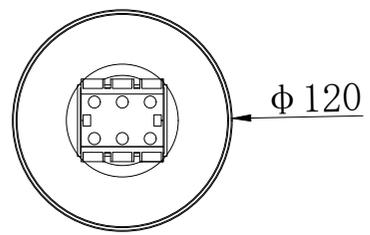
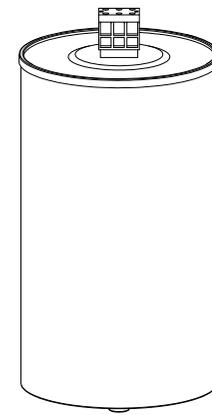
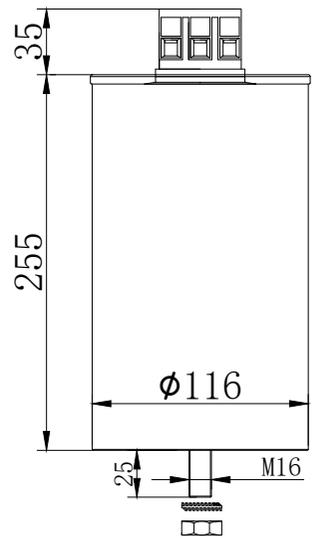


AC-Filter capacitor Three Phase			
<u>Nominal values</u>			
Rated capacity (Q)	Qn	[Kvar]	
Rated capacitance	Cn	[ $\mu$ F]	3×100
Tolerance of capacitance		[%]	+5/-5%
Rated voltage	Un	[Vac]	750 Urms:530Vac
Rated current	I <sub>max</sub>	[A]	47A
Dielectric loss	$\tan \delta_o$	[ $\times 10^{-4}$ ]	$\leq 2$ (1V, 100Hz, 20° C)
Total dissipation factor	$\tan \delta$	[ $\times 10^{-4}$ ]	$\leq 15$ (1V, 100Hz, 20° C)
<u>Maximum rating</u>			
Recurrent peak voltage	U <sub>r</sub>	[Vp]	583 (30min/day) 636 (5msec/day)
<u>Test values</u>			
between terminals	U <sub>t-t</sub>	[VAC]	1140 - 10s
between terminals and case	U <sub>t-c</sub>	[VAC]	3500 - 50Hz - 60s
<u>Climatic conditions</u>			
Operating temperature	$\theta_{amb}$	[°C]	-40 / D
Storage temperature	$\theta$	[°C]	-40 / +85
<u>Expected life time</u>			
Expected lifetime		[h]	$\geq 100,000$
Failure quota	$\lambda$	FIT	<100
<u>Mechanical values</u>			
Estimated Weight		[kg]	2.8
material			AL case
Bottom tightening torque		[Nm]	15
<u>Terminals</u>			
Type			Copper terminal
Terminal tightening torque		[Nm]	8
Creepage distance		[mm]	>35
Clearance in air		[mm]	>20
<u>Mounted</u>			anywhere less than 2000 meters above sea level
<u>Technology</u>			
Dielectric			metallised polypropylene self-healing
Execution according to			IEC60831, IEC 61071



		P/N: C71L3107980GJZ2A0N2T			
		Signature	Date	Datasheet	
Design					
Technics				 SHENZHEN CHUANGSHIDING ELECTRONICS CO., LTD  MKP-530VAC-3*100uF-3Δ	
Approve					