

## ■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 17702(IEC 61071)	
气候类别 Climatic Category	D<116mm: 40/85/56	
工作温度范围 Operating Temperature Range	D<116mm: -40℃~ 85℃(θhs<85℃)	
贮存温度范围 Storage temperature range	40℃~ 85℃	
电压范围 Voltage Range	600Vdc~ 2000Vdc	
电容量范围 Capacitance Range	20μF~ 3000μF	
电容量偏差 Capacitance Tolerance	±5%(J), ±10%(K)	
耐电压(两极之间)Test Voltage Between Terminals	1.5(10s, 20℃±5℃)	
耐电压(极壳之间) Test Voltage Between Terminals And Case	UN<1 500Vdc, 3 000Vac(10s, 50Hz, 20℃±5℃) UN >1 500Vdc, ( 2 UN +1 000)Vac(10s, 50Hz, 20℃±5℃)	
介质损耗角正切 tanδ	2×10 <sup>-4</sup>	
IR×CN	>5 000s (20℃, 500Vdc, 1min)	
过电压 Over Voltage	1.1UN (30% of on-load-dur.)	
	1.15 UN (30min/day)	
	1.2 UN (5min/day)	
	1.3 UN (1min/day)	
	1.5 UN (30ms every time, 1000times during the life of the capacitor)	
预期寿命 Expected lifetime	100 000h @ UN, θhs=70℃	
失效率 Failure rate	50 FITUN	
最高使用海拔 Max. Altitude	2 000m	
安装 Installation	方向 Position	任意方向 Any Position
	引出端形式 Terminal form	螺栓式 Male Terminals 螺孔式 Thread hole type
	安装形式 Fixed style	下部螺栓 Bottom-bolt 中部卡圈 Ring-clip in the middle of case
最大安装扭矩 Max. Torque of Installation	10N ·m	
最大电极扭矩 Max. Torque of terminals	M6:5N ·m	M8:6N ·m

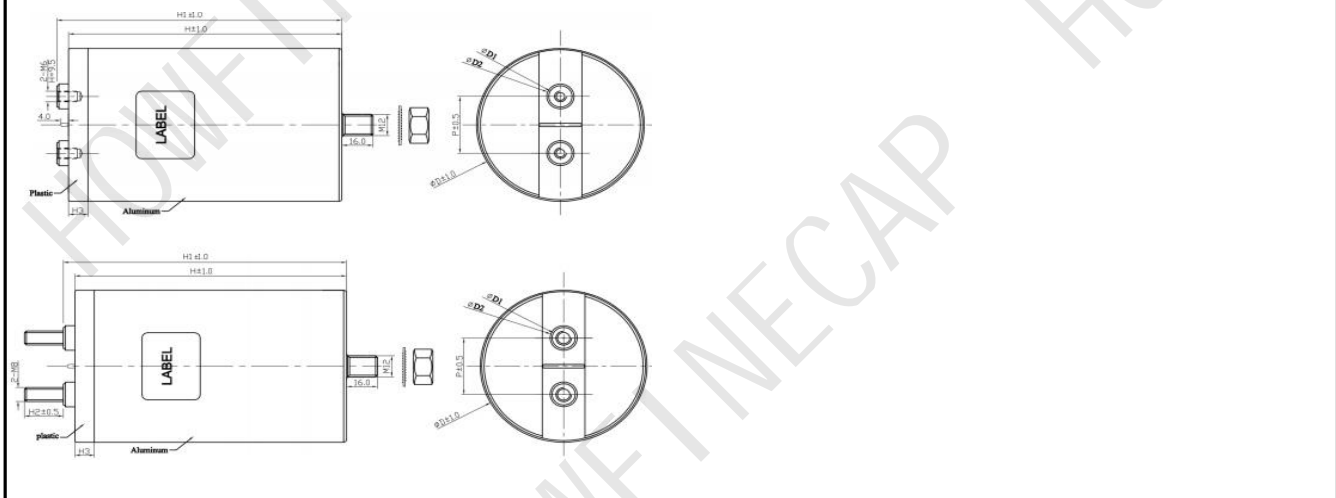
备注：如果海拔使用高度超过了 2 000m，应该考虑海拔对对流冷却和外绝缘的影响。

The effect of altitude on convection cooling and external insulation should be taken into consideration, if the altitude exceeds 2 000m.

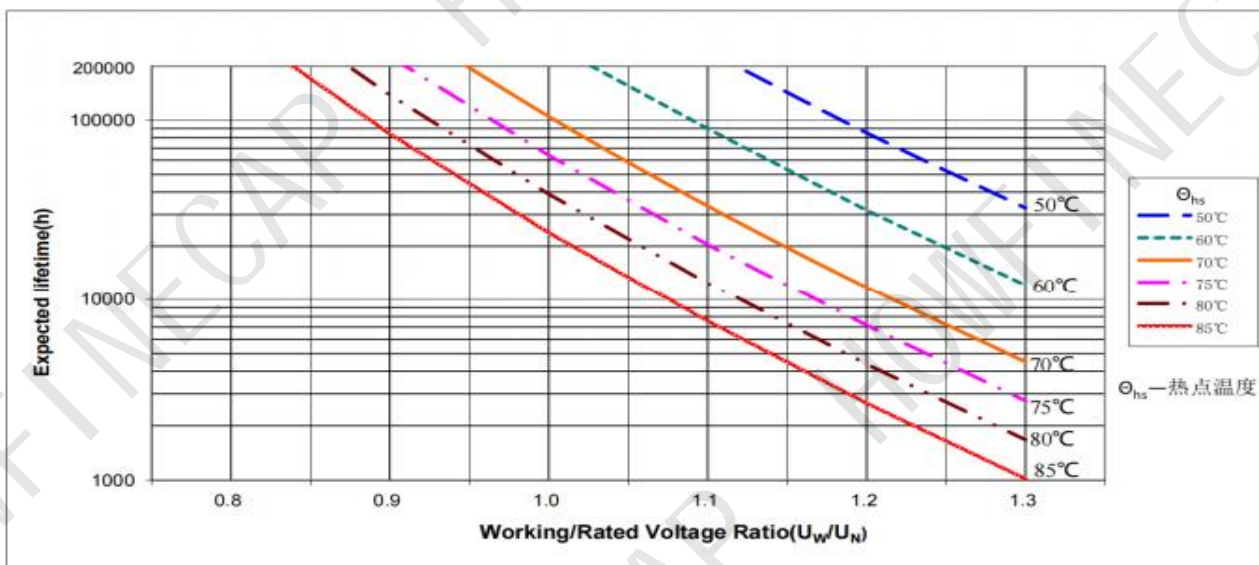
外型圖 Outline Drawing

D= 7 6 mm	P= 3 2 mm; D1= 1 2 mm; D2= 1 4 mm; H3= 1 0 mm	
D= 8 6 mm	P= 3 2 mm; D1= 1 2 mm; D2= 1 4 mm; H3= 1 0 mm or 4 5 mm	
	P= 4 5 mm;	Female terminals: D1= 1 4 mm; D2= 1 6 mm; H3= 1 0 mm or 4 5 mm Male terminals: D1= 1 6 mm; D2= 2 0 mm; H3= 1 0 mm or 4 5 mm
D= 1 0 0 mm	P= 5 0 mm; D1= 1 4 mm; D2= 1 6 mm;	H < 1 0 0 mm, H3 = 1 0 mm
		H > 1 0 0 mm, H3 = 4 5 mm
D= 1 1 6 mm	P= 5 0 mm; D1= 1 4 mm; D2= 1 6 mm;	H < 1 0 0 mm, H3 = 1 0 mm
		H > 1 0 0 mm, H3 = 4 5 mm

H3 can be changed in pursuance of customer's request. (H3=45 mm when rated voltage>1 500 Vdc)



■ 预期寿命曲线 Expected lifetime curve



备注(Note): 特殊规格可按需求定制(Special specifications can be customized according to requirements)