

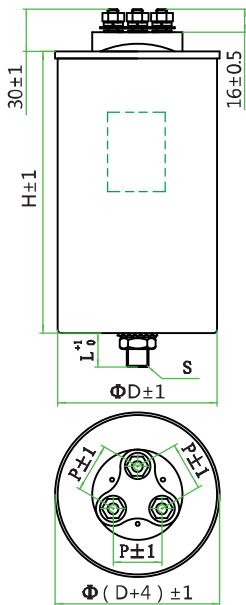
产品特性 Introduction

- ◆ 圆柱形铝外壳封装;
Aluminum round housing package;
- ◆ 干式结构, 无污染、无爆炸危险;
Dry structure, no pollution and explosion hazard;
- ◆ 内设放电电阻和过压力防爆装置;
Internal discharge resistance and over pressure explosion-proof device;
- ◆ 可承较大过电流;
It can bear large over current;
- ◆ 可靠性高、寿命长;
High reliability and life expectancy;
- ◆ 具有自愈性;
With self-healing;
- ◆ 非极性介质。
Non-polar.

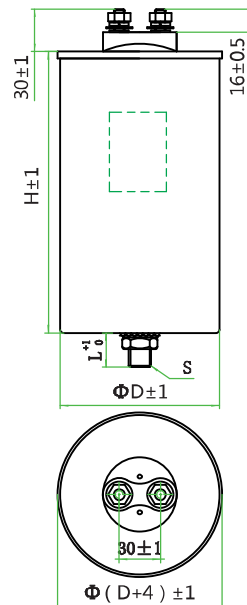
应用领域 Applications

- ◆ 广泛应用于电力电子设备中, 做交流滤波用。
Widely used in power electronic equipment for AC filtering.
- ◆ 用在大功率非线性负荷如变流器、变频器等转换器以及电气传动、焊接机、备用电源等谐波含量较高的供电系统中, 滤除高次谐波、改善电网电压质量。
It is used in high-power non-linear load such as converter, frequency converter and other converters, as well as power supply system with high harmonic content such as electric drive, welding machine, standby power supply, etc., to filter out high-order harmonic and improve power grid voltage quality.
- ◆ 与电感、电阻等其他器件连接在一起, 组成交流滤波器。
It is connected with inductance, resistance and other devices to form an AC filter.
- ◆ 对一种或多种谐波电流提供低阻抗通道, 并提高功率因数。
Provide low impedance channel for one or more harmonic currents and improve power.

外形图 Outline Drawing



D	P	S
86	30	M12×16
96	30	M12×16/M16×25
106	35	M12×16/M16×25
116	35	M12×16/M16×25
126	35	M16×25
136	35	M16×25



D	S
86	M12×16
96	M12×16/M16×25
106	M12×16/M16×25
116	M12×16/M16×25
126	M16×25
136	M16×25



技术参数 Parameter

额定电压	U_N	440Vac ~ 850Vac
容量	Q_N	6.67~50kvar
极间耐压	U_{L-L}	$2.15U_N$ ($25^\circ\text{C} \pm 5^\circ\text{C}$ 、3s)
极壳耐压	U_{L-C}	4000Vac 3s (额定电压 $\leq 650\text{V}$)、6000Vac 3s (额定电压 $> 650\text{V}$)
容量允许偏差	capacitor tolerance	$\pm 5\%$
损耗角正切值	$\tan \delta$	0.0020 (100Hz)
过电流	Over current	$1.3 \times I_N$
浪涌电流	I_s	$200 \times I_N$
环境温度、湿度	Environmental Science	$-25/B$, $< 90\%RH$
引出方式	Extraction	M8螺柱 (扭矩 $5\text{N} \cdot \text{M}$) M8 stud (Torque $\leq 5\text{N} \cdot \text{M}$)
安装方式	Installation	产品垂直向上安装、安装间距 $\geq 30\text{mm}$ Product vertical upward installation, installation distance $\geq 30\text{mm}$
冷却方式	Cooling	自然冷却或强制冷却(安装柜体和配电房间要有充分的通风、必要时安装制冷设备) Natural cooling or forced cooling (adequate ventilation shall be provided for the installation of cabinet and distribution room, and refrigeration equipment shall be installed if necessary)
海拔高度	Altitude	$\leq 2000\text{m}$
预期寿命	Life expectancy	50 000h (U_N 、 $\Delta C/C \leq \pm 3\%$)
参考标准	Reference standards	IEC 60831、GB/T 12747

选型表 Specifications table 三相产品规格表 Three-phase table

U_N Vac	Q_N kvar	C_N μF	I_N A	D mm	H mm	Weight kg	Part No.
440	10	3 × 54.8	3 × 13.1	86	215	1.8	K0440A00010kJD14Z29
440	15	3 × 82.3	3 × 19.7	86	290	2.5	K0440A00015kJD15B29
440	20	3 × 109.7	3 × 26.2	96	290	2.6	K0440A00020kJD15B29
440	22.5	3 × 124.4	3 × 29.5	106	290	3.3	K0440A022D5kJD15B29
440	25	3 × 137.1	3 × 32.8	106	290	3.3	K0440A00025kJD15B29
440	30	3 × 164.5	3 × 39.4	116	290	3.8	K0440A00030kJD15B29
440	30	3 × 164.5	3 × 39.4	96	350	3.3	K0440A00030kJD1**29
440	35	3 × 191.9	3 × 45.9	126	290	4.3	K0440A00035kJD15B29
440	40	3 × 219.3	3 × 52.5	136	290	4.8	K0440A00040kJD15B29
450	10	3 × 52.4	3 × 12.8	86	215	1.8	K0450A00010kJD14Z29
450	15	3 × 78.6	3 × 19.2	86	290	2.5	K0450A00015kJD15B29
450	15	3 × 78.6	3 × 19.2	96	245	2.3	K0450A00015kJD15A29
450	20	3 × 104.8	3 × 25.7	96	290	2.6	K0450A00020kJD15B29
450	25	3 × 131.3	3 × 32.1	106	290	3.3	K0450A00025kJD15B29
450	26.7	3 × 140.3	3 × 34.3	106	290	3.3	K0450A26D70kJD15B29
450	30	3 × 157.3	3 × 38.5	116	290	3.8	K0450A00030kJD15B29
450	35	3 × 183.5	3 × 44.9	126	290	4.3	K0450A00035kJD15B29
450	40	3 × 209.7	3 × 51.3	126	290	4.3	K0450A00040kJD15B29
480	10	3 × 46.1	3 × 12.0	86	215	1.8	K0480A00010kJD14Z29
480	15	3 × 69.1	3 × 18.0	96	290	2.6	K0480A00015kJD15B29
480	20	3 × 92.2	3 × 24.1	96	290	2.6	K0480A00020kJD15B29
480	22.5	3 × 103.7	3 × 27.1	106	290	3.3	K0480A022D5kJD15B29
480	22.5	3 × 103.7	3 × 27.1	116	245	3.1	K0480A022D5kJD15A29
480	25	3 × 115.2	3 × 30.1	106	290	3.3	K0480A00025kJD15B29
480	25	3 × 115.2	3 × 30.1	116	245	3.1	K0480A00025kJD15A29
480	26.7	3 × 123.0	3 × 32.1	116	290	3.8	K0480A26D70kJD15B29
480	30	3 × 138.2	3 × 36.1	116	290	3.8	K0480A00030kJD15B29
480	35	3 × 161.3	3 × 42.1	126	290	4.3	K0480A00035kJD15B29
480	40	3 × 184.3	3 × 48.1	136	290	4.8	K0480A00040kJD15B29
480	45	3 × 207.3	3 × 54.1	136	320	5.3	K0480A00045kJD1**29
480	50	3 × 230.4	3 × 60.1	136	320	5.3	K0480A00050kJD1**29
500	10	3 × 42.5	3 × 11.6	86	215	1.8	K0500A00010kJD14Z29
500	15	3 × 63.7	3 × 17.3	86	290	2.5	K0500A00015kJD15B29
500	20	3 × 84.9	3 × 23.1	96	290	2.6	K0500A00020kJD15B29
500	25	3 × 106.2	3 × 28.9	106	290	3.3	K0500A00025kJD15B29
500	30	3 × 127.4	3 × 34.6	116	290	3.8	K0500A00030kJD15B29
525	10	3 × 38.5	3 × 11.0	96	215	2.0	K0525A00010kJD14Z29
525	15	3 × 57.5	3 × 16.5	86	290	2.5	K0525A00015kJD15B29
525	20	3 × 77.0	3 × 22.0	106	290	3.3	K0525A00020kJD15B29
525	25	3 × 96.3	3 × 27.5	116	290	3.8	K0525A00025kJD15B29
525	27.5	3 × 105.9	3 × 30.2	116	290	3.8	K0525A27D50kJD15B29
525	30	3 × 115.5	3 × 33.0	116	290	3.8	K0525A00030kJD15B29
525	35	3 × 134.8	3 × 38.5	126	290	4.3	K0525A00035kJD15B29
525	40	3 × 154.1	3 × 44.0	136	290	4.8	K0525A00040kJD15B29
550	10	3 × 35.1	3 × 10.5	86	215	1.8	K0550A00010kJD14Z29
550	15	3 × 52.6	3 × 15.8	86	290	2.5	K0550A00015kJD15B29
550	20	3 × 70.2	3 × 21.0	96	290	2.6	K0550A00020kJD15B29
550	25	3 × 87.7	3 × 26.2	106	290	3.3	K0550A00025kJD15B29
550	30	3 × 105.3	3 × 31.5	116	290	3.8	K0550A00030kJD15B29
550	35	3 × 122.8	3 × 36.7	126	290	4.3	K0550A00035kJD15B29
550	40	3 × 140.4	3 × 42.0	136	290	4.8	K0550A00040kJD15B29
690	15	3 × 33.5	3 × 12.6	96	245	2.3	K0690A00015kJD15A29
690	20	3 × 44.6	3 × 16.7	106	245	2.8	K0690A00020kJD15A29
690	25	3 × 55.7	3 × 20.9	116	245	3.1	K0690A00025kJD15A29
690	30	3 × 66.9	3 × 25.1	126	245	3.6	K0690A00030kJD15A29
760	15	3 × 27.6	3 × 11.4	106	245	2.8	K0760A00015kJD15A29
760	20	3 × 36.8	3 × 15.2	116	245	3.1	K0760A00020kJD15A29
760	25	3 × 46.0	3 × 19.0	126	245	3.6	K0760A00025kJD15A29
760	30	3 × 55.1	3 × 22.8	136	245	4.0	K0760A00030kJD15A29
760	30.3	3 × 55.7	3 × 23.0	116	290	3.8	K0760A30D30kJD15A29

U_N Vac	Q_N kvar	C_N μF	I_N A	D mm	H mm	Weight kg	Part No.
850	15	3 × 22.0	3 × 10.2	96	245	2.3	K0850A00015kJD15A29
850	20	3 × 29.4	3 × 13.6	106	245	2.8	K0850A00020kJD15A29
850	25	3 × 36.7	3 × 17.0	116	245	3.1	K0850A00025kJD15A29
850	30	3 × 44.1	3 × 20.4	126	245	3.6	K0850A00030kJD15A29
850	33.35	3 × 49.0	3 × 22.7	136	245	4.0	K0850A33D35kJD15A29
850	38	3 × 55.8	3 × 25.8	136	245	4.0	K0850A00038kJD15A29

选型表 Specifications table | 单相产品规格表 Single-phase table

U_N Vac	Q_N kvar	C_N μF	I_N A	D mm	H mm	Weight kg	Part No.
250	10	509.6	40	96	215	2.0	K0250A00010kJN14Z29
250	15	764.3	60	96	290	2.6	K0250A00015kJN15B29
280	6.67	270.9	23.8	86	215	1.8	K0280A06D67kJN14Z29
280	10	406.2	35.7	96	215	2.0	K0280A00010kJN14Z29
280	13.4	544.3	47.9	96	290	2.6	K0280A13D40kJN15B29
280	15	609.3	53.6	96	290	2.6	K0280A00015kJN15B29
280	18.8	763.7	67.1	106	290	3.3	K0280A018D8kJN15B29
440	10	164.5	22.7	86	215	1.8	K0440A00010kJN14Z29
440	15	246.7	34.1	86	290	2.5	K0440A00015kJN15B29
440	20	329.0	45.5	96	290	2.6	K0440A00020kJN15B29
440	25	411.2	56.8	106	290	3.3	K0440A00025kJN15B29
450	10	157.3	22.2	86	215	1.8	K0450A00010kJN14Z29
450	15	235.9	33.3	86	290	2.5	K0450A00015kJN15B29
450	20	314.5	44.4	96	290	2.6	K0450A00020kJN15B29
450	25	393.2	55.6	106	290	3.3	K0450A00025kJN15B29
450	26.7	419.9	59.3	106	290	3.3	K0450A26D70kJN15B29
450	30	471.8	66.7	116	290	3.8	K0450A00030kJN15B29
480	10	138.2	20.8	86	215	1.8	K0480A00010kJN14Z29
480	15	207.3	31.3	86	290	2.5	K0480A00015kJN15B29
480	17.85	246.7	37.2	96	290	2.6	K0480A17D85kJN15B29
480	20	276.5	41.7	96	290	1.6	K0480A00020kJN15B29
480	25	345.6	52.1	106	290	3.3	K0480A00025kJN15B29
480	26.7	369.1	55.6	116	290	3.8	K0480A26D70kJN15B29
480	30	414.7	62.5	116	290	3.8	K0480A00030kJN15B29
500	10	127.4	20	86	215	1.8	K0500A00010kJN14Z29
500	15	191.1	30	86	290	2.5	K0500A00015kJN15B29
500	20	254.8	40	96	290	2.6	K0500A00020kJN15B29
500	25	318.5	50	106	290	3.3	K0500A00025kJN15B29
500	30	382.2	60	116	290	3.8	K0500A00030kJN15B29
525	10	115.5	19.1	86	215	1.8	K0525A00010kJN14Z29
525	15	173.3	28.6	86	290	2.5	K0525A00015kJN15B29
525	20	231.1	38.1	106	290	3.3	K0525A00020kJN15B29
525	21.35	246.6	40.7	106	290	3.3	K0525A21D35kJN15B29
525	25	288.9	47.6	116	290	3.8	K0525A00025kJN15B29
525	30	346.6	57.1	116	290	3.8	K0525A00030kJN15B29
525	35	404.4	66.7	126	290	4.3	K0525A00035kJN15B29
550	10	105.3	18.2	86	215	1.8	K0550A00010kJN14Z29
550	15	157.9	27.3	86	290	2.5	K0550A00015kJN15B29
550	20	210.6	36.4	96	290	2.6	K0550A00020kJN15B29
550	25	263.2	45.5	106	290	3.3	K0550A00025kJN15B29
550	30	315.8	54.6	116	290	3.8	K0550A00030kJN15B29
550	35	368.5	63.6	126	290	4.3	K0550A00035kJN15B29
690	15	100.3	21.7	96	245	2.3	K0690A00015kJN15A29
690	20	133.8	60	106	245	2.8	K0690A00020kJN15A29
690	25	167.2	36.2	116	245	3.1	K0690A00025kJN15A29
690	30	200.7	43.5	126	245	3.6	K0690A00030kJN15A29
760	15	82.7	19.7	106	245	2.8	K0760A00015kJN15A29
760	20	110.3	26.3	116	245	3.1	K0760A00020kJN15A29
760	25	137.8	32.9	126	245	3.6	K0760A00025kJN15A29
760	30	165.4	39.5	136	245	4.0	K0760A00030kJN15A29
850	15	66.1	17.7	96	245	2.3	K0850A00015kJN15A29
850	20	88.2	23.5	106	245	2.8	K0850A00020kJN15A29
850	25	110.2	29.4	116	245	3.1	K0850A00025kJN15A29
850	30	132.2	35.3	126	245	3.6	K0850A00030kJN15A29
850	36.3	160	42.7	136	245	4.0	K0850A36D30kJN15A29

注：1.以上参数仅作参考，以实际规格书为准

1.The above parameters for reference only, see the specification for details.