



Qin Huangdao Huashenglong Electrical Equipment Co.,Ltd.

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CKSC Dry-type Iron Core Series Reactor

Basic Order Data need customer to provide:

1. Rated Capacity
2. Rated Voltage
3. Rated Reactance Rate
4. Rated Voltage of Capacitor Bank
5. Rated Current and Maximum Continuous Current
6. Cooling Method: AN or AF



Technical Data for your reference

| Model | System Rated Voltage | Rated voltage of capacitor | Rated Capacity | Rated Current | Rated Inductance | Outline Dimension(mm) | Assembly Dimension | Weight |
|-------------|----------------------|----------------------------|----------------|---------------|------------------|-----------------------|--------------------|--------|
| | (kV) | (kV) | kvar | (A) | (Ω) | LXBXH | aXb | (kg) |
| CKSC-12/6-6 | 6 | 6.6/ $\sqrt{3}$ | 12 | 17.5 | 13.1 | 665×500×750 | 450×280 | 150 |
| CKSC-18/6-6 | | | 18 | 26.2 | 8.71 | 690×505×830 | 470×280 | 195 |
| CKSC-24/6-6 | | | 24 | 35 | 6.53 | 720×515×875 | 490×280 | 245 |
| CKSC-27/6-6 | | | 27 | 39.3 | 5.83 | 720×515×920 | 490×280 | 265 |
| CKSC-30/6-6 | | | 30 | 43.7 | 5.24 | 845×520×805 | 570×300 | 270 |
| CKSC-36/6-6 | | | 36 | 52.5 | 4.36 | 870×525×830 | 590×300 | 310 |
| CKSC-45/6-6 | | | 45 | 65.5 | 3.48 | 900×535×860 | 610×320 | 370 |
| CKSC-48/6-6 | | | 48 | 69.9 | 3.28 | 900×535×880 | 610×320 | 385 |
| CKSC-54/6-6 | | | 54 | 78.7 | 2.9 | 900×535×975 | 610×320 | 410 |
| CKSC-60/6-6 | | | 60 | 87.5 | 2.61 | 905×540×935 | 610×320 | 450 |
| CKSC-72/6-6 | | | 72 | 105 | 2.18 | 920×545×970 | 610×340 | 515 |
| CKSC-78/6-6 | | | 78 | 113.5 | 2.02 | 935×550×980 | 630×340 | 550 |
| CKSC-81/6-6 | | | 81 | 117.9 | 1.94 | 935×550×1000 | 630×340 | 565 |
| CKSC-90/6-6 | | | 90 | 131.2 | 1.74 | 950×555×1020 | 640×340 | 620 |



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| | | | | | | | | |
|---------------|-----|-------|------|---------------|---------|---------------|---------|-------------|
| CKSC-96/6-6 | | | 96 | 139.7 | 1.64 | 950×555×1045 | 640×340 | 635 |
| CKSC-108/6-6 | | | 108 | 157.5 | 1.45 | 1055×560×1110 | 650×360 | 705 |
| CKSC-120/6-6 | | | 120 | 174.7 | 1.31 | 1070×560×1150 | 660×360 | 740 |
| CKSC-144/6-6 | | | 144 | 210 | 1.09 | 1140×570×1100 | 710×380 | 855 |
| CKSC-156/6-6 | | | 156 | 227.1 | 1.01 | 1140×575×1190 | 700×380 | 915 |
| CKSC-162/6-6 | | | 162 | 235.8 | 0.97 | 1140×575×1230 | 700×380 | 940 |
| CKSC-180/6-6 | | | 180 | 262.4 | 0.87 | 1140×580×1285 | 710×400 | 1020 |
| CKSC-216/6-6 | | | 216 | 314.4 | 0.73 | 1175×595×1365 | 730×400 | 1190 |
| CKSC-240/6-6 | | | 240 | 349.3 | 0.66 | 1190×600×1385 | 740×420 | 1310 |
| CKSC-270/6-6 | | | 270 | 393 | 0.58 | 1235×605×1385 | 760×420 | 1420 |
| CKSC-300/6-6 | | | 300 | 436.7 | 0.52 | 1250×610×1390 | 780×420 | 1545 |
| CKSC-330/6-6 | | | 330 | 480.3 | 0.48 | 1265×625×1430 | 790×440 | 1670 |
| CKSC-360/6-6 | | | 360 | 524 | 0.44 | 1265×625×1500 | 790×440 | 1765 |
| CKSC-12/10-6 | 10 | 11/√3 | 12 | 10.5 | 36.29 | 685×500×840 | 470×280 | 165 |
| CKSC-18/10-6 | | | 18 | 15.8 | 24.19 | 710×505×920 | 490×280 | 210 |
| CKSC-24/10-6 | | | 24 | 21 | 18.15 | 740×515×955 | 510×280 | 260 |
| CKSC-27/10-6 | | | 27 | 23.6 | 16.14 | 740×515×1005 | 510×280 | 280 |
| CKSC-30/10-6 | | | 30 | 26.2 | 14.54 | 865×520×890 | 590×300 | 290 |
| CKSC-36/10-6 | | | 36 | 31.5 | 12.1 | 890×525×910 | 610×300 | 330 |
| CKSC-45/10-6 | | | 45 | 39.4 | 9.68 | 920×535×920 | 630×320 | 395 |
| CKSC-48/10-6 | | | 10 | 11/√3 | 48 | 42 | 9.08 | 920×535×960 |
| CKSC-54/10-6 | 54 | 47.2 | | | 8.06 | 920×535×1050 | 630×320 | 410 |
| CKSC-60/10-6 | 60 | 52.5 | | | 7.26 | 925×540×1015 | 630×320 | 435 |
| CKSC-72/10-6 | 72 | 63 | | | 6.05 | 940×540×1050 | 640×340 | 545 |
| CKSC-78/10-6 | 78 | 68.2 | | | 5.58 | 955×550×1060 | 650×340 | 585 |
| CKSC-81/10-6 | 81 | 70.9 | | | 5.37 | 955×550×1080 | 650×340 | 600 |
| CKSC-90/10-6 | 90 | 78.7 | | | 4.84 | 970×555×1095 | 660×340 | 650 |
| CKSC-96/10-6 | 96 | 84 | | | 4.54 | 970×555×1120 | 660×340 | 665 |
| CKSC-108/10-6 | 108 | 94.5 | | | 4.03 | 1085×560×1175 | 670×360 | 735 |
| CKSC-120/10-6 | 120 | 105 | | | 3.63 | 1100×560×1210 | 680×360 | 770 |
| CKSC-144/10-6 | 144 | 126 | | | 3.03 | 1170×570×1150 | 730×380 | 890 |
| CKSC-156/10-6 | 156 | 136.5 | | | 2.79 | 1170×575×1265 | 720×380 | 960 |
| CKSC-162/10-6 | 162 | 141.7 | | | 2.69 | 1170×575×1310 | 720×380 | 985 |
| CKSC-180/10-6 | 180 | 157.5 | | | 2.42 | 1175×580×1365 | 730×400 | 1065 |
| CKSC-216/10-6 | 216 | 189 | 2.02 | 1205×595×1435 | 750×400 | 1240 | | |



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| | | | | | | | | |
|---------------|--|--|-----|-------|------|---------------|---------|------|
| CKSC-240/10-6 | | | 240 | 210 | 1.81 | 1220×600×1450 | 760×420 | 1355 |
| CKSC-270/10-6 | | | 270 | 236.2 | 1.61 | 1250×605×1450 | 780×420 | 1470 |
| CKSC-300/10-6 | | | 300 | 262.5 | 1.45 | 1250×610×1390 | 780×420 | 1545 |
| CKSC-330/10-6 | | | 330 | 288.7 | 1.32 | 1265×625×1430 | 790×440 | 1670 |
| CKSC-360/10-6 | | | 360 | 315 | 1.21 | 1265×625×1500 | 790×440 | 1765 |
| CKSC-432/10-6 | | | 432 | 378 | 1.01 | 1355×645×1540 | 850×460 | 2010 |
| CKSC-480/10-6 | | | 480 | 420 | 0.91 | 1385×655×1580 | 870×460 | 2225 |
| CKSC-540/10-6 | | | 540 | 472.4 | 0.81 | 1415×665×1640 | 890×480 | 2475 |
| CKSC-600/10-6 | | | 600 | 525 | 0.73 | 1445×675×1685 | 910×480 | 2735 |
| CKSC-660/10-6 | | | 660 | 577.4 | 0.66 | 1460×680×1730 | 920×500 | 2935 |
| CKSC-720/10-6 | | | 720 | 630 | 0.6 | 1460×680×1825 | 920×500 | 3105 |
| CKSC-780/10-6 | | | 780 | 682.4 | 0.56 | 1475×685×1885 | 930×520 | 3325 |
| CKSC-840/10-6 | | | 840 | 735 | 0.52 | 1475×685×1885 | 930×520 | 3520 |
| CKSC-900/10-6 | | | 900 | 787.4 | 0.48 | 1505×695×1990 | 950×520 | 3325 |
| CKSC-960/10-6 | | | 960 | 839.9 | 0.45 | 1520×700×2040 | 930×520 | 3970 |

Note :Data included in the table for reference only. For more information please contact us .



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Design of CKSC Dry-type Iron Core Series Reactor for reference

