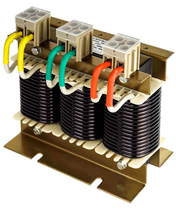
## 产品及应用/products applications



- 输出交流电抗器用于变频器的负载侧，电机电流流经这些电抗器
- 输出交流电抗器补偿长电缆的电容性电荷反转电流，用于平滑滤波
- 降低瞬变电压dv/dt，延长电机寿命
- 降低电机的噪音，降低涡流损耗、降低输入高次谐波造成的漏电流
- 保护变频器内部的功率开关器件

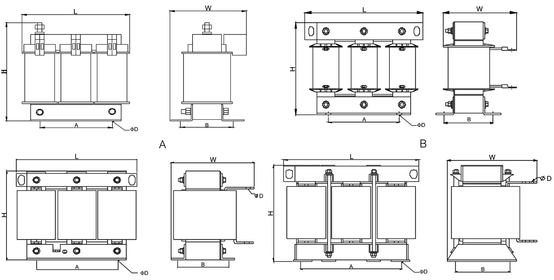
## 技术参数/Specification

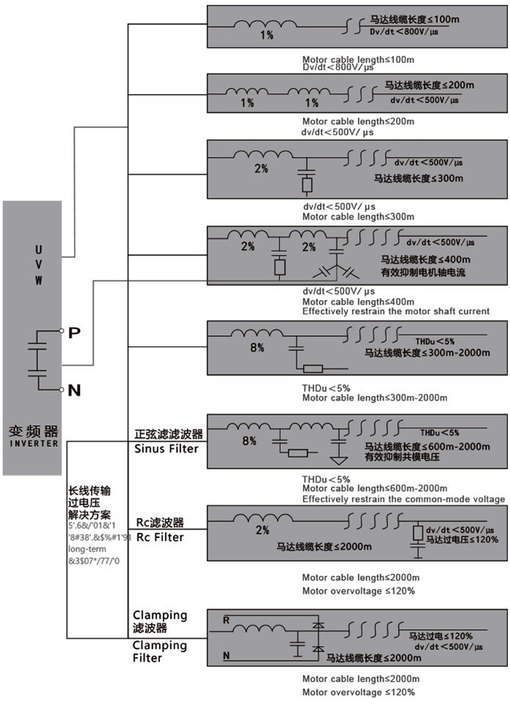
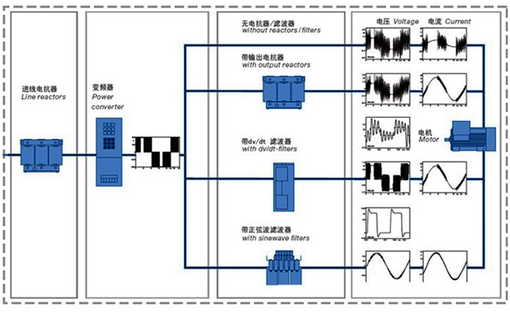
| 额定电压 Rated voltage | 温升 Temperature rise | 抗电强度 Dielectric strength | 绝缘等级 Insulation class | 工作温度 Operating temperature |
|---|---|---|---|---|
| 380VAC | 65K | 3500VAC/50Hz/10mA/10s无飞弧击穿 | F/H | -30~+45°C |

| 额定电流 Rated current | 海拔高度 Altitude | 过载能力 Overload capacity | 基波频率 Fundamental frequency | 环境等级 Environmental rating |
|---|---|---|---|---|
| 3A~5600A | ＜1000米 | 1.35 times the rated current for 1 minute | 50/60HZ | IP00 |

| 电抗器型号 | 图号 | 适配功率 KW | 额定电流 A | 压降 V | 电感 mH | 重量 Kg | 外型尺寸 L | W | H | 安装尺寸 A | B | 安装孔 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SDK-5-1.4 | | 1.5 | 5 | 2.2 | 1.4 | 2.5 | 120 | 90 | 130 | 80 | 60 | 8×12 |
| SDK-10-0.7 | | 2.2 | 10 | 2.2 | 0.7 | 2.8 | 120 | 90 | 130 | 80 | 60 | 8×12 |
| SDK-15-0.467 | A | 5.5 | 15 | 2.2 | 0.467 | 3.5 | 150 | 100 | 155 | 80 | 60 | 8×12 |
| SDK-15-0.467 | | 5.5 | 15 | 2.2 | 0.467 | 3.5 | 150 | 100 | 155 | 80 | 60 | 8×12 |
| SDK-20-0.35 | | 7.5 | 20 | 2.2 | 0.35 | 3.8 | 150 | 105 | 160 | 80 | 65 | 8×12 |
| SDK-30-0.233 | | 11 | 30 | 2.2 | 0.233 | 4.2 | 150 | 135 | 155 | 80 | 70 | 8×12 |
| SDK-40-0.175 | | 15 | 40 | 2.2 | 0.175 | 4.3 | 180 | 125 | 155 | 95 | 70 | 8×12 |
| SDK-50-0.14 | | 18.5 | 50 | 2.2 | 0.14 | 6.6 | 180 | 130 | 155 | 95 | 70 | 8×12 |
| SDK-60-0.117 | B | 22 | 60 | 2.2 | 0.117 | 7.2 | 180 | 130 | 155 | 95 | 70 | 8×12 |
| SDK-80-0.0875 | | 30 | 80 | 2.2 | 0.0875 | 9 | 180 | 140 | 155 | 95 | 80 | 8×12 |
| SDK-110-0.0637 | | 37 | 110 | 2.2 | 0.0584 | 9.5 | 180 | 150 | 155 | 95 | 80 | 8×12 |
| SDK-125-0.056 | | 45 | 125 | 2.2 | 0.056 | 10 | 180 | 155 | 155 | 95 | 80 | 8×12 |
| SDK-150-0.0467 | | 55 | 150 | 2.2 | 0.0467 | 13.6 | 235 | 155 | 180 | 170 | 85 | 7×16 |
| SDK-200-0.035 | | 75 | 200 | 2.2 | 0.035 | 14.5 | 210 | 150 | 215 | 150 | 95 | 7×16 |
| SDK-250-0.028 | | 90 | 250 | 2.2 | 0.028 | 22 | 250 | 160 | 240 | 170 | 110 | 9×20 |
| SDK-275-0.0255 | | 110 | 275 | 2.2 | 0.0255 | 23 | 250 | 160 | 240 | 170 | 110 | 9×20 |
| SDK-330-0.021 | | 132 | 330 | 2.2 | 0.021 | 24 | 250 | 160 | 250 | 170 | 110 | 9×20 |
| SDK-450-0.0175 | C | 160 | 400 | 2.2 | 0.0175 | 25 | 250 | 170 | 290 | 170 | 110 | 9×20 |
| SDK-500-0.014 | | 200 | 500 | 2.2 | 0.014 | 26.5 | 250 | 170 | 290 | 170 | 110 | 10×20 |
| SDK-540-0.013 | | 220 | 540 | 2.2 | 0.013 | 32 | 290 | 180 | 300 | 200 | 130 | 10×20 |
| SDK-625-0.0112 | | 250 | 625 | 2.2 | 0.0112 | 33 | 290 | 200 | 300 | 200 | 130 | 10×20 |
| SDK-700-0.01 | | 280 | 700 | 2.2 | 0.01 | 43 | 330 | 220 | 300 | 180 | 130 | 12×20 |
| SDK-800-0.0088 | | 315 | 800 | 2.2 | 0.0088 | 45 | 330 | 240 | 320 | 180 | 130 | 12×20 |
| SDK-1000-0.007 | | 380 | 1000 | 2.2 | 0.007 | 60 | 330 | 255 | 320 | 280 | 150 | 12×20 |
| SDK-1200-0.0058 | D | 500 | 1200 | 2.2 | 0.0058 | 71 | 360 | 240 | 350 | 310 | 190 | Φ13 |
| SDK-1600-0.0044 | | 630 | 1600 | 2.2 | 0.0044 | 85 | 360 | 260 | 380 | 310 | 190 | Φ13 |

## 外型尺寸/Housing and dimensions:（mm）




## 解决方案/Technology Is Introduced