

## WF 螺栓型长寿命品 (CD139型)

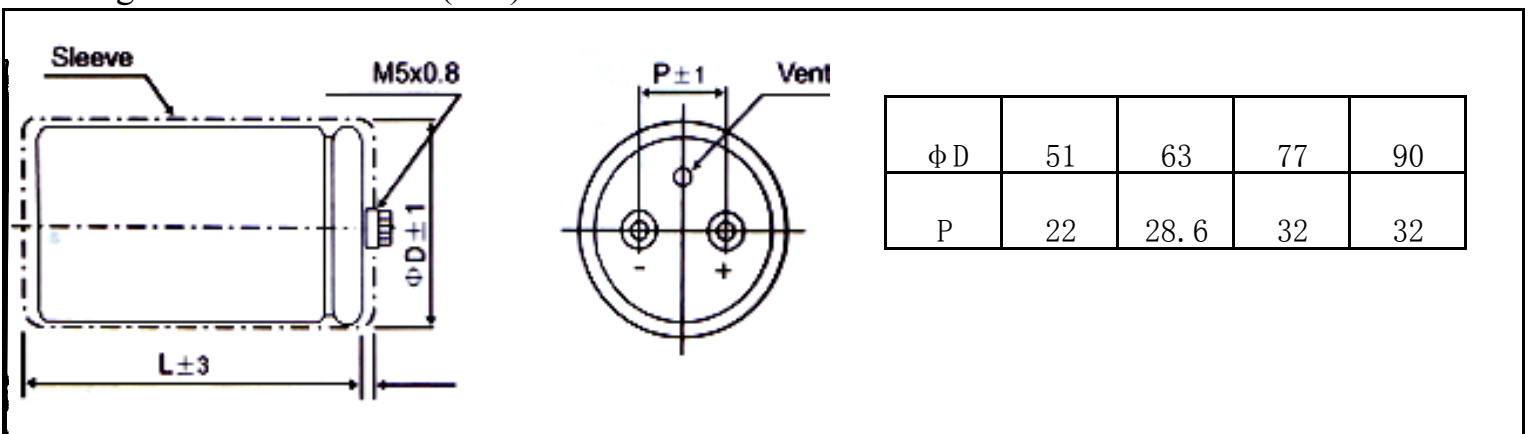


- 小体积, 高耐压, 容量和纹波电流, 具有稳定和可靠的性能.  
Small case size, high rated voltage, capacitance and ripple current, stable and reliable performance, forming complete sets of unclear electric station.
- 适用于工业和电子设备, 如计算机、程控交换机等的滤波和储能中。  
Suit for use in electronic and industrial equipments such as computer, programming control exchanger for power supplies filtering and energy storing.

## Specifications

项目 Items	特性 Characteristics	
工作温度范围 Operating temperature range	-40~+105°C	
额定电压范围 Rated voltage range	350V~450V DC	
静电容量范围 Nominal capacitance tolerance	1000 μF~15000 μF	
静电容量误差 Capacitance tolerance	±20% (120Hz:20°C)	
漏电流 (20°C) leakage current(20°C)	$I \leq 0.02CV$ or 5 mA after 5 minute (whichever is greater) I: Leakage current C: Normal capacitance V: Rated voltage	
损耗角正切 Dissipation factor (120Hz · 20°C)	less than 0.15	
高温负荷特性 Endurance	After applying rated for 5000 hours at 105°C then resumed 16 hours:	
	Capacitance change	Within ±20% of the initial measured value
	tgδ	≤200% of the initial specified value
高温贮存特性 Shelf life	After storage for 1000 hours at 105°C then resumed 16 hours:	
	Capacitance change	Within ±20% of the initial measured value
	tgδ	≤200% of the initial specified value
	Leakage current	≤initial specified value

## Diagram of Dimensions(mm)



## Multiplier for Ripple Current vs. Frequency:

Frequency	50	120	300	1K	≥10K
Factor	0.7	1.00	1.10	1.30	1.40

## Multiplier for Ripple Current vs. Temperature

Temperature°C	40	55	70	85	105
Factor	3.80	3.30	2.50	2.00	1.00

### Standard Ratings

Rated Voltage (V.DC)	Surge Voltage (V.DC)	Rated Capacitance ( $\mu$ F)	MAX ESR 20 °C 120HZ(M $\Omega$ )	Dissipation Factor MAX	Ripple Current 105°C 120HZ(Arms)	Outline Size
						$\phi$ D×L(mm)
350	400	1000	259	0.15	3.9	51×75
		1200	215	0.15	4.2	51×75
		1500	172.0	0.15	5.2	51×96
		1800	143.0	0.15	5.7	51×96
		2200	117.0	0.15	7.1	51×130
		2700	96.0	0.15	7.7	63×96
		3300	78.0	0.15	9.1	63×115
		3900	66.0	0.15	10.4	63×130
		4700	55.0	0.15	12.2	63×155
			55.0	0.15	11.5	76×115
		5600	46.0	0.15	14.6	63×195
			46.0	0.15	13.1	76×130
		6800	38.0	0.15	15.5	76×155
		8200	31.0	0.15	18.1	90×157
		10000	26.0	0.15	19.9	90×157
12000	22.0	0.15	23.8	90×196		
15000	17.0	0.15	28.8	90×236		
400	450	1000	215.0	0.15	3.9	51×75
		1200	179	0.15	4.6	51×96
		1500	143.0	0.15	5.6	51×115
		1800	119.0	0.15	6.4	51×130
		2200	98.0	0.15	6.9	63×96
		2700	80.0	0.15	8.2	63×115
		3300	65.0	0.15	9.5	63×130
		3900	55.0	0.15	11.1	63×155
			55.0	0.15	10.4	76×115
		4700	46.0	0.15	13.4	63×195
			46.0	0.15	12.0	76×130
		5600	39.0	0.15	14.6	63×195
			39.0	0.15	14.0	76×155
		6800	32.0	0.15	16.5	90×157
		8200	26.0	0.15	18.1	90×157
10000	22.0	0.15	21.7	90×196		
12000	18.0	0.15	25.8	90×236		
450	500	1000	215.0	0.15	4.2	51×96
		1200	179.0	0.15	5.0	51×115
		1500	143.0	0.15	5.90	51×130
		1800	119.0	0.15	6.3	63×96
		2200	98.0	0.15	7.4	63×115
		2700	80.0	0.15	8.6	63×130
			80.0	0.15	8.7	76×115
		3300	65.0	0.15	10.2	63×155
			65.0	0.15	10.1	76×130
		3900	55.0	0.15	12.3	63×195
		4700	46.0	0.15	12.9	76×155
		5600	38.0	0.15	15.4	76×195
			38.0	0.15	14.9	90×157
		6800	32.0	0.15	18.0	90×196
		8200	27.0	0.15	19.8	90×196
1000	22.0	0.15	23.6	90×236		