

规格承认书

SPECIFICATION FOR APPROVAL

型号 (Model) : DVDKMJ-S

规格 (Spec.) : 800 μ F \pm 5% 3700V.DC

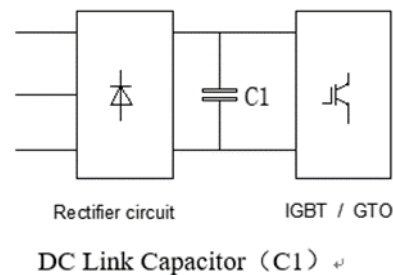
尺寸 (Size) : 340 \times 165 \times 420mm

版本号 Version	更改说明 Description	日期 Date
A/0	初始版本	2024-03-14

编制 MADE	审核 CHECKED	批准 APPROVED	客户承认 CUSTOMER APPROVAL
朱益娟			

Application

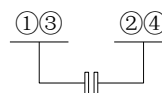
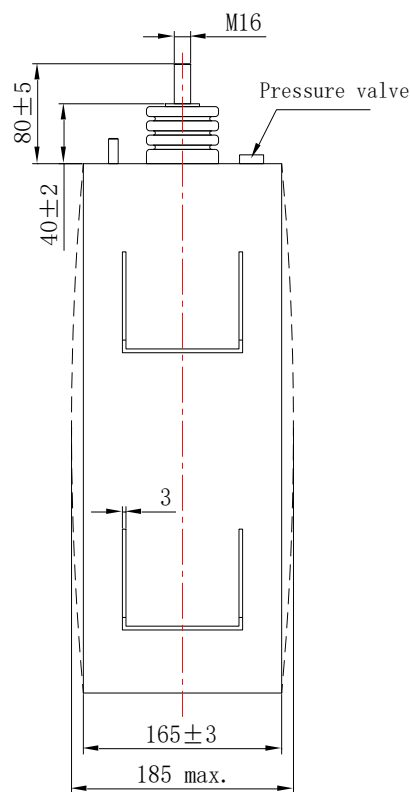
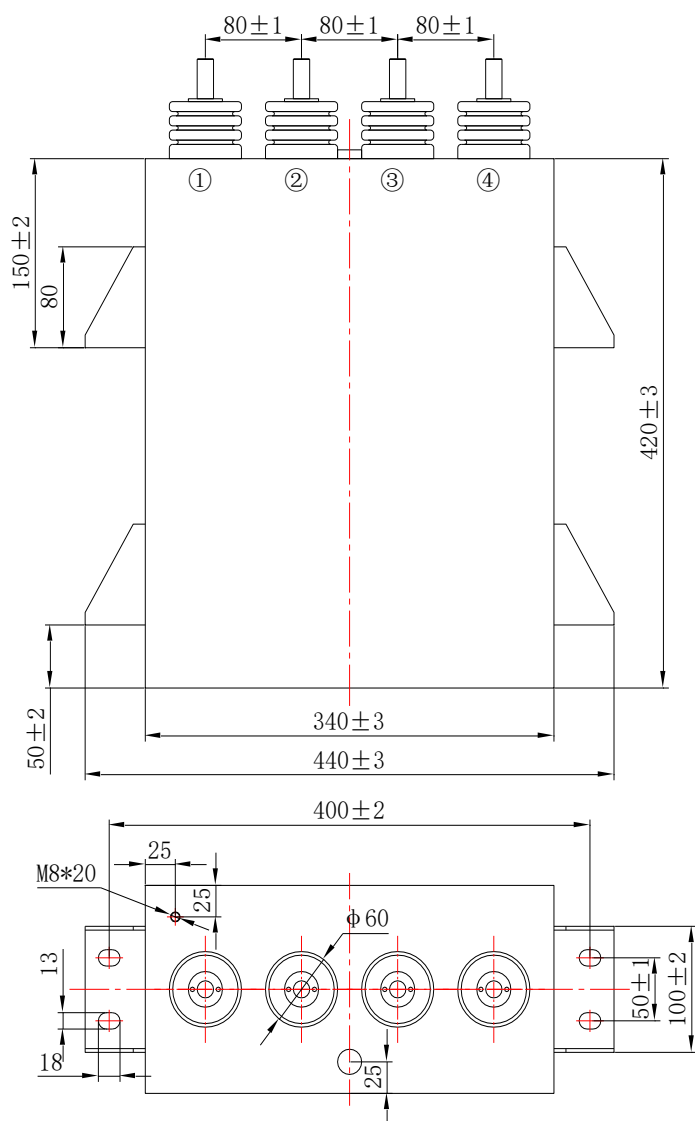
- Widely used in DC-Link circuit for filtering energy storage
- Can replace electrolytic capacitors, better performance and longer life
- Wind power, photovoltaic power inverter; electric vehicles and hybrid vehicles; Locomotive traction converter ;welding equipment ,power supplies and induction heating equipment, for the DC link filter
- Case material: Stainless steel



Standards: IEC61071

Outline drawing

Unit:mm (undeclared tolerance: ±1mm)



code:7tyeit-6tyfie/T(C2)*W(B5)*H(B6)

Technical data

Rated capacitance	C_N	$800 \mu F \pm 5\%$
Rated voltage	U_N	3700V.DC
Non-recurrent surge voltage	U_s	55500V
Maximum current	I_{max}	200A
Maximum peak current	\hat{I}	12kA
Maximum surge current	I_s	36kA
Series resistance	R_s	$\leq 1.2m \Omega$
Tangent of the loss	$\tan \delta$	0.002(100Hz)
Tangent of the loss angle	$\tan \delta 0$	0.0002
Self discharge time const.	$C \times R_{is}$	$\geq 10000S$ (100VDC 60S)
Self inductance	L_e	80nH (typical value)
Lowest operating temperature	\ominus_{min}	-40°C
Maximum operating temperature	\ominus_{max}	85°C
Storage temperature	$\ominus_{storage}$	-40~85°C
Service life	at $\ominus_{hotspot}$	100000 h ($\leq 70^\circ C$)
Failure quota		100Fit
Test data		
Voltage test between terminals	V_{tt}	$1.5U_N/10S$
A.C. voltage test terminal/container	V_{t-c}	6000V.AC/60S
Operating altitude		2000m(max)
Weight		$\approx 36kg$

Mechanical characteristics

Dielectric	DC - metallized polypropylene capacitor, self-healing
Construction	Stainless steel case, welded, brass terminals, plastic insulators
Surface	Untreated
Protection	Without internal safety device, only to be used in uncritical environment
Impregnant	Dry type, PU, Non-PCB