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合容电气股份有限公司电力设备事业部
 Herong electric power equipment division of Limited by Share Ltd



HERONG ELECTRIC 合容电气

Dry discharge coil outline

Drawing 1 FDGE type 6, 10kV dry discharge coil
install size and outline

Drawing 2 FDGE type 6, 10kV full pouring
dry discharge coil

HERONG ELECTRIC 合容电气

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热烈祝贺中国首套110kV侧直补并联电容器装置投运成功

Herong Electric Co.,Ltd

Introduction

Herong Electric Co., Ltd is a main professional manufacturer of power transmission equipment in China, located in Jingwei Industrial Park, Xi 'an, which is the largest equipment manufacturing base in northwestern China. Herong was founded in 2005 and has been a national high - tech enterprise. The main products are 6~110kV frame and assembled HV shunt capacitor bank, HV filter capacitor, high and low voltage reactive power automatic compensation device and various kinds of shunt and series reactor, HV static dynamic var compensation device (SVC) and static var generator (SVG) etc, are widely running in the large substation and DC power transmission and distribution system in the domestic and abroad.

Herong adheres to the core values "career cohering the staff, innovation achieving beyond " invites experts from all corners of the country, has established Shaanxi provincial technology research and development center and sticks to independent innovation. The company designed and produced the first plateau type high voltage shunt capacitors , the first assembling shunt capacitor, the first whole sealed high-capacity shunt capacitors and has created many first of capacitor industry in China. Herong Electric has owned three major intellectual property including the plateau type shunt capacitor design theory , assembling shunt capacitor anti-explosion and anti-fire theory , assembled capacitor split-up theory and 28 national patents. The research of internal fuse technology and the control of capacitor partial discharge level are excellent in the domestic. Our products have the best price versus performance ratio and higher competitiveness in the industry, therein assembling capacitor manufacturing technology has been up to the international advanced level evaluated by experts group from the organization of the National Energy Administration, framed capacitor manufacturing technology leads the same industry line. Thirteen of the developed products are listed as national key new product, five of which fill the gaps , and has undertaken six National Torch Plan Projects.



Herong Electric has established long-term friendly cooperation relations with the experts from Tsinghua University, Xi'an Jiaotong University, Harbin university of Science and Technology, North China EPRI etc, successfully manufactured the first adjustable capacity series compensation de-icing device in the world, solved the global problem that the influence of a freezing rain on the grid operation, Successfully developed China 's first set of complete sets of 110KV side director compensation shunt capacitor bank, which was listed as a key technology project by State Grid Corporation of China; and successfully developed a spraying way to prevent short circuit between phases of the reactor, solved the problem of accidents of short circuit between phases or turn-to-turn fault occurring frequently caused by small animals climbing on outdoor reactor and won the national invention patent.

Herong Electric has obtained the ISO9001 international quality system certification, ISO14001 environmental management system certification and ISO18001 occupational health and safety management system certification, has been awarded as " Following Contract and Observing Credit Unit, "Shaanxi province Quality Work Advanced Unit", "China Electrical Equipment Industry's Most Influential Brand", " Great Taxpayer of Non-State Owned Enterprises ", "Shaanxi province Famous Trademark", "Shaanxi province Famous Brand Product" honorary title etc.

At present , the company has become a major supplier of the State Grid Corporation of China and China Southern Power Grid Company , the products are running in over 3000 substations of more than 30 provinces, municipalities and autonomous regions in China including nearly one hundred HV UHV great projects of State Grid Corporation: ± 800 UHVDC Project from Hamilton - Zhengzhou

Qinghai 750kV the Riyue substations , Hubei 500kV Jiangling Converter Station , Guangzhou northern suburb of 500kV substation , Shanxi Luliang 500kV substation , Hunan Yongzhou,500kV substation , Neimeng wuhai 500kVsubstation etc。 The products has been exported to the United States, Brazil, Pakistan, Angola, Laos, Vietnam and other countries, and has been highly praised by customers at home and abroad for safe and reliable product performance .

Looking to the future , in the new historical period , Herong Electric will firmly grasp the development chance of the national " 12th Five-Year Plan", will persist on the management thought "Customer's Requirement Is Our Standard ", will adhere to the enterprise spirit " Safe and Reliable products Dedicated and Professional Service, Careful and Responsible Work" and will keep up with market demand , will take the point on technology research and development of UHV products, power grid intelligent products and the super-capacitor for wind, solar power energy storage, and will take the efforts to become the first-class domestic substation equipment R & D bases and manufacturing base provides high-tech products to share the simplicity and tranquility of technological progress , and create a more brilliant future for Herong Electric.



Reactor usage

Series reactor: installed in the capacitor loop, for control the impulse current when capacitor power-on, at the same time, form the harmonic loop with capacitor bank, to control the system harmonic increase and voltage waveform distortion.

Shunt reactor: in the super high voltage long distance power transmission system, shunt reactor is connected in the 3rd coil of the transformer. Used for capacitive charging current of compensation line, control the system voltage from increase and operation over voltage, to reduce fault current to permissive value, protect the connected equipment afterwards.

Current limit reactor: connected in series in system, increase system impedance, control short circuit current when fault, make fault current to permissive value, protect the connected equipment afterwards.

Filter reactor: connected in series in capacitor loop, form a harmonic circuit, to make it resonance at certain frequency, filtering certain high order harmonic current, to provide low impedance path for some order harmonic, prevent harmonic from into the system. At the same time to realize the power system reactive compensation and limit inrush current when capacitor connect into the system.

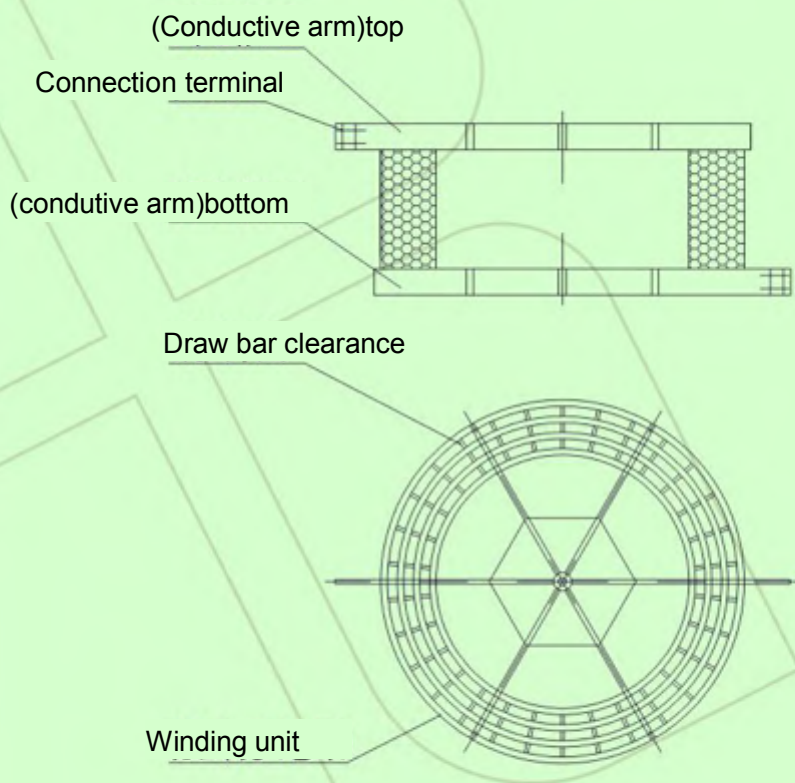


Reactor model and meaning

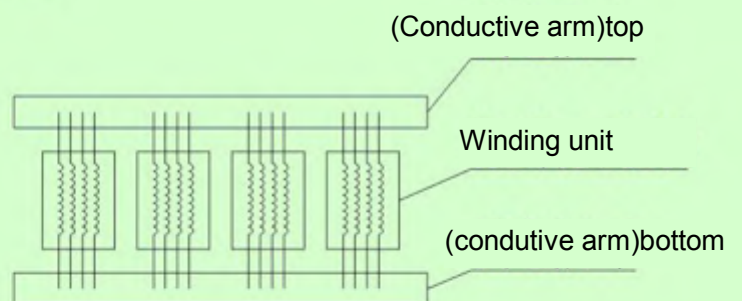
Model code	Reactor type
CKGKL	Dry air core series reactor
BKGKL	Dry air core shunt reactor
XKGKL	Dry air core current limit reactor
LKGKL	Dry air core filter reactor
FKGKL	Dry air core split reactor
CKGL	Dry air core semi iron core series reactor
BKGL	Dry air core semi iron core shunt reactor
CKGLP	Magnetic shielding dry air core semi iron core series
BKGLP	Magnetic shielding dry air core semi iron core shunt
BKSC	Dry iron core shunt reactor
CKSC	Dry iron core series reactor
CKSQ	Full sealed series reactor
Remarks:L means aluminum, copper no mark	

Reactor structure and characteristics

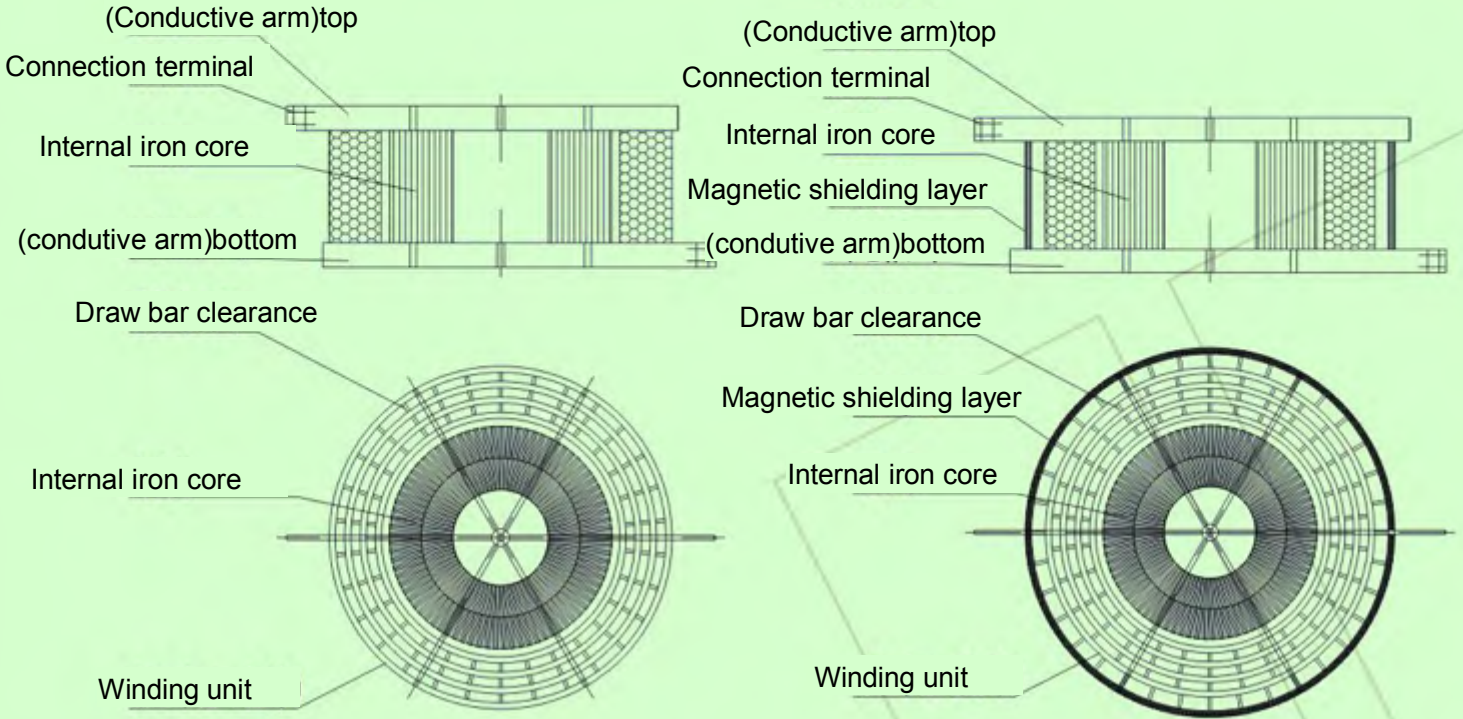
Reactor structure



Drawing 1: air core reactor structure principle

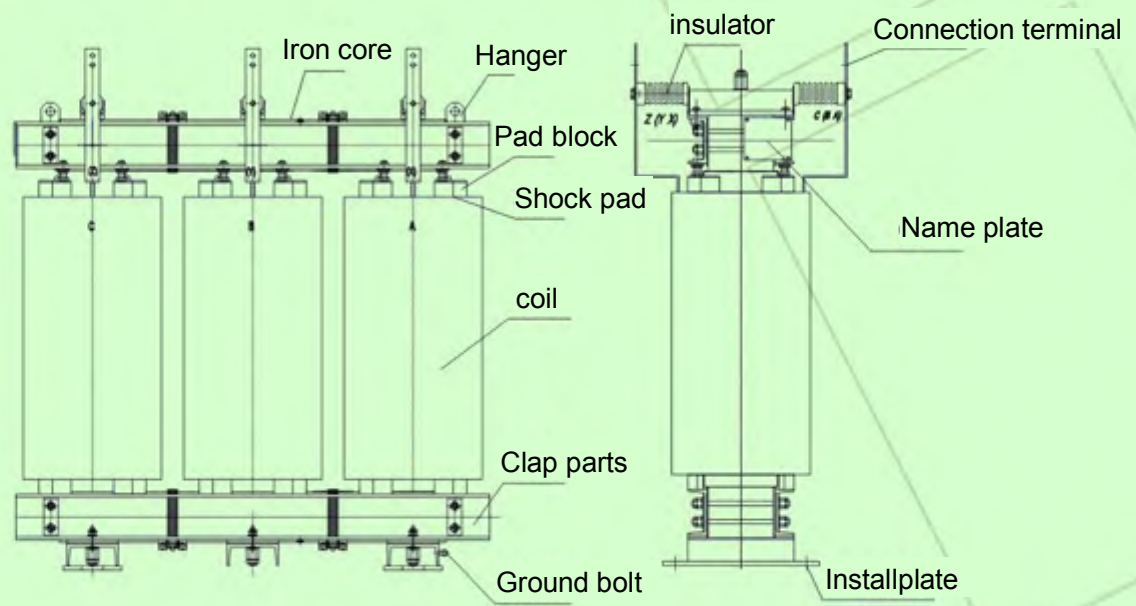


Drawing 2: Shunt inductive coil principle



Drawing 3: semi-core reactor structure

Drawing 4: Magnetic shielding semi-core reactor structure



Drawing 5: dry iron core reactor structure

Reactor characteristics

Dry air core series reactor

- (1)coil adopts small section electromagnet wire multi-layers concentric winding, interturn voltage is low, ensure reactor interturn insulation no breakdown
- (2) magnetic field distribution reasonable, pack bears evenly electromagnetic force, Mechanical properties and Dynamic thermal stability is good
- (3)Coil designation accurate, Skin effect and Eddy current loss is small.
- (4)Coil integration is good, high mechanical strength and low noise
- (5)Flexible install way:3 phases vertical stack and 2 phase vertical stack + 1 phase in line, 3 phases side by side.



Dry air core shunt reactor

- (1)coil adopts small section electromagnet wire multi-layers concentric winding, interturn voltage is low, ensure reactor interturn insulation no breakdown
- (2) magnetic field distribution reasonable, pack bears evenly electromagnetic force, Mechanical properties and Dynamic thermal stability is good
- (3)Coil designation accurate, Skin effect and Eddy current loss is small.
- (4)Coil integration is good, high mechanical strength and low noise
- (5)Special use software design, no need to adjust the turns
- (6)Coil surface with RTV paint, with Mean flow loop, prevent the Tree Type Discharge
- (7)Rain proof cover on the top, improve operation condition



Dry air core current limit reactor



(1) Multi-layers shunt wind duct structure, Epoxy glass fiber winding. Impulse voltage distribute even, short circuit current withstand capacity is good

(2) Advanced computer assist design, can confirm product structure and specification fast and accurate.

(3) Dry air core type can prevent oil immersed type problem, and no iron-core saturation problem, inductance Linear degree good

(4) Winding adopts multiple small section film covered conductor winding, gets good insulation performance, low loss, Light weight, small dimension and maintenance free

(5) Reactor surface has anti-ultraviolet rays protection layer, suitable for indoor and outdoor use, flexible installation way

Dry air core filter reactor

(1) no iron-core, linear degree good

(2) Coil no metallic fixed link, coil connection terminal is welded with star connection plate, electric performance good

(3) High mechanical strength, low noise

(4) Special treatment on coil surface, anti-Cracking, anti-ultraviolet rays

(5) Flexible installation method, small dimension



Dry air core semi-iron shunt reactor



- (1) dry type semi-core shunt reactor, put iron core rod in the air core of reactor, no need cover all the coils, use little iron
- (2) The iron rod adopts best low loss imported cold rolling silicon steel plate, high magnetic permeability, small diameter of coil, low loss, small energy consumption
- (3) Core rod adopts complete vacuum Epoxy resin casting, tight and strong, High mechanical strength, low noise. After special treatment it can be used outdoor.
- (4) magnetic field distribution reasonable, pack bears evenly electromagnetic force, Mechanical properties and Dynamic thermal stability is good
- (5) Coil designation accurate, Skin effect and Eddy current loss is small.
- (6) Special use software design, no need to adjust the turns
- (7) paint RTV on the surface, embedded the Current sharing electrode on the reactor terminal, prevent tree discharge
- (8) rain proof cover on the top

- (1) under normal operation, every section of the split reactor is equivalent with 1/4 of normal reactor, make the voltage loss caused by load current very small
- (2) When the branch of reactor short circuit, the reactance of each branch increase about 4 times, so short circuit control capacity is more than normal operation

Dry air core split reactor



Dry semi-iron core series reactor



- (1) dry type semi-core series reactor, put iron core rod in the air core of reactor, no need cover all the coils, use little iron
- (2) The iron rod adopts best low loss imported cold rolling silicon steel plate, high magnetic permeability, small diameter of coil, low loss, small energy consumption
- (3) Core rod adopts complete vacuum Epoxy resin casting, tight and strong, High mechanical strength, low noise. After special treatment it can be used outdoor.
- (4) Volt ampere characteristic linearity good

- (1) Full sealed, internal insulation oil not contact the air, anti-explosion, anti-fire, maintenance free
- (2) Advanced oil injection mold, new type insulation medium, safe and reliable
- (3) Iron core is binding type, increase iron effective section, small loss
- (4) Top and bottom Iron yoke with bridge plate and Tension screw, integrated and low noise
- (5) Air clearance of the iron core adopts wear resistance insulation plate, good electrical performance
- (6) Iron extension screw adopts Non magnetic conducting material, low loss

Full sealed series reactor



Magnetic shielding dry semi-iron core series reactor



(1) The creative point of Magnetic shielding dry semi-iron core series reactor is make the High magnetic material as cylinder type, put it inside the dry air core reactor, then use 3 pcs non-connected High magnetic material cylinder in coil external position, to reach reduce reactor dimension and prevent magnetic field leakage, it can be installed in small area and city substation and under ground substation.

(2) Magnetic shielding dry semi-iron core series reactor adopts reasonable designation, choose special iron density(0.6-0.7T), ensure iron core not saturated under max short time current, make reactor shows linear within wide range, and make Shielding layer, iron core and pack temperature rise meet request.

(3) reactor coil adopts small section round conductor multiple layer shunt winding, vortex and loss is small, interturn voltage low, voltage along coil height direction is even.

There is High magnetic material inside the

reactor coil, coil Magnetic permeability is high, dimension is small, and loss is low

(4) Coil adopts glass fiber film cover small round conductor, adopts wet winding type, step method hot solidify, reactor is compact and low noise

(5) Pack adopts epoxy resin impregnated glass wire winding, mechanical strength is high, strong anti short circuit capacity

Dry iron core shunt reactor

- (1) Dry iron core shunt reactor, iron core rod use high fill factor Sector radiation type iron cake and small Elastic coefficient marble, every iron cake is poured in vacuum, make epoxy resin completely fill inside the iron cake. When assembly the iron yoke, paste the high strength epoxy resin on the top of the pillar, ensure the iron core pillar and iron yoke clearance is 0, to reduce the noise.
- (2) To ensure small vibration, locate the weight core height of the reactor to make the reactor stable
- (3) Set multiple layers axial direction to realize the heat radiation, ensure temperature distribution of coil is even, main insulation of coil adopts epoxy resin with silicon powder, use vacuum casting equipment and advanced process, ensure the coil insulation performance and anti-impact capacity
- (4) Dimension is small, appearance is beautiful, easy to maintenance and install



Dry iron core series reactor

- (1) dry iron core series reactor, iron core use good quality low loss important cold rolling silicon steel plate, after impregnation, coil adopts epoxy resin casting formation, key parts with anti-vibration, reduce noise
- (2) Iron core adopts binding structure, no through hole, section area big, magnet leakage leak is small, loss is low
- (3) electric field distribution of coil is even, temperature rise is low, anti-shot circuit capacity is strong
- (4) Exposure parts adopts advanced surface treatment process, anti-moisture, fire and crack.
- (5) Small dimension, light weight, beautiful appearance and easy to install



A. Operation condition

Reactor general operation condition:

1. Install site: indoor or outdoor
2. Environmental temperature: $-40^{\circ}\text{C}\sim+45^{\circ}\text{C}$;
 $-25^{\circ}\text{C}\sim+45^{\circ}\text{C}$;
3. Altitude: not more than 2000m;
4. Relative moisture: for indoor reactor, relative moisture not more than 90%, daily average not more than 95%
5. Seismic fissure: design seismic basic fissure is 8; means Horizontal acceleration is 0.3g, vertical acceleration is 0.15g;
6. Outdoor max wind speed is 35m/s
7. Reactor external insulation leakage not smaller than 2.5cm/kV. For heavy pollution area can be 3.5cm/kV

Please clear if have special requirement

B. Selection of reactance rate

1. Reactance rate choice, connect the reactor into n order harmonic voltage content and reactor n order harmonic voltage value not more than request limit value.
2. When only need limit the switch on inrush current, please choose reactance rate
0.1%~1% damping reactor
3. For control 5th or above harmonic voltage increase, choose reactance rate 4.5%~6% reactor; to control 5th or above harmonic voltage increase, choose reactance rate 12%~13% reactor
4. When harmonic voltage is high in power system, need non-linear equipment user use harmonic control method, when choose AC filter capacitor bank, need filter reactor

C. Specification needed when ordering

- | | |
|-----------------------|--------------------------------|
| 1. 电抗器名称: | 1. Reactor name |
| 2. 型号: | 2. Model |
| 3. 系统额定电压 (kV): | 3. System rated voltage(kV) |
| 4. 额定频率 (Hz): | 4. Rated frequency(Hz) |
| 5. 额定端电压 (kV): | 5. Rated terminal voltage(kV) |
| 6. 额定容量 (kvar): | 6. Rated capacity(kvar) |
| 7. 额定电抗 (Ω): | 7. Rated reactance(Ω) |
| 8. 额定电流 (A): | 8. Rated current(A) |
| 9. 损耗值 (W/var): | 9. Loss(W/var) |
| 10. 相数: | 10. Phase |
| 11. 总重 (kg): | 11. Total mass(kg) |
| 12. 油重 (kg): | 12. Oil weight(kg) |
| 13. 外形尺寸及安装尺寸: | 13. Dimension and install size |
| 14. 最大短时电流 (kA): | 14. Max short time current(kA) |
| 15. 声级水平 (dB)。 | 15. Sound level(dB) |

Calculation formula

1.Reactor rated current:

$$I_n = I_{cn}$$

2.Reactor rated terminal voltage

$$U_n = KU_{cn}$$

3.Reactor rated capacity

$$S_n = U_n I_n = KQ_{cn}$$

$$S_n^3 = 3S_n = 3U_n I_n = KQ_{cn}^3$$

4. Reactor rated reactance

$$X_n = (U_n / I_n) \cdot 10^3 = (U_n^2 / S_n) \cdot 10^3 = KX_{cn} = (KU_{cn}^2 / Q_{cn}) \cdot 10^3$$

5. n order harmonic current of reactor after connected into system

$$I_n = U_{sno} / (X_{sn} + X_{kn} - X_{cn})$$

6. Capacitor n order harmonic voltage

$$U_{cn} = [-X_{cn} / (X_{sn} + X_{kn} - X_{cn})] \cdot U_{sno}$$

7. After reactor connect into system, the n order harmonic voltage at the connect joint

$$U_{sn} = (X_{kn} - X_{cn}) U_{snc} / (X_{sn} + X_{kn} - X_{cn})$$

8. After connect into system, the n order harmonic voltage rate at the connect joint

$$V_n \% = 100 U_{sn} / U_s = 100 (X_{kn} - X_{cn}) U_{snc} / [(X_{sn} + X_{kn} - X_{cn}) U_s]$$

9. System resonance harmonic order

$$n_0 = X_c / (X_s + X_k)$$

Formula explain

I_n --rated current of reactor(A)

I_c^n --rated current of shunt capacitor bank series with reactor(A)

U_n --rated terminal voltage of reactor(kV)

U_c^n --rated phase voltage of shunt capacitor bank series with reactor(kV)

K_n --rated reactance of reactor(Ω/φ)

K_c^n --rated reactance of shunt capacitor bank series with reactor(Ω/φ)

K --reactance rate of reactor($K=X_n/X_{cn}$)

S_n --single phase reactor rated capacity(kvar)

S_n --3 phase reactor rated capacity(kvar)

Q_c^n --rated capacity of shunt capacitor series with 1 phase reactor(kvar)

Q_c^n --rated capacity of shunt capacitor series with 3 phase reactor(kvar)

U_s^n --rated voltage on the connected joint of reactor and system(kV)

U_s --after reactor connect into system, on the joint, power frequency(fundamental)voltage(kV)

U_{sn0} --before connect into system, the n order harmonic voltage of joint(kV)

U_{sn} --after connected into system, the n order harmonic voltage of joint(kV)

V_{sn} --after connected into system, the n order harmonic voltage content of joint(kV)

U_{cn} --n order harmonic voltage of capacitor(V)

I_n --n order harmonic current of reactor(A)

X_{cn} --n order harmonic reactance of shunt capacitor bank series with reactor(Ω/φ)

X_n --power frequency reactance of shunt reactor bank series with reactor(Ω/φ)

X_{kn} --n order harmonic reactance of reactor(Ω/φ)

X_k --power frequency reactance of reactor(Ω/φ)

X_{sn} --n order system reactance on the connection joint, confirmed by measurement, also $X_{sn}=nX_s$ calculation(Ω/φ)

X_s --system power frequency short circuit reactance of the connection joint(Ω/φ)

n_0 --resonance harmonic order of system

CKGKL series dry air core series reactor technical parameter table

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
CKGKL-4/6-	1200	6.3/ $\sqrt{3}$	1	4	110	0.331	269	730	560	590	45
CKGKL-20/6-5	1200	6.6/ $\sqrt{3}$	5	20	105	1.815	898	710	410	640	100
CKGKL-24/6-6	1200	6.6/ $\sqrt{3}$	6	24	105	2.178	1030	725	410	640	110
CKGKL-48/6-12	1200	6.6/ $\sqrt{3}$	12	48	105	4.356	1732	910	440	830	160
CKGKL-52/6-13	1200	6.6/ $\sqrt{3}$	13	52	105	4.719	1840	925	500	850	170
CKGKL-4/10-1	1200	10.5/ $\sqrt{3}$	1	4	66	0.919	269	740	510	600	50
CKGKL-20/10-5	1200	11/ $\sqrt{3}$	5	20	63	5.042	898	810	410	640	100
CKGKL-24/10-6	1200	11/ $\sqrt{3}$	6	24	63	6.050	1030	855	420	790	105
CKGKL-48/10-12	1200	11/ $\sqrt{3}$	12	48	63	12.100	1732	885	440	810	165
CKGKL-52/10-13	1200	11/ $\sqrt{3}$	13	52	63	13.108	1840	975	475	890	175
CKGKL-20/10-5	1200	12/ $\sqrt{3}$	5	20	58	6.000	898	810	350	640	100
CKGKL-24/10-6	1200	12/ $\sqrt{3}$	6	24	58	7.200	1030	855	360	790	105
CKGKL-48/10-12	1200	12/ $\sqrt{3}$	12	48	57.7	14.400	1732	885	400	810	165
CKGKL-52/10-13	1200	12/ $\sqrt{3}$	13	52	57.7	15.600	1840	975	425	890	175
CKGKL-5/6-1	1500	6.3/ $\sqrt{3}$	1	5	137.5	0.265	318	735	560	590	45
CKGKL-25/6-5	1500	6.6/ $\sqrt{3}$	5	25	131.2	1.452	1062	725	420	640	105
CKGKL-30/6-6	1500	6.6/ $\sqrt{3}$	6	30	131.2	1.742	1218	745	430	650	115
CKGKL-60/6-12	1500	6.6/ $\sqrt{3}$	12	60	131.2	3.485	2048	970	520	880	175
CKGKL-65/6-13	1500	6.6/ $\sqrt{3}$	13	65	131.2	3.775	2175	990	520	890	190
CKGKL-5/10-1	1500	10.5/ $\sqrt{3}$	1	5	82.5	0.735	318	745	510	600	50
CKGKL-25/10-5	1500	11/ $\sqrt{3}$	5	25	78.7	4.033	1062	870	420	790	105
CKGKL-30/10-6	1500	11/ $\sqrt{3}$	6	30	78.7	4.840	1218	925	420	860	115
CKGKL-60/10-12	1500	11/ $\sqrt{3}$	12	60	78.7	9.680	2048	1110	480	1040	185
CKGKL-65/10-13	1500	11/ $\sqrt{3}$	13	65	78.7	10.487	2175	1200	480	1120	200
CKGKL-25/10-5	1500	12/ $\sqrt{3}$	5	25	72.2	4.800	1062	870	355	790	105
CKGKL-30/10-6	1500	12/ $\sqrt{3}$	6	30	72.2	5.760	1218	925	360	860	115
CKGKL-60/10-12	1500	12/ $\sqrt{3}$	12	60	72.2	11.520	2048	1110	400	1040	190
CKGKL-65/10-13	1500	12/ $\sqrt{3}$	13	65	72.2	12.480	2175	1200	415	1120	200
CKGKL-6/6-1	1800	6.3/ $\sqrt{3}$	1	6	165	0.221	364	835	560	690	55
CKGKL-30/6-5	1800	6.6/ $\sqrt{3}$	5	30	157.5	1.210	1218	730	430	640	125
CKGKL-36/6-6	1800	6.6/ $\sqrt{3}$	6	36	157.5	1.452	1396	760	440	660	145
CKGKL-72/6-12	1800	6.6/ $\sqrt{3}$	12	72	157.5	2.904	2348	1140	540	1080	185
CKGKL-78/6-13	1800	6.6/ $\sqrt{3}$	13	78	157.5	3.146	2493	1160	540	1080	200
CKGKL-6/10-1	1800	10.5/ $\sqrt{3}$	1	6	99	0.613	364	895	510	750	60
CKGKL-30/10-5	1800	11/ $\sqrt{3}$	5	30	94.5	3.361	1218	900	385	840	110
CKGKL-30/10-5	1800	11/ $\sqrt{3}$	6	36	94.5	4.033	1396	990	390	910	125
CKGKL-72/10-12	1800	11/ $\sqrt{3}$	12	72	94.5	8.067	2348	1100	580	1010	210
CKGKL-78/10-13	1800	11/ $\sqrt{3}$	13	78	94.5	8.739	2493	1160	600	1080	225
CKGKL-30/10-5	1800	12/ $\sqrt{3}$	5	30	86.6	4.000	1218	900	365	840	110
CKGKL-36/10-6	1800	12/ $\sqrt{3}$	6	36	86.6	4.800	1396	990	370	910	125
CKGKL-72/10-12	1800	12/ $\sqrt{3}$	12	72	86.6	9.600	2348	1100	540	1010	220
CKGKL-78/10-13	1800	12/ $\sqrt{3}$	13	78	86.6	10.400	2493	1160	580	1080	225
CKGKL-8/6-1	2400	6.3/ $\sqrt{3}$	1	8	219.9	0.165	452	605	510	460	50
CKGKL-40/6-5	2400	6.6/ $\sqrt{3}$	5	40	209.9	0.908	1511	820	440	760	145
CKGKL-48/6-6	2400	6.6/ $\sqrt{3}$	6	48	209.9	1.089	1732	900	440	820	170
CKGKL-96/6-12	2400	6.6/ $\sqrt{3}$	12	96	209.9	2.178	2914	1160	520	1080	210
CKGKL-104/6-13	2400	6.6/ $\sqrt{3}$	13	104	209.9	2.360	3094	1200	590	1060	225

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	Kvar	kV									
CKGKL-8/10-1	2400	10.5/√3	1	8	132	0.459	452	900	510	760	65
CKGKL-40/10-5	2400	11/√3	5	40	126	2.521	1511	840	320	760	150
CKGKL-48/10-6	2400	11/√3	6	48	126	3.025	1732	880	400	790	170
CKGKL-96/10-12	2400	11/√3	12	96	126.0	6.050	2914	1110	580	1020	220
CKGKL-104/10-13	2400	11/√3	13	104	126.0	6.554	3094	1120	590	980	235
CKGKL-40/10-5	2400	12/√3	5	40	115	3.000	1511	840	350	760	150
CKGKL-48/10-6	2400	12/√3	6	48	115	3.600	1732	880	380	790	170
CKGKL-96/10-12	2400	12/√3	12	96	115.5	7.200	2914	1140	570	1010	250
CKGKL-104/10-13	2400	12/√3	13	104	115.5	7.800	3094	1120	570	1010	240
CKGKL-9/6-1	2700	6.3/√3	1	9	247.4	0.147	494	610	510	470	55
CKGKL-45/6-5	2700	6.6/√3	5	45	236.2	0.807	1651	885	510	740	130
CKGKL-54/6-6	2700	6.6/√3	6	54	236.2	0.968	1892	930	530	790	145
CKGKL-108/6-12	2700	6.6/√3	12	108	236.2	1.936	3183	1090	610	920	225
CKGKL-117/6-13	2700	6.6/√3	13	117	236.2	2.097	3380	1085	610	920	220
CKGKL-9/10-1	2700	11/√3	1	9	148.5	0.408	494	905	510	760	65
CKGKL-45/10-5	2700	11/√3	5	45	141.7	2.241	1651	885	410	790	150
CKGKL-54/10-6	2700	11/√3	6	54	141.7	2.689	1892	920	420	840	175
CKGKL-108/10-12	2700	11/√3	12	108	141.7	5.378	3183	1120	470	980	260
CKGKL-117/10-13	2700	11/√3	13	117	141.7	5.826	3380	1180	610	1040	280
CKGKL-45/10-5	2700	12/√3	5	45	129.9	2.667	1651	885	405	790	155
CKGKL-54/10-6	2700	12/√3	6	54	129.9	3.200	1892	920	415	840	175
CKGKL-108/10-12	2700	12/√3	12	108	129.9	6.400	3183	1120	460	990	260
CKGKL-117/10-13	2700	12/√3	13	117	129.9	6.933	3380	1180	605	1040	280
CKGKL-10/6-1	3000	6.6/√3	1	10	262.4	0.145	534	660	340	580	55
CKGKL-50/6-5	3000	6.6/√3	5	50	262.4	0.726	1786	880	440	800	155
CKGKL-60/6-6	3000	6.6/√3	6	60	262.4	0.871	2048	960	530	860	175
CKGKL-120/6-12	3000	6.6/√3	12	120	262.4	1.742	3444	1240	570	1100	270
CKGKL-130/6-13	3000	6.6/√3	13	130	262.4	1.888	3657	1300	610	1160	290
CKGKL-10/10-1	3000	11/√3	1	10	157	0.403	534	680	310	630	55
CKGKL-50/10-5	3000	11/√3	5	50	157.5	2.017	1786	1025	450	930	160
CKGKL-60/10-6	3000	11/√3	6	60	157.5	2.420	2048	1100	460	980	180
CKGKL-120/10-12	3000	11/√3	12	120	157.5	4.840	3444	1250	605	1110	275
CKGKL-130/10-13	3000	11/√3	13	130	157.5	5.243	3657	1280	610	1140	295
CKGKL-10/10-1	3000	12/√3	1	10	144	0.480	534	680	350	630	55
CKGKL-50/10-5	3000	12/√3	5	50	144.3	2.400	1786	1025	410	930	160
CKGKL-60/10-6	3000	12/√3	6	60	144.3	2.880	2048	1085	410	980	165
CKGKL-120/10-12	3000	12/√3	12	120	144.3	5.760	3444	1250	600	1110	270
CKGKL-130/10-13	3000	12/√3	13	130	144.3	6.240	3657	1280	600	1140	290
CKGKL-11/10-1	3300	11/√3	1	11	173	0.367	574	685	310	640	60
CKGKL-55/10-5	3300	11/√3	5	55	173.2	1.833	1919	1050	410	980	180
CKGKL-66/10-6	3300	11/√3	6	66	173.2	2.200	2200	1140	460	1010	205
CKGKL-132/10-12	3300	11/√3	12	132	173.2	4.400	3700	1340	610	1200	210
CKGKL-143/10-13	3300	11/√3	13	143	173.2	4.767	3928	1380	720	1230	225
CKGKL-11/10-1	3300	12/√3	1	11	159	0.436	574	685	350	640	60
CKGKL-55/10-5	3300	12/√3	5	55	158.8	2.182	1919	1050	405	980	180
CKGKL-66/10-6	3300	12/√3	6	66	158.8	2.618	2200	1140	460	1010	205
CKGKL-132/10-12	3300	12/√3	12	132	158.8	5.236	3700	1340	620	1200	210

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	Kvar	kV									
CKGKL-143/10-13	3300	12/ $\sqrt{3}$	13	143	158.8	5.673	3928	1380	720	1230	225
CKGKL-12/6-1	3600	6.6/ $\sqrt{3}$	1	12	314.9	0.121	613	680	350	590	65
CKGKL-60/6-5	3600	6.6/ $\sqrt{3}$	5	60	314.9	0.605	2048	940	530	850	170
CKGKL-72/6-6	3600	6.6/ $\sqrt{3}$	6	72	314.9	0.726	2348	1145	680	1060	190
CKGKL-144/6-12	3600	6.6/ $\sqrt{3}$	12	144	314.9	1.452	3949	1290	710	1150	320
CKGKL-156/6-13	3600	6.6/ $\sqrt{3}$	13	156	314.9	1.573	4193	1340	735	1200	340
CKGKL-12/10-1	3600	11/ $\sqrt{3}$	1	12	189	0.336	613	690	360	640	60
CKGKL-60/10-5	3600	11/ $\sqrt{3}$	5	60	189	1.681	2048	1085	410	1000	160
CKGKL-72/10-6	3600	11/ $\sqrt{3}$	6	72	189	2.017	2348	1145	410	1000	190
CKGKL-144/10-12	3600	11/ $\sqrt{3}$	12	144	189	4.033	3949	1340	710	1200	330
CKGKL-156/10-13	3600	11/ $\sqrt{3}$	13	156	189	4.369	4193	1380	710	1240	355
CKGKL-12/10-1	3600	12/ $\sqrt{3}$	1	12	173.2	0.400	613	690	380	640	60
CKGKL-60/10-5	3600	12/ $\sqrt{3}$	5	60	173	2.000	2048	1085	420	1000	165
CKGKL-72/10-6	3600	12/ $\sqrt{3}$	6	72	173	2.400	2348	1145	420	1000	190
CKGKL-144/10-12	3600	12/ $\sqrt{3}$	12	144	173.2	4.800	3949	1340	720	1200	330
CKGKL-156/10-13	3600	12/ $\sqrt{3}$	13	156	173.2	5.200	4193	1380	720	1240	355
CKGKL-72/20-6	3600	23	6	72	90.4	8.820	2214	1010	800	860	365
CKGKL-13/10-1	3900	11/ $\sqrt{3}$	1	13	204.7	0.310	650	680	310	640	65
CKGKL-65/10-5	3900	11/ $\sqrt{3}$	5	65	204.7	1.551	2175	1060	410	980	160
CKGKL-78/10-6	3900	11/ $\sqrt{3}$	6	78	204.7	1.862	2493	1100	430	1010	185
CKGKL-156/10-12	3900	11/ $\sqrt{3}$	12	156	204.7	3.723	4193	1240	720	1100	270
CKGKL-169/10-13	3900	11/ $\sqrt{3}$	13	169	204.7	4.033	4453	1280	730	1140	290
CKGKL-13/10-1	3900	12/ $\sqrt{3}$	1	13	187.6	0.369	650	680	360	640	65
CKGKL-65/10-5	3900	12/ $\sqrt{3}$	5	65	187.6	1.846	2175	1060	410	980	160
CKGKL-78/10-6	3900	12/ $\sqrt{3}$	6	78	187.6	2.215	2493	1100	420	1010	185
CKGKL-156/10-12	3900	12/ $\sqrt{3}$	12	156	187.6	4.431	4193	1240	720	1100	270
CKGKL-169/10-13	3900	12/ $\sqrt{3}$	13	169	187.6	4.800	4453	1280	735	1140	290
CKGKL-14/6-1	4200	6.6/ $\sqrt{3}$	1	14	367.4	0.104	688	650	350	600	75
CKGKL-70/6-5	4200	6.6/ $\sqrt{3}$	5	70	367.4	0.519	2299	1130	570	1050	180
CKGKL-84/6-6	4200	6.6/ $\sqrt{3}$	6	84	367.4	0.622	2636	1190	580	1110	210
CKGKL-168/6-12	4200	6.6/ $\sqrt{3}$	12	168	367.4	1.245	4433	1400	660	1260	360
CKGKL-182/6-13	4200	6.6/ $\sqrt{3}$	13	182	367.4	1.348	4707	1420	720	1280	385
CKGKL-14/10-1	4200	11/ $\sqrt{3}$	1	14	220.4	0.288	688	660	310	640	65
CKGKL-70/10-5	4200	11/ $\sqrt{3}$	5	70	220.4	1.440	2299	990	500	910	190
CKGKL-84/10-6	4200	11/ $\sqrt{3}$	6	84	220.4	1.729	2636	1095	440	980	190
CKGKL-168/10-12	4200	11/ $\sqrt{3}$	12	168	220.4	3.457	4433	1230	640	1100	280
CKGKL-182/10-13	4200	11/ $\sqrt{3}$	13	182	220.4	3.745	4707	1275	680	1130	295
CKGKL-14/10-1	4200	12/ $\sqrt{3}$	1	14	202.1	0.343	688	660	350	640	65
CKGKL-70/10-5	4200	12/ $\sqrt{3}$	5	70	202.1	1.714	2299	990	500	910	190
CKGKL-84/10-6	4200	12/ $\sqrt{3}$	6	84	202.1	2.057	2636	1095	500	980	190
CKGKL-168/10-12	4200	12/ $\sqrt{3}$	12	168	202.1	4.114	4433	1230	650	1080	335
CKGKL-182/10-13	4200	12/ $\sqrt{3}$	13	182	202.1	4.457	4707	1275	680	1130	355
CKGKL-15/6-1	4500	6.6/ $\sqrt{3}$	1	15	393.6	0.097	724	715	530	560	105
CKGKL-75/6-5	4500	6.6/ $\sqrt{3}$	5	75	393.6	0.484	2421	1070	580	910	230
CKGKL-90/6-6	4500	6.6/ $\sqrt{3}$	6	90	393.6	0.581	2776	1080	580	920	240
CKGKL-180/6-12	4500	6.6/ $\sqrt{3}$	12	180	393.6	1.162	4669	1380	660	1220	330
CKGKL-195/6-13	4500	6.6/ $\sqrt{3}$	13	195	393.6	1.258	4957	1480	660	1320	355

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	Kvar	kV									
CKGKL-15/10-1	4500	11/√3	1	15	236.2	0.269	724	680	310	640	70
CKGKL-75/10-5	4500	11/√3	5	75	236.2	1.344	2421	1100	410	1020	215
CKGKL-90/10-6	4500	11/√3	6	90	236.2	1.613	2776	1120	570	1040	250
CKGKL-180/10-12	4500	11/√3	12	180	236.2	3.227	4669	1280	495	1140	290
CKGKL-195/10-13	4500	11/√3	13	195	236.2	3.496	4957	1280	585	1140	305
CKGKL-15/10-1	4500	12/√3	1	15	216.5	0.320	724	680	360	640	70
CKGKL-75/10-5	4500	12/√3	5	75	216.5	1.600	2421	1100	410	1020	195
CKGKL-90/10-6	4500	12/√3	6	90	216.5	1.920	2776	1120	570	1040	225
CKGKL-180/10-12	4500	12/√3	12	180	216.5	3.840	4669	1280	600	1140	290
CKGKL-195/10-13	4500	12/√3	13	195	216.5	4.160	4957	1280	600	1140	305
CKGKL-16/6-1	4800	6.6/√3	1	16	419.9	0.091	760	710	380	640	90
CKGKL-80/6-5	4800	6.6/√3	5	80	419.9	0.454	2541	1150	450	1080	195
CKGKL-96/6-6	4800	6.6/√3	6	96	419.9	0.545	2914	1125	590	1020	405
CKGKL-192/6-12	4800	6.6/√3	12	192	419.9	1.089	4900	1320	680	1180	430
CKGKL-208/6-13	4800	6.6/√3	13	208	419.9	1.180	5203	1350	700	1210	205
CKGKL-16/10-1	4800	11/√3	1	16	251.9	0.252	760	685	315	630	75
CKGKL-80/10-5	4800	11/√3	5	80	251.9	1.260	2541	1080	360	1010	200
CKGKL-96/10-6	4800	11/√3	6	96	251.9	1.513	2914	1200	570	1060	230
CKGKL-192/10-12	4800	11/√3	12	192	251.9	3.025	4900	1360	590	1220	320
CKGKL-208/10-13	4800	11/√3	13	208	251.9	3.277	5203	1400	605	1260	340
CKGKL-16/10-1	4800	12/√3	1	16	230.9	0.300	760	685	360	630	75
CKGKL-80/10-5	4800	12/√3	5	80	230.9	1.500	2541	1080	410	1010	200
CKGKL-96/10-6	4800	12/√3	6	96	230.9	1.800	2914	1200	580	1060	230
CKGKL-192/10-12	4800	12/√3	12	192	230.9	3.600	4900	1360	595	1220	320
CKGKL-208/10-13	4800	12/√3	13	208	230.9	3.900	5203	1400	600	1260	340
CKGKL-16.67/10-1	5000	11/√3	1	16.67	262.4	0.242	784	680	370	630	75
CKGKL-83.33/10-5	5000	11/√3	5	83.33	262.4	1.210	2620	1080	470	1010	190
CKGKL-100/10-6	5000	11/√3	6	100	262.4	1.452	3004	1165	570	1020	245
CKGKL-200/10-12	5000	11/√3	12	200	262.4	2.904	5052	1225	750	1080	330
CKGKL-216.67/10-13	5000	11/√3	13	216.67	262.4	3.146	5365	1300	750	1160	350
CKGKL-16.67/10-1	5000	12/√3	1	16.67	240.6	0.288	784	680	370	630	75
CKGKL-83.33/10-5	5000	12/√3	5	83.33	240.6	1.440	2620	1080	470	1010	190
CKGKL-100/10-6	5000	12/√3	6	100	240.6	1.728	3004	1130	540	1010	245
CKGKL-200/10-12	5000	12/√3	12	200	240.6	3.456	5052	1225	760	1080	400
CKGKL-216.67/10-13	5000	12/√3	13	216.67	240.6	3.744	5365	1300	760	1160	425
CKGKL-18/10-1	5400	11/√3	1	18	283.4	0.224	830	760	370	640	85
CKGKL-90/10-5	5400	11/√3	5	90	283.4	1.120	2776	1120	580	980	210
CKGKL-108/10-6	5400	11/√3	6	108	283.4	1.344	3183	1255	590	1110	240
CKGKL-216/10-12	5400	11/√3	12	216	283.4	2.689	5353	1340	760	1200	355
CKGKL-234/10-13	5400	11/√3	13	234	283.4	2.913	5684	1400	680	1260	380
CKGKL-18/10-1	5400	12/√3	1	18	259.8	0.267	830	760	370	640	85
CKGKL-90/10-5	5400	12/√3	5	90	259.8	1.333	2776	1120	550	980	220
CKGKL-108/10-6	5400	12/√3	6	108	259.8	1.600	3183	1255	590	1140	250
CKGKL-216/10-12	5400	12/√3	12	216	259.8	3.200	5353	1340	760	1200	355
CKGKL-234/10-13	5400	12/√3	13	234	259.8	3.467	5684	1400	765	1260	380
CKGKL-20/10-1	6000	11/√3	1	20	314.9	0.202	898	810	370	710	95
CKGKL-100/10-5	6000	11/√3	5	100	314.9	1.008	3004	1005	590	850	245

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	Kvar	kV									
CKGKL-120/10-6	6000	11/ $\sqrt{3}$	6	120	314.9	1.210	3444	1210	610	1060	265
CKGKL-240/10-12	6000	11/ $\sqrt{3}$	12	240	314.9	2.420	5793	1210	630	1060	380
CKGKL-260/10-13	6000	11/ $\sqrt{3}$	13	260	314.9	2.622	6151	1300	640	1160	405
CKGKL-20/10-1	6000	12/ $\sqrt{3}$	1	20	288.7	0.240	898	810	380	770	90
CKGKL-100/10-5	6000	12/ $\sqrt{3}$	5	100	288.7	1.200	3004	1005	580	850	230
CKGKL-120/10-6	6000	12/ $\sqrt{3}$	6	120	288.7	1.440	3444	1215	610	1090	260
CKGKL-240/10-12	6000	12/ $\sqrt{3}$	12	240	288.7	2.880	5793	1210	630	1060	440
CKGKL-260/10-13	6000	12/ $\sqrt{3}$	13	260	288.7	3.120	6151	1300	640	1160	450
CKGKL-22/10-1	6600	11/ $\sqrt{3}$	1	22	346.4	0.183	965	830	350	710	95
CKGKL-110/10-5	6600	11/ $\sqrt{3}$	5	110	346.4	0.917	3227	1170	580	1060	250
CKGKL-132/10-6	6600	11/ $\sqrt{3}$	6	132	346.4	1.100	3700	1180	640	1040	280
CKGKL-264/10-12	6600	11/ $\sqrt{3}$	12	264	346.4	2.200	6222	1250	670	1120	405
CKGKL-286/10-13	6600	11/ $\sqrt{3}$	13	286	346.4	2.383	6607	1310	685	1160	430
CKGKL-22/10-1	6600	12/ $\sqrt{3}$	1	22	317.5	0.218	965	830	370	710	95
CKGKL-110/10-5	6600	12/ $\sqrt{3}$	5	110	317.5	1.091	3227	1170	580	1060	250
CKGKL-132/10-6	6600	12/ $\sqrt{3}$	6	132	317.5	1.309	3700	1180	630	1040	280
CKGKL-264/10-12	6600	12/ $\sqrt{3}$	12	264	317.5	2.618	6222	1250	660	1120	405
CKGKL-286/10-13	6600	12/ $\sqrt{3}$	13	286	317.5	2.836	6607	1310	675	1160	430
CKGKL-23.33/10-1	7000	11/ $\sqrt{3}$	1	23.33	367.4	0.173	1009	830	390	730	95
CKGKL-116.67/10-5	7000	11/ $\sqrt{3}$	5	116.67	367.4	0.864	3372	1175	605	1030	270
CKGKL-140/10-6	7000	11/ $\sqrt{3}$	6	140	367.4	1.037	3867	1200	630	1060	310
CKGKL-280/10-12	7000	11/ $\sqrt{3}$	12	280	367.4	2.074	6503	1315	650	1170	430
CKGKL-303.33/10-13	7000	11/ $\sqrt{3}$	13	303.33	367.4	2.247	6905	1380	690	1240	460
CKGKL-23.33/10-1	7000	12/ $\sqrt{3}$	1	23.33	336.8	0.206	1009	830	360	730	95
CKGKL-116.67/10-5	7000	12/ $\sqrt{3}$	5	116.67	336.8	1.029	3372	1175	610	1030	270
CKGKL-140/10-6	7000	12/ $\sqrt{3}$	6	140	336.8	1.234	3867	1200	640	1060	310
CKGKL-280/10-12	7000	12/ $\sqrt{3}$	12	280	336.8	2.469	6503	1315	670	1170	430
CKGKL-303.33/10-13	7000	12/ $\sqrt{3}$	13	303.33	336.8	2.674	6905	1380	680	1240	460
CKGKL-24/10-1	7200	11/ $\sqrt{3}$	1	24	377.9	0.168	1030	875	360	790	95
CKGKL-120/10-5	7200	11/ $\sqrt{3}$	5	120	377.9	0.840	3444	1275	570	1130	290
CKGKL-144/10-6	7200	11/ $\sqrt{3}$	6	144	377.9	1.008	3949	1310	610	1170	330
CKGKL-288/10-12	7200	11/ $\sqrt{3}$	12	288	377.9	2.017	6642	1140	630	1000	435
CKGKL-312/10-13	7200	11/ $\sqrt{3}$	13	312	377.9	2.185	7052	1300	550	1160	460
CKGKL-24/10-1	7200	12/ $\sqrt{3}$	1	24	346.4	0.200	1030	875	360	790	95
CKGKL-120/10-5	7200	12/ $\sqrt{3}$	5	120	346.4	1.000	3444	1275	580	1130	290
CKGKL-144/10-6	7200	12/ $\sqrt{3}$	6	144	346.4	1.200	3949	1310	610	1170	330
CKGKL-288/10-12	7200	12/ $\sqrt{3}$	12	288	346.4	2.400	6642	1140	630	1170	590
CKGKL-312/10-13	7200	12/ $\sqrt{3}$	13	312	346.4	2.600	7052	1300	630	1160	630
CKGKL-26/10-1	7800	11/ $\sqrt{3}$	1	26	409.4	0.155	1094	840	390	790	100
CKGKL-130/10-5	7800	11/ $\sqrt{3}$	5	130	409.4	0.776	3657	1180	600	1040	270
CKGKL-156/10-6	7800	11/ $\sqrt{3}$	6	156	409.4	0.931	4193	1240	640	1100	305
CKGKL-312/10-12	7800	11/ $\sqrt{3}$	12	312	409.4	1.862	7052	1320	680	1180	460
CKGKL-338/10-13	7800	11/ $\sqrt{3}$	13	338	409.4	2.017	7489	1340	680	1200	490
CKGKL-26/10-1	7800	12/ $\sqrt{3}$	1	26	375.3	0.185	1094	840	380	790	100
CKGKL-130/10-5	7800	12/ $\sqrt{3}$	5	130	375.3	0.923	3657	1180	580	1040	270
CKGKL-156/10-6	7800	12/ $\sqrt{3}$	6	156	375.3	1.108	4193	1240	590	1100	305
CKGKL-312/10-12	7800	12/ $\sqrt{3}$	1	312	375.3	2.215	7052	1320	590	1180	460

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	Kvar	kV									
CKGKL-312/35-13	7200	24	13	312	100	31.200	7052	1500	765	1360	625
CKGKL-28/35-1	8400	21	1	28	133.3	1.575	1156	925	610	780	145
CKGKL-140/35-5	8400	21	5	140	133.3	7.875	3867	1240	620	1100	320
CKGKL-168/35-6	8400	21	6	168	133.3	9.450	4433	1300	620	1160	370
CKGKL-336/35-12	8400	21	12	336	133.3	18.900	7456	1540	760	1400	625
CKGKL-364/35-13	8400	21	13	364	133.3	20.475	7917	1620	765	1480	665
CKGKL-140/35-5	8400	22	5	140	127.3	8.643	3867	1240	535	1100	320
CKGKL-168/35-6	8400	22	6	168	127.3	10.371	4433	1300	620	1160	370
CKGKL-336/35-12	8400	22	12	336	127.3	20.743	7456	1540	765	1400	625
CKGKL-364/35-13	8400	22	13	364	127.3	22.471	7917	1620	765	1480	665
CKGKL-140/35-5	8400	24	5	140	116.7	10.286	3867	1240	530	1100	320
CKGKL-168/35-6	8400	24	6	168	116.7	12.343	4433	1300	605	1160	370
CKGKL-336/35-12	8400	24	12	336	116.7	24.686	7456	1540	765	1400	625
CKGKL-364/35-13	8400	24	13	364	116.7	26.743	7917	1620	765	1480	665
CKGKL-32/35-1	9600	21	1	32	152.4	1.378	1278	925	610	780	150
CKGKL-160/35-5	9600	21	5	160	152.4	6.891	4274	1300	660	1160	360
CKGKL-192/35-6	9600	21	6	192	152.4	8.269	4900	1460	685	1320	415
CKGKL-384/35-12	9600	21	12	384	152.4	16.538	8241	1630	695	1490	700
CKGKL-416/35-13	9600	21	13	416	152.4	17.916	8751	1670	795	1530	745
CKGKL-160/35-5	9600	22	5	160	145.5	7.563	4274	1300	660	1160	360
CKGKL-192/35-6	9600	22	6	192	145.5	9.075	4900	1460	685	1320	415
CKGKL-384/35-12	9600	22	12	384	145.5	18.150	8241	1650	780	1490	700
CKGKL-416/35-13	9600	22	13	416	145.5	19.663	8751	1670	795	1530	745
CKGKL-160/35-5	9600	24	5	160	133.3	9.000	4274	1300	665	1160	360
CKGKL-192/35-6	9600	24	6	192	133.3	10.800	4900	1460	685	1320	415
CKGKL-384/35-12	9600	24	12	384	133.3	21.600	8241	1630	785	1490	700
CKGKL-416/35-13	9600	24	13	416	133.3	23.400	8751	1670	795	1530	745
CKGKL-33.33/35-1	10000	21	1	33.33	158.7	1.323	1318	975	630	830	160
CKGKL-166.67/35-5	10000	21	5	166.67	158.7	6.615	4407	1300	660	1160	365
CKGKL-200/35-6	10000	21	6	200	158.7	7.938	5052	1400	690	1260	420
CKGKL-400/20-12	10000	24	12	400	240.6	6.910	6560	1420	1080	1260	870
CKGKL-400/35-12	10000	21	12	400	158.7	15.876	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	21	13	433.33	158.7	17.199	9023	1680	800	1550	775
CKGKL-166.67/35-5	10000	22	5	166.67	151.5	7.260	4407	1300	660	1160	365
CKGKL-200/35-6	10000	22	6	200	151.5	8.712	5052	1400	690	1260	420
CKGKL-400/35-12	10000	22	12	400	151.5	17.424	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	22	13	433.33	151.5	18.876	9023	1680	800	1550	775
CKGKL-166.67/35-5	10000	24	5	166.67	138.9	8.640	4407	1300	660	1160	365
CKGKL-200/35-6	10000	24	6	200	138.9	10.368	5052	1400	690	1260	420
CKGKL-400/35-12	10000	24	12	400	138.9	20.736	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	24	13	433.33	138.9	22.464	9023	1680	800	1550	775
CKGKL-40/35-1	12000	21	1	40	190.5	1.103	1511	1085	630	920	170
CKGKL-200/35-5	12000	21	5	200	190.5	5.513	5052	1270	780	1160	410
CKGKL-240/35-6	12000	21	6	240	190.5	6.615	5793	1320	800	1180	470
CKGKL-480/35-12	12000	21	12	480	190.5	13.230	9742	1680	840	1540	840
CKGKL-520/35-13	12000	21	13	520	190.5	14.333	7623	1710	860	1580	890
CKGKL-200/35-5	12000	22	5	200	181.8	6.050	5052	1270	690	1160	425

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	Kvar	kV									
CKGKL-338/10-13	7800	12/ $\sqrt{3}$	13	338	375.3	2.400	7489	1340	650	1200	490
CKGKL-26.67/10-1	8000	11/ $\sqrt{3}$	1	26.67	419.9	0.151	1115	870	380	790	100
CKGKL-133.33/10-5	8000	11/ $\sqrt{3}$	5	133.33	419.9	0.756	3728	1225	600	1080	275
CKGKL-160/10-6	8000	11/ $\sqrt{3}$	6	160	419.9	0.908	4274	1250	630	1100	315
CKGKL-320/10-12	8000	11/ $\sqrt{3}$	12	320	419.9	1.815	7188	1430	670	1280	475
CKGKL-346.67/10-13	8000	11/ $\sqrt{3}$	13	346.67	419.9	1.966	7632	1435	675	1290	505
CKGKL-26.67/10-1	8000	12/ $\sqrt{3}$	1	26.67	384.9	0.180	1115	870	390	790	100
CKGKL-133.33/10-5	8000	12/ $\sqrt{3}$	5	133.33	384.9	0.900	3728	1225	600	1080	275
CKGKL-160/10-6	8000	12/ $\sqrt{3}$	6	160	384.9	1.080	4274	1250	620	1100	315
CKGKL-320/10-12	8000	12/ $\sqrt{3}$	12	320	384.9	2.160	7188	1430	640	1290	525
CKGKL-346.67/10-13	8000	12/ $\sqrt{3}$	13	346.67	384.9	2.340	7632	1435	735	1290	560
CKGKL-28/10-1	8400	11/ $\sqrt{3}$	1	28	440.9	0.144	1156	820	390	710	105
CKGKL-140/10-5	8400	11/ $\sqrt{3}$	5	140	440.9	0.720	3867	1200	640	1060	290
CKGKL-168/10-6	8400	11/ $\sqrt{3}$	6	168	440.9	0.864	4433	1240	660	1100	330
CKGKL-336/10-12	8400	11/ $\sqrt{3}$	12	336	440.9	1.729	7456	1350	680	1210	490
CKGKL-364/10-13	8400	11/ $\sqrt{3}$	13	364	440.9	1.873	7917	1380	685	1240	520
CKGKL-28/10-1	8400	12/ $\sqrt{3}$	1	28	404.1	0.171	1156	820	390	710	105
CKGKL-140/10-5	8400	12/ $\sqrt{3}$	5	140	404.1	0.857	3867	1200	640	1060	290
CKGKL-168/10-6	8400	12/ $\sqrt{3}$	6	168	404.1	1.029	4433	1240	645	1100	330
CKGKL-336/10-12	8400	12/ $\sqrt{3}$	12	336	404.1	2.057	7456	1350	670	1210	490
CKGKL-364/10-13	8400	12/ $\sqrt{3}$	13	364	404.1	2.229	7917	1380	675	1240	520
CKGKL-30/10-1	9000	11/ $\sqrt{3}$	1	30	472.4	0.134	1218	890	400	790	110
CKGKL-150/10-5	9000	11/ $\sqrt{3}$	5	150	472.4	0.672	4072	1280	420	1140	310
CKGKL-180/10-6	9000	11/ $\sqrt{3}$	6	180	472.4	0.807	4669	1335	525	1190	355
CKGKL-360/10-12	9000	11/ $\sqrt{3}$	12	360	472	1.613	7851	1445	685	1300	530
CKGKL-390/10-13	9000	11/ $\sqrt{3}$	13	390	472	1.748	8337	1560	720	1420	560
CKGKL-30/10-1	9000	12/ $\sqrt{3}$	1	30	433	0.160	1218	890	400	790	110
CKGKL-150/10-5	9000	12/ $\sqrt{3}$	5	150	433	0.800	4072	1280	430	1140	310
CKGKL-180/10-6	9000	12/ $\sqrt{3}$	6	180	433	0.960	4669	1335	660	1190	355
CKGKL-360/10-12	9000	12/ $\sqrt{3}$	12	360	433	1.920	7851	1445	720	1300	585
CKGKL-390/10-13	9000	12/ $\sqrt{3}$	13	390	433	2.080	8337	1560	720	1420	620
CKGKL-33.33/10-1	10000	11/ $\sqrt{3}$	1	33.33	524.9	0.121	1318	780	400	660	125
CKGKL-166.67/10-5	10000	11/ $\sqrt{3}$	5	166.67	524.9	0.605	4407	1200	550	1080	330
CKGKL-200/10-6	10000	11/ $\sqrt{3}$	6	200	524.9	0.726	5052	1275	730	1130	380
CKGKL-400/10-12	10000	11/ $\sqrt{3}$	12	400	524.9	1.452	8497	1410	790	1270	550
CKGKL-433.33/10-13	10000	11/ $\sqrt{3}$	13	433.33	524.9	1.573	9023	1485	795	1340	585
CKGKL-33.33/10-1	10000	12/ $\sqrt{3}$	1	33.33	481.1	0.144	1318	780	400	660	125
CKGKL-166.67/10-5	10000	12/ $\sqrt{3}$	5	166.67	481.1	0.720	4407	1200	540	1080	330
CKGKL-200/10-6	10000	12/ $\sqrt{3}$	6	200	481.1	0.864	5052	1275	720	1130	380
CKGKL-400/10-12	10000	12/ $\sqrt{3}$	12	400	481.1	1.728	8497	1410	760	1270	550
CKGKL-433.33/10-13	10000	12/ $\sqrt{3}$	13	433.33	481.1	1.872	9023	1485	760	1340	585
CKGKL-13.33/35-1	4000	21	1	13.33	63.5	3.308	663	955	610	810	125
CKGKL-66.67/35-5	4000	22	5	66.67	60.6	18.150	2216	1380	760	1210	260
CKGKL-80/35-6	4000	22	6	80	60.6	21.780	2541	1585	760	1420	295
CKGKL-160/35-12	4000	24	12	160	55.6	51.840	4274	1630	1130	1460	470
CKGKL-173.33/35-13	4000	24	13	173.33	55.6	56.160	4538	1630	1190	1460	495
CKGKL-14/35-1	4200	21	1	14	66.7	3.150	688	910	610	770	125

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	kvar	kV									
CKGKL-70/35-5	4200	22	5	70	63.6	17.286	2299	1575	760	1410	280
CKGKL-84/35-6	4200	22	6	84	63.6	20.743	2636	1585	760	1420	285
CKGKL-168/35-12	4200	24	12	168	58.3	49.371	4433	1635	1130	1470	475
CKGKL-182/35-13	4200	24	13	182	58.3	53.486	4707	1685	1130	1520	490
CKGKL-15/35-1	4500	21	1	15	71.4	2.940	724	960	610	820	130
CKGKL-75/35-5	4500	22	5	75	68.2	16.133	2421	1485	760	1320	290
CKGKL-90/35-6	4500	22	6	90	68.2	19.360	2776	1585	760	1420	305
CKGKL-180/35-12	4500	24	12	180	62.5	46.080	4669	1685	1040	1520	450
CKGKL-195/35-13	4500	24	13	195	62.5	49.920	4957	1635	1160	1470	505
CKGKL-16/35-1	4800	21	1	16	76.2	2.756	760	955	610	810	120
CKGKL-80/35-5	4800	21	5	80	76.2	13.781	2541	1100	620	1010	215
CKGKL-96/35-6	4800	21	6	96	76.2	16.538	2914	1200	635	1080	245
CKGKL-192/35-12	4800	21	12	192	76.2	33.075	4900	1360	765	1220	400
CKGKL-208/35-13	4800	21	13	208	76.2	35.831	5203	1400	770	1260	425
CKGKL-80/35-5	4800	22	5	80	72.7	15.125	2541	1100	620	1010	225
CKGKL-96/35-6	4800	22	6	96	72.7	18.150	2914	1200	660	1100	260
CKGKL-192/35-12	4800	22	12	192	72.7	36.300	4900	1360	765	1220	400
CKGKL-208/35-13	4800	22	13	208	72.7	39.325	5203	1400	765	1260	425
CKGKL-80/35-5	4800	24	5	80	66.7	18.000	2541	1100	620	1010	230
CKGKL-96/35-6	4800	24	6	96	66.7	21.600	2914	1250	665	1180	260
CKGKL-192/35-12	4800	24	12	192	66.7	43.200	4900	1360	770	1220	400
CKGKL-208/35-13	4800	24	13	208	66.7	46.800	5203	1400	770	1260	425
CKGKL-20/35-1	6000	21	1	20	95.2	2.205	898	1010	620	840	140
CKGKL-100/35-5	6000	21	5	100	95.2	11.025	3004	1120	620	1010	250
CKGKL-120/35-6	6000	21	6	120	95.2	13.230	3444	1210	630	1080	285
CKGKL-240/35-12	6000	21	12	240	95.2	26.460	5793	1440	760	1300	465
CKGKL-260/35-13	6000	21	13	260	95.2	28.665	6151	1480	765	1350	495
CKGKL-100/35-5	6000	22	5	100	90.9	12.100	3004	1120	620	1010	250
CKGKL-120/35-6	6000	22	6	120	90.9	14.520	3444	1210	630	1080	285
CKGKL-240/35-12	6000	22	12	240	90.9	29.040	5793	1440	760	1300	465
CKGKL-260/35-13	6000	22	13	260	90.9	31.460	6151	1480	765	1350	495
CKGKL-100/35-5	6000	24	5	100	83.3	14.400	3004	1120	625	1010	250
CKGKL-120/35-6	6000	24	6	120	83.3	17.280	3444	1210	630	1080	285
CKGKL-240/35-12	6000	24	12	240	83.3	34.560	5793	1440	760	1300	465
CKGKL-260/35-13	6000	24	13	260	83.3	37.440	6151	1480	765	1350	495
CKGKL-24/35-1	7200	21	1	24	114.3	1.838	1030	915	610	770	135
CKGKL-120/35-5	7200	21	5	120	114.3	9.188	3444	1210	625	1080	285
CKGKL-144/35-6	7200	21	6	144	114.3	11.025	3949	1250	630	1120	325
CKGKL-288/35-12	7200	21	12	288	114.3	22.050	6642	1430	760	1280	550
CKGKL-312/35-13	7200	21	13	312	114.3	23.888	7052	1500	765	1360	585
CKGKL-120/35-5	7200	22	5	120	109.1	10.083	3444	1210	620	1080	285
CKGKL-144/35-6	7200	22	6	144	109.1	12.100	3949	1250	620	1120	325
CKGKL-288/35-12	7200	22	12	288	109.1	24.200	6642	1430	760	1280	550
CKGKL-312/35-13	7200	22	13	312	109.1	26.217	7052	1500	770	1360	585
CKGKL-120/35-5	7200	24	5	120	100	12.000	3444	1210	620	1080	285
CKGKL-144/35-6	7200	24	6	144	100	14.400	3949	1250	620	1120	325
CKGKL-288/35-12	7200	24	12	288	100	28.8000	6642	1430	760	1280	590

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	kvar	kV									
CKGKL-312/35-13	7200	24	13	312	100	31.200	7052	1500	765	1360	625
CKGKL-28/35-1	8400	21	1	28	133.3	1.575	1156	925	610	780	145
CKGKL-140/35-5	8400	21	5	140	133.3	7.875	3867	1240	620	1100	320
CKGKL-168/35-6	8400	21	6	168	133.3	9.450	4433	1300	620	1160	370
CKGKL-336/35-12	8400	21	12	336	133.3	18.900	7456	1540	760	1400	625
CKGKL-364/35-13	8400	21	13	364	133.3	20.475	7917	1620	765	1480	665
CKGKL-140/35-5	8400	22	5	140	127.3	8.643	3867	1240	535	1100	320
CKGKL-168/35-6	8400	22	6	168	127.3	10.371	4433	1300	620	1160	370
CKGKL-336/35-12	8400	22	12	336	127.3	20.743	7456	1540	765	1400	625
CKGKL-364/35-13	8400	22	13	364	127.3	22.471	7917	1620	765	1480	665
CKGKL-140/35-5	8400	24	5	140	116.7	10.286	3867	1240	530	1100	320
CKGKL-168/35-6	8400	24	6	168	116.7	12.343	4433	1300	605	1160	370
CKGKL-336/35-12	8400	24	12	336	116.7	24.686	7456	1540	765	1400	625
CKGKL-364/35-13	8400	24	13	364	116.7	26.743	7917	1620	765	1480	665
CKGKL-32/35-1	9600	21	1	32	152.4	1.378	1278	925	610	780	150
CKGKL-160/35-5	9600	21	5	160	152.4	6.891	4274	1300	660	1160	360
CKGKL-192/35-6	9600	21	6	192	152.4	8.269	4900	1460	685	1320	415
CKGKL-384/35-12	9600	21	12	384	152.4	16.538	8241	1630	695	1490	700
CKGKL-416/35-13	9600	21	13	416	152.4	17.916	8751	1670	795	1530	745
CKGKL-160/35-5	9600	22	5	160	145.5	7.563	4274	1300	660	1160	360
CKGKL-192/35-6	9600	22	6	192	145.5	9.075	4900	1460	685	1320	415
CKGKL-384/35-12	9600	22	12	384	145.5	18.150	8241	1650	780	1490	700
CKGKL-416/35-13	9600	22	13	416	145.5	19.663	8751	1670	795	1530	745
CKGKL-160/35-5	9600	24	5	160	133.3	9.000	4274	1300	665	1160	360
CKGKL-192/35-6	9600	24	6	192	133.3	10.800	4900	1460	685	1320	415
CKGKL-384/35-12	9600	24	12	384	133.3	21.600	8241	1630	785	1490	700
CKGKL-416/35-13	9600	24	13	416	133.3	23.400	8751	1670	795	1530	745
CKGKL-33.33/35-1	10000	21	1	33.33	158.7	1.323	1318	975	630	830	160
CKGKL-166.67/35-5	10000	21	5	166.67	158.7	6.615	4407	1300	660	1160	365
CKGKL-200/35-6	10000	21	6	200	158.7	7.938	5052	1400	690	1260	420
CKGKL-400/20-12	10000	24	12	400	240.6	6.910	6560	1420	1080	1260	870
CKGKL-400/35-12	10000	21	12	400	158.7	15.876	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	21	13	433.33	158.7	17.199	9023	1680	800	1550	775
CKGKL-166.67/35-5	10000	22	5	166.67	151.5	7.260	4407	1300	660	1160	365
CKGKL-200/35-6	10000	22	6	200	151.5	8.712	5052	1400	690	1260	420
CKGKL-400/35-12	10000	22	12	400	151.5	17.424	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	22	13	433.33	151.5	18.876	9023	1680	800	1550	775
CKGKL-166.67/35-5	10000	24	5	166.67	138.9	8.640	4407	1300	660	1160	365
CKGKL-200/35-6	10000	24	6	200	138.9	10.368	5052	1400	690	1260	420
CKGKL-400/35-12	10000	24	12	400	138.9	20.736	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	24	13	433.33	138.9	22.464	9023	1680	800	1550	775
CKGKL-40/35-1	12000	21	1	40	190.5	1.103	1511	1085	630	920	170
CKGKL-200/35-5	12000	21	5	200	190.5	5.513	5052	1270	780	1160	410
CKGKL-240/35-6	12000	21	6	240	190.5	6.615	5793	1320	800	1180	470
CKGKL-480/35-12	12000	21	12	480	190.5	13.230	9742	1680	840	1540	840
CKGKL-520/35-13	12000	21	13	520	190.5	14.333	7623	1710	860	1580	890
CKGKL-200/35-5	12000	22	5	200	181.8	6.050	5052	1270	690	1160	425

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	kvar	kV									
CKGKL-312/35-13	7200	24	13	312	100	31.200	7052	1500	765	1360	625
CKGKL-28/35-1	8400	21	1	28	133.3	1.575	1156	925	610	780	145
CKGKL-140/35-5	8400	21	5	140	133.3	7.875	3867	1240	620	1100	320
CKGKL-168/35-6	8400	21	6	168	133.3	9.450	4433	1300	620	1160	370
CKGKL-336/35-12	8400	21	12	336	133.3	18.900	7456	1540	760	1400	625
CKGKL-364/35-13	8400	21	13	364	133.3	20.475	7917	1620	765	1480	665
CKGKL-140/35-5	8400	22	5	140	127.3	8.643	3867	1240	535	1100	320
CKGKL-168/35-6	8400	22	6	168	127.3	10.371	4433	1300	620	1160	370
CKGKL-336/35-12	8400	22	12	336	127.3	20.743	7456	1540	765	1400	625
CKGKL-364/35-13	8400	22	13	364	127.3	22.471	7917	1620	765	1480	665
CKGKL-140/35-5	8400	24	5	140	116.7	10.286	3867	1240	530	1100	320
CKGKL-168/35-6	8400	24	6	168	116.7	12.343	4433	1300	605	1160	370
CKGKL-336/35-12	8400	24	12	336	116.7	24.686	7456	1540	765	1400	625
CKGKL-364/35-13	8400	24	13	364	116.7	26.743	7917	1620	765	1480	665
CKGKL-32/35-1	9600	21	1	32	152.4	1.378	1278	925	610	780	150
CKGKL-160/35-5	9600	21	5	160	152.4	6.891	4274	1300	660	1160	360
CKGKL-192/35-6	9600	21	6	192	152.4	8.269	4900	1460	685	1320	415
CKGKL-384/35-12	9600	21	12	384	152.4	16.538	8241	1630	695	1490	700
CKGKL-416/35-13	9600	21	13	416	152.4	17.916	8751	1670	795	1530	745
CKGKL-160/35-5	9600	22	5	160	145.5	7.563	4274	1300	660	1160	360
CKGKL-192/35-6	9600	22	6	192	145.5	9.075	4900	1460	685	1320	415
CKGKL-384/35-12	9600	22	12	384	145.5	18.150	8241	1650	780	1490	700
CKGKL-416/35-13	9600	22	13	416	145.5	19.663	8751	1670	795	1530	745
CKGKL-160/35-5	9600	24	5	160	133.3	9.000	4274	1300	665	1160	360
CKGKL-192/35-6	9600	24	6	192	133.3	10.800	4900	1460	685	1320	415
CKGKL-384/35-12	9600	24	12	384	133.3	21.600	8241	1630	785	1490	700
CKGKL-416/35-13	9600	24	13	416	133.3	23.400	8751	1670	795	1530	745
CKGKL-33.33/35-1	10000	21	1	33.33	158.7	1.323	1318	975	630	830	160
CKGKL-166.67/35-5	10000	21	5	166.67	158.7	6.615	4407	1300	660	1160	365
CKGKL-200/35-6	10000	21	6	200	158.7	7.938	5052	1400	690	1260	420
CKGKL-400/20-12	10000	24	12	400	240.6	6.910	6560	1420	1080	1260	870
CKGKL-400/35-12	10000	21	12	400	158.7	15.876	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	21	13	433.33	158.7	17.199	9023	1680	800	1550	775
CKGKL-166.67/35-5	10000	22	5	166.67	151.5	7.260	4407	1300	660	1160	365
CKGKL-200/35-6	10000	22	6	200	151.5	8.712	5052	1400	690	1260	420
CKGKL-400/35-12	10000	22	12	400	151.5	17.424	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	22	13	433.33	151.5	18.876	9023	1680	800	1550	775
CKGKL-166.67/35-5	10000	24	5	166.67	138.9	8.640	4407	1300	660	1160	365
CKGKL-200/35-6	10000	24	6	200	138.9	10.368	5052	1400	690	1260	420
CKGKL-400/35-12	10000	24	12	400	138.9	20.736	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	24	13	433.33	138.9	22.464	9023	1680	800	1550	775
CKGKL-40/35-1	12000	21	1	40	190.5	1.103	1511	1085	630	920	170
CKGKL-200/35-5	12000	21	5	200	190.5	5.513	5052	1270	780	1160	410
CKGKL-240/35-6	12000	21	6	240	190.5	6.615	5793	1320	800	1180	470
CKGKL-480/35-12	12000	21	12	480	190.5	13.230	9742	1680	840	1540	840
CKGKL-520/35-13	12000	21	13	520	190.5	14.333	7623	1710	860	1580	890
CKGKL-200/35-5	12000	22	5	200	181.8	6.050	5052	1270	690	1160	425

Model	Shunt capacitor bank spec.		Rated reactance rate %	Rated capacity kvar	Rate current A	Rated reactance Ω	loss W	Dimension			Weight kg
	Rated capacity kvar	Rated voltage kV						Outer diameter mm	Height mm	Foot mm	
CKGKL-312/35-13	7200	24	13	312	100	31.200	7052	1500	765	1360	625
CKGKL-28/35-1	8400	21	1	28	133.3	1.575	1156	925	610	780	145
CKGKL-140/35-5	8400	21	5	140	133.3	7.875	3867	1240	620	1100	320
CKGKL-168/35-6	8400	21	6	168	133.3	9.450	4433	1300	620	1160	370
CKGKL-336/35-12	8400	21	12	336	133.3	18.900	7456	1540	760	1400	625
CKGKL-364/35-13	8400	21	13	364	133.3	20.475	7917	1620	765	1480	665
CKGKL-140/35-5	8400	22	5	140	127.3	8.643	3867	1240	535	1100	320
CKGKL-168/35-6	8400	22	6	168	127.3	10.371	4433	1300	620	1160	370
CKGKL-336/35-12	8400	22	12	336	127.3	20.743	7456	1540	765	1400	625
CKGKL-364/35-13	8400	22	13	364	127.3	22.471	7917	1620	765	1480	665
CKGKL-140/35-5	8400	24	5	140	116.7	10.286	3867	1240	530	1100	320
CKGKL-168/35-6	8400	24	6	168	116.7	12.343	4433	1300	605	1160	370
CKGKL-336/35-12	8400	24	12	336	116.7	24.686	7456	1540	765	1400	625
CKGKL-364/35-13	8400	24	13	364	116.7	26.743	7917	1620	765	1480	665
CKGKL-32/35-1	9600	21	1	32	152.4	1.378	1278	925	610	780	150
CKGKL-160/35-5	9600	21	5	160	152.4	6.891	4274	1300	660	1160	360
CKGKL-192/35-6	9600	21	6	192	152.4	8.269	4900	1460	685	1320	415
CKGKL-384/35-12	9600	21	12	384	152.4	16.538	8241	1630	695	1490	700
CKGKL-416/35-13	9600	21	13	416	152.4	17.916	8751	1670	795	1530	745
CKGKL-160/35-5	9600	22	5	160	145.5	7.563	4274	1300	660	1160	360
CKGKL-192/35-6	9600	22	6	192	145.5	9.075	4900	1460	685	1320	415
CKGKL-384/35-12	9600	22	12	384	145.5	18.150	8241	1650	780	1490	700
CKGKL-416/35-13	9600	22	13	416	145.5	19.663	8751	1670	795	1530	745
CKGKL-160/35-5	9600	24	5	160	133.3	9.000	4274	1300	665	1160	360
CKGKL-192/35-6	9600	24	6	192	133.3	10.800	4900	1460	685	1320	415
CKGKL-384/35-12	9600	24	12	384	133.3	21.600	8241	1630	785	1490	700
CKGKL-416/35-13	9600	24	13	416	133.3	23.400	8751	1670	795	1530	745
CKGKL-33.33/35-1	10000	21	1	33.33	158.7	1.323	1318	975	630	830	160
CKGKL-166.67/35-5	10000	21	5	166.67	158.7	6.615	4407	1300	660	1160	365
CKGKL-200/35-6	10000	21	6	200	158.7	7.938	5052	1400	690	1260	420
CKGKL-400/20-12	10000	24	12	400	240.6	6.910	6560	1420	1080	1260	870
CKGKL-400/35-12	10000	21	12	400	158.7	15.876	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	21	13	433.33	158.7	17.199	9023	1680	800	1550	775
CKGKL-166.67/35-5	10000	22	5	166.67	151.5	7.260	4407	1300	660	1160	365
CKGKL-200/35-6	10000	22	6	200	151.5	8.712	5052	1400	690	1260	420
CKGKL-400/35-12	10000	22	12	400	151.5	17.424	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	22	13	433.33	151.5	18.876	9023	1680	800	1550	775
CKGKL-166.67/35-5	10000	24	5	166.67	138.9	8.640	4407	1300	660	1160	365
CKGKL-200/35-6	10000	24	6	200	138.9	10.368	5052	1400	690	1260	420
CKGKL-400/35-12	10000	24	12	400	138.9	20.736	8497	1650	790	1510	730
CKGKL-433.33/35-13	10000	24	13	433.33	138.9	22.464	9023	1680	800	1550	775
CKGKL-40/35-1	12000	21	1	40	190.5	1.103	1511	1085	630	920	170
CKGKL-200/35-5	12000	21	5	200	190.5	5.513	5052	1270	780	1160	410
CKGKL-240/35-6	12000	21	6	240	190.5	6.615	5793	1320	800	1180	470
CKGKL-480/35-12	12000	21	12	480	190.5	13.230	9742	1680	840	1540	840
CKGKL-520/35-13	12000	21	13	520	190.5	14.333	7623	1710	860	1580	890
CKGKL-200/35-5	12000	22	5	200	181.8	6.050	5052	1270	690	1160	425

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	kvar	kV									
CKGKL-133.33/35-6	40000	21	1	133.33	634.9	0.331	3728	1130	630	970	275
CKGKL-666.67/35-5	40000	22	5	666.67	606.1	1.815	9184	1660	760	1500	615
CKGKL-800/35-6	40000	22	6	800	606.1	2.178	10530	1760	860	1600	735
CKGKL-1600/35-12	40000	24	12	1600	555.6	5.180	12997	1740	1130	1570	1620
CKGKL-1733.33/35-13	40000	24	13	1733.33	555.6	5.616	18804	2130	1010	1970	1440
CKGKL-668/35-5	40080	22	5	668	607.3	1.810	7588	1550	1385	1390	1060
CKGKL-1100/35-5	66000	23	5	1100	956.5	1.200	9222	1920	985	1770	1650
CKGKL-3000/35-12	75000	25	12	3000	1000.0	3.000	17367	2360	1235	2180	2905
CKGKL-90/63-4.5	6000	40	4.5	90	50	36.000	2776	1080	580	1010	625
CKGKL-100/63-5	6000	40	5	100	50	40.000	3004	1120	600	980	635
CKGKL-120/63-6	6000	40	6	120	50	48.000	3444	1210	660	1060	700
CKGKL-112.5/63-4.5	7500	40	4.5	112.50	62.5	28.800	3282	1185	650	1030	660
CKGKL-125/63-5	7500	40	5	125	63	32.000	3551	1240	665	1100	735
CKGKL-150/63-6	7500	40	6	150	63	38.400	4072	1320	680	1180	780
CKGKL-150/63-4.5	10000	40	4.5	150	83.3	21.600	4072	1320	680	1180	780
CKGKL-166.67/63-5	10000	40	5	166.67	83.3	24.000	4407	1350	690	1210	795
CKGKL-200/63-6	10000	40	6	200	83.3	28.800	5052	1400	700	1260	860
CKGKL-225/63-4.5	15000	40	4.5	225	125	14.400	5519	1420	705	1280	885
CKGKL-250/63-5	15000	40	5	250	125	16.000	5973	1440	710	1300	895
CKGKL-300/63-6	15000	40	6	300	125	19.200	6848	1620	730	1480	940
CKGKL-400/66-6	20000	42	6	400	158.7	15.880	6071	1240	1120	1060	1090
CKGKL-315/63-4.5	21000	40	4.5	315	175	10.286	7103	1620	730	1480	975
CKGKL-350/63-5	21000	40	5	350	175	11.429	7687	1660	760	1520	1015
CKGKL-420/63-6	21000	40	6	420	175	13.714	8814	1800	790	1660	1260
CKGKL-360/63-4.5	24000	40	4.5	360	200	9.000	7851	1660	760	1520	995
CKGKL-400/63-5	24000	40	5	400	200	10.000	8497	1780	790	1640	1160
CKGKL-480/63-6	24000	40	6	480	200	12.000	9742	1840	795	1700	1325
CKGKL-405/63-4.5	27000	40	4.5	405	225	8.000	8577	1780	790	1640	1200
CKGKL-450/63-5	27000	40	5	450	225	8.889	9282	1820	790	1680	1290
CKGKL-540/63-6	27000	40	6	540	225	10.667	7841	1880	805	1740	1340
CKGKL-560/66-6	28000	40	6	560	233.3	10.290	6635	1680	2100	1490	3000
CKGKL-450/63-4.5	30000	40	4.5	450	250	7.200	9282	1820	790	1680	1290
CKGKL-500/63-5	30000	40	5	500	250	8.000	10045	1850	800	1710	1350
CKGKL-264/63-12	6600	44	12	264	50	105.600	6222	1450	910	1310	930
CKGKL-286/63-13	6600	44	13	286	50	114.400	6607	1500	912	1360	945
CKGKL-344/63-12	8600	44	12	344	65.2	81.042	7588	1640	915	1500	1000
CKGKL-372.67/63-13	8600	44	13	372.67	65.2	87.795	8058	1680	920	1540	1280
CKGKL-600/63-12	15000	44	12	600	113.6	46.464	8486	1860	920	1720	1305
CKGKL-650/63-13	15000	44	13	650	113.6	50.336	9011	1870	925	1740	1335
CKGKL-1200/63-12	30000	44	12	1200	227.3	23.232	14272	1880	930	1740	1620
CKGKL-1300/63-13	30000	44	13	1300	227.3	25.168	15155	1880	930	1740	1640
CKGKL-1440/63-12	36000	44	12	1440	272.7	19.360	16363	1885	935	1740	1675
CKGKL-1560/63-13	36000	44	13	1560	272.7	20.973	17376	1890	940	1750	1720
CKGKL-1680/110-12	42000	78	12	1680	179.5	52.150	14469	1530	2300	1350	2970
CKGKL-2400/110-12	20000	75	12	2400	266.7	33.750	17530	1680	2100	1490	3000

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

BKGLK series dry air core shunt reactor technical parameter table

Model	Rated capacity kvar	Rated voltage kV	Rate current A	Rated reactance Ω	Rated inductance mH	Loss ratio %	Dimension			Weight kg
							Outer diameter mm	Height mm	Foot mm	
BKGLK-1000/10	1000	10	173.2	33.33	106.1	1.08	1385	1510	1240	1235
BKGLK-2000/10	2000	10	346.4	16.67	53.1	0.87	1660	1540	1525	1640
BKGLK-3333/10	3333	10	577.3	10.00	31.8	0.58	1810	1670	1670	2625
BKGLK-5000/10	5000	10	866.0	6.67	21.2	0.60	1840	1510	1590	3500
BKGLK-6700/10	6700	10	1160.5	4.98	15.8	0.52	1960	1590	1710	4650
BKGLK-10000/10	10000	10	1732.1	3.33	10.6	0.34	2360	1600	2220	4155
BKGLK-15000/10	15000	10	2598.1	2.22	7.1	0.36	2430	1790	2130	5600
BKGLK-1000/11	1000	11	157.5	40.33	128.4	1.18	1400	1570	1260	1185
BKGLK-10000/11	10000	11	1574.6	4.03	12.8	0.40	2185	1660	2045	4255
BKGLK-667/35	667	35	33.0	612.19	1948.7	1.63	2405	2535	2170	1325
BKGLK-1000/35	1000	35	49.5	408.33	1299.8	1.40	2350	2390	1760	1470
BKGLK-2000/35	2000	35	99.0	204.17	649.9	0.96	2095	2315	1940	2090
BKGLK-3333/35	3333	35	164.9	122.51	390.0	0.68	2070	2215	1760	2720
BKGLK-5000/35	5000	35	247.4	81.67	260.0	0.64	2280	2330	2030	4100
BKGLK-6700/35	6700	35	331.6	60.95	194.0	0.43	2410	2010	2250	4355
BKGLK-10000/35	10000	35	494.9	40.83	130.0	0.38	2550	2330	2400	4820
BKGLK-13333/35	13333	35	659.8	30.63	97.5	0.30	2405	2520	2220	7970
BKGLK-15000/35	15000	35	742.3	27.22	86.7	0.33	2830	3140	2660	7080
BKGLK-18883/35	18883	35	934.5	21.62	68.8	0.25	3090	2360	2900	8995
BKGLK-20000/35	20000	35	989.7	20.42	65.0	0.27	3130	2320	2950	9230
BKGLK-3333/66	3333	66	87.5	435.64	1386.7	3.00	2440	3000	2340	4200
BKGLK-30000/66	30000	66	824.8	44.10	140.4	3.00	3450	3760	3050	14000
BKGLK-35000/110	35000	110	1102.0	57.63	183.4	3.00	3300	3290	3120	14800
BKGLK-40000/110	40000	110	1260.0	50.40	160.4	3.00	3390	3260	3220	16000

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

XKGLK series dry air core current limit reactor technical parameter table

Model	Rated current A	Rated voltage kV	Reactance rate %	Rated inductance mH	Thermal static current 4S kA	Dynamic static current peak kA	Rated capacity kvar	loss W	Dimension			Weight kg
									Outer diameter mm	Height mm	Foot mm	
XKGLK-6-200-1	200	6	1	0.551	5.0	12.8	6.9	406	625	460	720	40
XKGLK-6-200-3	200	6	3	1.654	5.0	12.8	20.8	925	780	220	630	55
XKGLK-6-200-4	200	6	4	2.205	5.0	12.8	27.7	1147	800	430	650	70
XKGLK-6-200-5	200	6	5	2.757	5.0	12.8	34.6	1356	830	510	680	85
XKGLK-6-200-6	200	6	6	3.308	5.0	12.8	41.6	1555	850	550	700	100
XKGLK-6-200-8	200	6	8	4.411	5.0	12.8	55.4	1930	880	570	730	115
XKGLK-10-200-3	200	10	3	2.757	5.0	12.8	34.6	1356	830	430	680	85
XKGLK-10-200-4	200	10	4	2.205	5.0	12.8	27.7	1147	860	310	710	95
XKGLK-10-200-5	200	10	5	2.757	5.0	12.8	34.6	1356	880	510	730	120
XKGLK-10-200-6	200	10	6	3.308	5.0	12.8	41.6	1555	910	550	760	140
XKGLK-10-200-8	200	10	8	4.411	5.0	12.8	55.4	1930	950	600	800	170
XKGLK-6-300-3	300	6	3	1.103	7.5	19.1	31.2	1253	830	470	680	80
XKGLK-6-300-4	300	6	4	1.470	7.5	19.1	41.6	1555	860	510	710	100
XKGLK-6-300-5	300	6	5	1.838	7.5	19.1	52.0	1839	880	245	730	100

Model	Rated current	Rated voltage	Reactance rate	Rated inductance	Thermal static current ⁴ S	Dynamic static current peak	Rated capacity	loss	Dimension			Weight
									Outer diameter	Height	Foot	
	A	kV	%	mH	kA	kA	kvar	W	mm	mm	mm	kg
XKGKL-6-300-6	300	6	6	2.205	7.5	19.1	62.4	2108	900	560	750	125
XKGKL-6-300-8	300	6	8	2.940	7.5	19.1	83.1	2616	930	600	780	155
XKGKL-10-300-3	300	10	3	1.838	7.5	19.1	52.0	1839	880	540	730	110
XKGKL-10-300-4	300	10	4	2.450	7.5	19.1	69.3	2281	910	570	760	135
XKGKL-10-300-5	300	10	5	3.063	7.5	19.1	86.6	2697	940	590	790	160
XKGKL-10-300-6	300	10	6	3.676	7.5	19.1	103.9	3092	970	610	820	185
XKGKL-10-300-8	300	10	8	4.901	7.5	19.1	138.6	3837	990	630	840	230
XKGKL-6-400-3	400	6	3	0.827	10.0	25.5	41.6	1555	860	280	710	90
XKGKL-6-400-4	400	6	4	1.103	10.0	25.5	55.4	1930	905	325	740	110
XKGKL-6-400-5	400	6	5	1.378	10.0	25.5	69.3	2281	910	370	760	140
XKGKL-6-400-6	400	6	6	1.654	10.0	25.5	83.1	2616	920	370	770	155
XKGKL-6-400-8	400	6	8	2.205	10.0	25.5	110.9	3245	950	390	800	160
XKGKL-6-400-10	400	6	10	2.757	10.0	25.5	138.6	3837	960	380	810	225
XKGKL-10-400-3	400	10	3	1.378	10.0	25.5	69.3	2281	910	370	760	135
XKGKL-10-400-4	400	10	4	1.838	10.0	25.5	92.4	2831	930	370	780	155
XKGKL-10-400-5	400	10	5	2.297	10.0	25.5	115.5	3346	950	370	800	200
XKGKL-10-400-6	400	10	6	2.757	10.0	25.5	138.6	3837	960	430	810	200
XKGKL-10-400-8	400	10	8	3.676	10.0	25.5	184.8	4761	1000	490	850	280
XKGKL-10-400-10	400	10	10	4.594	10.0	25.5	230.9	5628	1050	500	900	335
XKGKL-6-500-4	500	6	4	0.882	12.5	31.9	69.3	2281	900	290	750	130
XKGKL-6-500-5	500	6	5	1.103	12.5	31.9	86.6	2697	930	420	780	160
XKGKL-6-500-6	500	6	6	1.323	12.5	31.9	103.9	3092	950	450	800	185
XKGKL-6-500-8	500	6	8	1.764	12.5	31.9	138.6	3837	995	370	820	190
XKGKL-6-500-10	500	6	10	2.205	12.5	31.9	173.2	4536	970	490	840	225
XKGKL-10-500-4	500	10	4	1.470	12.5	31.9	115.5	3346	950	380	800	200
XKGKL-10-500-5	500	10	5	2.757	12.5	31.9	86.6	2697	970	420	820	235
XKGKL-10-500-6	500	10	6	3.308	12.5	31.9	103.9	3092	990	450	840	270
XKGKL-10-500-8	500	10	8	4.411	12.5	31.9	138.6	3837	1020	485	870	335
XKGKL-10-500-10	500	10	10	5.513	12.5	31.9	173.2	4536	1050	520	900	395
XKGKL-6-600-4	600	6	4	0.735	15.0	38.3	83.1	2616	965	385	750	160
XKGKL-6-600-5	600	6	5	0.919	15.0	38.3	103.9	3092	970	450	820	185
XKGKL-6-600-6	600	6	6	1.103	15.0	38.3	124.7	3545	985	325	870	190
XKGKL-6-600-8	600	6	8	1.470	15.0	38.3	166.3	4399	1070	375	920	240
XKGKL-6-600-10	600	6	10	1.838	15.0	38.3	207.8	5200	1125	510	975	305
XKGKL-10-600-4	600	10	4	1.225	15.0	38.3	138.6	3837	1050	460	900	225
XKGKL-10-600-5	600	10	5	1.531	15.0	38.3	173.2	4536	1090	480	940	270
XKGKL-10-600-6	600	10	6	1.838	15.0	38.3	207.8	5200	1125	510	975	305
XKGKL-10-600-8	600	10	8	2.450	15.0	38.3	277.1	6453	1175	530	1020	380
XKGKL-10-600-10	600	10	10	3.063	15.0	38.3	346.4	7628	1240	550	1090	410
XKGKL-6-800-4	800	6	4	0.551	20.0	51.0	110.9	3245	950	335	800	165
XKGKL-6-800-5	800	6	5	0.689	20.0	51.0	138.6	3837	1000	360	850	205
XKGKL-6-800-6	800	6	6	0.827	20.0	51.0	166.3	4399	1085	385	940	230
XKGKL-6-800-8	800	6	8	1.103	20.0	51.0	221.7	5458	1140	440	990	275
XKGKL-6-800-10	800	6	10	1.378	20.0	51.0	277.1	6453	1180	360	1050	315
XKGKL-10-800-4	800	10	4	0.919	20.0	51.0	184.8	4761	1110	480	960	265
XKGKL-10-800-5	800	10	5	1.149	20.0	51.0	230.9	5628	1160	500	1010	310
XKGKL-10-800-6	800	10	6	1.378	20.0	51.0	277.1	6453	1100	370	1050	295

Model	Rated current	Rated voltage	Reactance rate	Rated inductance	Thermal static current 4S	Dynamic static current peak	Rated capacity	loss	Dimension			Weight
									Outer diameter	Height	Foot	
	A	kV	%	mH	kA	kA	kvar	W	mm	mm	mm	kg
XKGKL-10-800-8	800	10	8	1.838	20.0	51.0	369.5	8006	1240	415	1090	385
XKGKL-10-800-10	800	10	10	2.297	20.0	51.0	461.9	9465	1290	650	1140	515
XKGKL-6-1000-4	1000	6	4	0.441	25.0	63.8	138.6	3837	1010	330	840	205
XKGKL-6-1000-5	1000	6	5	0.551	25.0	63.8	173.2	4536	1020	350	860	230
XKGKL-6-1000-6	1000	6	6	0.662	25.0	63.8	207.8	5200	1050	375	880	265
XKGKL-6-1000-8	1000	6	8	0.882	25.0	63.8	277.1	6453	990	500	990	225
XKGKL-6-1000-10	1000	6	10	1.103	25.0	63.8	346.4	7628	1010	530	1050	250
XKGKL-6-1000-12	1000	6	12	1.323	25.0	63.8	415.7	8746	1030	560	1090	285
XKGKL-10-1000-4	1000	10	4	0.735	25.0	63.8	230.9	5628	1140	580	970	355
XKGKL-10-1000-5	1000	10	5	0.919	25.0	63.8	288.7	6653	1200	610	1010	415
XKGKL-10-1000-6	1000	10	6	1.103	25.0	63.8	346.4	7628	1250	475	1050	370
XKGKL-10-1000-8	1000	10	8	1.470	25.0	63.8	461.9	9465	1225	495	1075	470
XKGKL-10-1000-10	1000	10	10	1.838	25.0	63.8	577.4	8245	1250	695	1100	610
XKGKL-10-1000-12	1000	10	12	2.205	25.0	63.8	692.8	9453	1290	740	1140	700
XKGKL-6-1500-4	1500	6	4	0.294	37.5	95.6	207.8	5200	1100	560	950	285
XKGKL-6-1500-5	1500	6	5	0.919	37.5	95.6	433.0	9018	1150	370	1000	320
XKGKL-6-1500-6	1500	6	6	0.441	37.5	95.6	311.8	7049	1200	600	1050	385
XKGKL-6-1500-8	1500	6	8	0.588	37.5	95.6	415.7	8746	1260	630	1110	480
XKGKL-6-1500-10	1500	6	10	0.735	37.5	95.6	519.6	7618	1350	395	1190	485
XKGKL-6-1500-12	1500	6	12	0.882	37.5	95.6	623.5	8735	1380	660	1230	565
XKGKL-10-1500-4	1500	10	4	0.490	37.5	95.6	346.4	7628	1240	680	1090	415
XKGKL-10-1500-5	1500	10	5	0.613	37.5	95.6	433.0	9018	1300	630	1150	495
XKGKL-10-1500-6	1500	10	6	0.735	37.5	95.6	519.6	7618	1360	375	1190	470
XKGKL-10-1500-8	1500	10	8	0.980	37.5	95.6	692.8	9453	1415	420	1230	570
XKGKL-10-1500-10	1500	10	10	1.225	37.5	95.6	866.0	11175	1450	700	1250	830
XKGKL-10-1500-12	1500	10	12	1.470	37.5	95.6	1039.2	12812	1500	720	1300	960
XKGKL-6-2000-4	2000	6	4	0.221	50.0	127.5	277.1	6453	1170	650	1020	355
XKGKL-6-2000-5	2000	6	5	0.276	50.0	127.5	346.4	7628	1260	420	1110	360
XKGKL-6-2000-6	2000	6	6	0.331	50.0	127.5	415.7	8746	1350	680	1200	480
XKGKL-6-2000-8	2000	6	8	0.441	50.0	127.5	554.3	7996	1415	440	1250	480
XKGKL-6-2000-10	2000	6	10	0.551	50.0	127.5	692.8	9453	1450	780	1300	600
XKGKL-6-2000-12	2000	6	12	0.662	50.0	127.5	831.4	10838	1480	820	1280	705
XKGKL-10-2000-4	2000	10	4	0.368	50.0	127.5	461.9	9465	1360	410	1210	460
XKGKL-10-2000-5	2000	10	5	0.459	50.0	127.5	577.4	8245	1410	425	1250	505
XKGKL-10-2000-6	2000	10	6	0.551	50.0	127.5	692.8	9453	1455	460	1300	580
XKGKL-10-2000-8	2000	10	8	0.735	50.0	127.5	923.8	11729	1490	490	1290	770
XKGKL-10-2000-10	2000	10	10	0.919	50.0	127.5	1154.7	13866	1695	585	1340	825
XKGKL-10-2000-12	2000	10	12	1.103	50.0	127.5	1385.6	15898	1580	930	1380	1185
XKGKL-6-2500-4	2500	6	4	0.176	62.5	159.4	346.4	7628	1280	640	1130	420
XKGKL-6-2500-5	2500	6	5	0.221	62.5	159.4	433.0	9018	1350	650	1200	500
XKGKL-6-2500-6	2500	6	6	0.265	62.5	159.4	519.6	7618	1430	420	1250	475
XKGKL-6-2500-8	2500	6	8	0.353	62.5	159.4	692.8	9453	1460	750	1310	710
XKGKL-6-2500-10	2500	6	10	0.441	62.5	159.4	866.0	11175	1490	760	1290	840
XKGKL-6-2500-12	2500	6	12	0.529	62.5	159.4	1039.2	12812	1530	800	1330	960
XKGKL-10-2500-4	2500	10	4	0.294	62.5	159.4	577.4	8245	1450	370	1300	510
XKGKL-10-2500-5	2500	10	5	0.368	62.5	159.4	721.7	9747	1470	420	1270	605
XKGKL-10-2500-6	2500	10	6	0.441	62.5	159.4	866.0	11175	1480	460	1290	670

Model	Rated current	Rated voltage	Reactance rate	Rated inductance	Thermal static current 4S	Dynamic static current peak	Rated capacity	loss	Dimension			Weight
									Outer diameter	Height	Foot	
	A	kV	%	mH	kA	kA	kvar	W	mm	mm	mm	kg
XKGKL-10-2500-8	2500	10	8	0.588	62.5	159.4	1154.7	13866	1510	535	1350	870
XKGKL-10-2500-10	2500	10	10	0.735	62.5	159.4	1443.4	16392	1640	490	1425	940
XKGKL-10-2500-12	2500	10	12	0.882	62.5	159.4	1732.1	18794	1670	880	1470	1410
XKGKL-6-3000-4	3000	6	4	0.147	75.0	191.3	415.7	8746	1300	610	1150	485
XKGKL-6-3000-5	3000	6	5	0.184	75.0	191.3	519.6	7618	1370	660	1220	570
XKGKL-6-3000-6	3000	6	6	0.221	75.0	191.3	623.5	8735	1410	660	1260	655
XKGKL-6-3000-8	3000	6	8	0.294	75.0	191.3	831.4	10838	1470	450	1250	685
XKGKL-6-3000-10	3000	6	10	0.368	75.0	191.3	1039.2	12812	1560	450	1350	740
XKGKL-6-3000-12	3000	6	12	0.441	75.0	191.3	1247.1	14690	1590	790	1390	1205
XKGKL-10-3000-4	3000	10	4	0.245	75.0	191.3	692.8	9453	1510	400	1330	585
XKGKL-10-3000-5	3000	10	5	0.306	75.0	191.3	866.0	11175	1520	455	1350	690
XKGKL-10-3000-6	3000	10	6	0.368	75.0	191.3	1039.2	12812	1560	780	1360	960
XKGKL-10-3000-8	3000	10	8	0.490	75.0	191.3	1385.6	15898	1585	640	1395	960
XKGKL-10-3000-10	3000	10	10	0.613	75.0	191.3	1732.1	18794	1650	600	1450	1185
XKGKL-10-3000-12	3000	10	12	0.735	75.0	191.3	2078.5	21548	1695	700	1495	1360
XKGKL-6-3500-4	3500	6	4	0.126	87.5	223.1	485.0	9818	1540	760	1300	545
XKGKL-6-3500-5	3500	6	5	0.158	87.5	223.1	606.2	8552	1560	810	1410	640
XKGKL-6-3500-6	3500	6	6	0.189	87.5	223.1	727.5	9805	1505	460	1400	650
XKGKL-6-3500-8	3500	6	8	0.252	87.5	223.1	969.9	12166	1640	900	1440	910
XKGKL-6-3500-10	3500	6	10	0.315	87.5	223.1	1212.4	14383	1680	1070	1480	1080
XKGKL-6-3500-12	3500	6	12	0.378	87.5	223.1	1454.9	16490	1740	530	1550	1015
XKGKL-10-3500-4	3500	10	4	0.210	87.5	223.1	808.3	10611	1530	1120	1330	795
XKGKL-10-3500-5	3500	10	5	0.263	87.5	223.1	1010.4	12545	1600	1140	1400	940
XKGKL-10-3500-6	3500	10	6	0.315	87.5	223.1	1212.4	14383	1680	485	1530	835
XKGKL-10-3500-8	3500	10	8	0.420	87.5	223.1	1616.6	17846	1710	560	1590	1040
XKGKL-10-3500-10	3500	10	10	0.525	87.5	223.1	2020.7	21097	1800	610	1600	1200
XKGKL-10-3500-12	3500	10	12	0.630	87.5	223.1	2424.9	24189	1850	610	1650	1470
XKGKL-6-4000-4	4000	6	4	0.110	100.0	255.0	554.3	7996	1450	880	1300	600
XKGKL-6-4000-5	4000	6	5	0.138	100.0	255.0	692.8	9453	1490	950	1340	710
XKGKL-6-4000-6	4000	6	6	0.165	100.0	255.0	831.4	10838	1540	490	1340	740
XKGKL-6-4000-8	4000	6	8	0.221	100.0	255.0	1108.5	13448	1580	550	1380	860
XKGKL-6-4000-10	4000	6	10	0.276	100.0	255.0	1385.6	15898	1620	1110	1420	1190
XKGKL-6-4000-12	4000	6	12	0.331	100.0	255.0	1662.8	18227	1660	1190	1460	1365
XKGKL-10-4000-4	4000	10	4	0.184	100.0	255.0	923.8	11729	1490	1000	1290	880
XKGKL-10-4000-5	4000	10	5	0.230	100.0	255.0	1154.7	13866	1530	1050	1330	1040
XKGKL-10-4000-6	4000	10	6	0.276	100.0	255.0	1385.6	15898	1630	545	1420	965
XKGKL-10-4000-8	4000	10	8	0.368	100.0	255.0	1847.5	19726	1650	1150	1450	1480
XKGKL-10-4000-10	4000	10	10	0.459	100.0	255.0	2309.4	23320	1685	695	1470	1415
XKGKL-10-4000-12	4000	10	12	0.551	100.0	255.0	2771.3	26737	1780	1300	1580	2000
XKGKL-10.5-4000-16	4000	10	16	0.735	100.0	255.0	3695.0	33175	1770	1680	1610	2300
XKGKL-35-20-0.8	20	35	0.8	26.0	0.5	1.3	3.2	463	720	720	580	100
XKGKL-35-40-17	400	35	17	13.67	10.0	25.5	1374.0	15675	1560	1680	1400	1530
XKGKL-35-1500-5	1500	35	5	2.14	37.5	95.6	1515.5	13908	1620	1275	1460	1560

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

FKGLK series dry air core split reactor technical parameter table

Model	Rated voltage	Rated current	Reactance rate	1 phase capacity	1 arm reactance 2S	1 arm short time current	1 phase loss	Dimension			Weight	install
	kV	A	%	mH	kA	kA	kvar	Outer diameter	Height	Foot		
								mm	mm	mm	kg	kg
FKGKL-6.3-2X1500-10	6	2X1500	10	2X546	0.243	38.3	2X12420	1482	1080	1320	1200	三相水平
FKGKL-6.3-2X2500-6	6	2X2500	6	2X546	0.087	107.0	2X12420	1541	1000	1380	1500	三相水平
FKGKL-6.3-2X3000-5	6	2X3000	5	2X572	0.064	153.0	2X12850	1972	1130	1810	1100	三相水平
FKGKL-10-2X1500-6	10	2X1500	6	2X520	0.231	64.0	2X11970	1539	1295	1380	1370	三相水平
FKGKL-10-2X2500-6	10	2X2500	6	2X866	0.139	106.0	2X17560	1778	1415	1620	2120	三相水平
FKGKL-10-2X2500-8	10	2X2500	8	2X887	0.185	62.5	2X17600	1730	1300	1570	1830	三相水平
FKGKL-10-2X3000-8	10	2X3000	8	2X1386	0.154	95.6	2X18170	1730	1130	1570	1200	三相水平

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

BKGL series dry semi iron core shunt reactor technical parameter table

Model	Rated capacity	Rated voltage	React current	Rated reactance	Rated inductance	Loss	Dimension			Weight
	kvar	kV	A	Ω	mH	kW	Outer diameter	Height	Foot	
							mm	mm	mm	kg
BKGL-2667/10	2667	10	461.9	12.50	39.8	14.00	1130	2040	970	3750
BKGL-3333/10	3333	10	577.3	10.00	31.8	14.00	1470	1520	1310	3750
BKGL-5000/10	5000	10	866.0	6.67	21.2	17.00	1575	1520	1520	3750
BKGL-6700/10	6700	10	1160.5	4.98	15.8	20.50	1732	1575	1575	3750
BKGL-10000/10	10000	10	1732.1	3.33	10.6	26.00	1890	1625	1730	3750
BKGL-3333/35	3333	35	164.9	122.51	390.0	15.00	1522	2310	1365	3900
BKGL-5000/35	5000	35	247.4	81.67	260.0	18.50	1669	2310	1490	3900
BKGL-6700/35	6700	35	331.6	60.95	194.0	22.00	1785	2310	1595	3900
BKGL-10000/35	10000	35	494.9	40.83	130.0	28.00	1953	2310	1770	3900
BKGL-15000/35	15000	35	742.3	27.22	86.7	34.00	2089	2310	1890	3915
BKGL-20000/35	20000	35	989.7	20.42	65.0	39.00	2257	2310	2045	3915

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

CKGL series dry semi iron core series reactor technical parameter table

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	kvar	kV	%	kvar	A	Ω	W	mm	mm	mm	kg
CKGL-4/6-1	1200	6.3/ $\sqrt{3}$	1	4	110	0.331	269	765	585	615	45
CKGL-20/6-5	1200	6.6/ $\sqrt{3}$	5	20	105	1.815	898	745	430	670	105
CKGL-24/6-6	1200	6.6/ $\sqrt{3}$	6	24	105	2.178	1030	760	430	670	115
CKGL-48/6-12	1200	6.6/ $\sqrt{3}$	12	48	105	4.356	1732	955	460	870	165
CKGL-52/6-13	1200	6.6/ $\sqrt{3}$	13	52	105	4.719	1840	970	525	890	175
CKGL-4/10-1	1200	11/ $\sqrt{3}$	1	4	66	0.919	269	775	535	630	50
CKGL-20/10-5	1200	11/ $\sqrt{3}$	5	20	63	5.042	898	850	430	670	105
CKGL-24/10-6	1200	11/ $\sqrt{3}$	6	24	63	6.050	1030	895	440	825	110
CKGL-48/10-12	1200	11/ $\sqrt{3}$	12	48	63	12.100	1732	925	460	850	170
CKGL-52/10-13	1200	11/ $\sqrt{3}$	13	52	63	13.108	1840	1020	495	930	180

Model	Shunt capacitor bank spec.		Rated reactance rate %	Rated capacity kvar	Rate current A	Rated reactance Ω	loss W	Dimension			Weight kg
	Rated capacity kvar	Rated voltage kV						Outer diameter mm	Height mm	Foot mm	
CKGL-20/10-5	1200	12/ $\sqrt{3}$	5	20	58	6.000	898	850	365	670	105
CKGL-24/10-6	1200	12/ $\sqrt{3}$	6	24	58	7.200	1030	895	375	825	110
CKGL-48/10-12	1200	12/ $\sqrt{3}$	12	48	57.7	14.400	1732	925	420	850	170
CKGL-52/10-13	1200	12/ $\sqrt{3}$	13	52	57.7	15.600	1840	1020	445	930	180
CKGL-5/6-1	1500	6.3/ $\sqrt{3}$	1	5	137.5	0.265	318	770	585	615	45
CKGL-25/6-5	1500	6.6/ $\sqrt{3}$	5	25	131.2	1.452	1062	760	440	670	110
CKGL-30/6-6	1500	6.6/ $\sqrt{3}$	6	30	131.2	1.742	1218	780	450	680	120
CKGL-60/6-12	1500	6.6/ $\sqrt{3}$	12	60	131.2	3.485	2048	1015	545	920	180
CKGL-65/6-13	1500	6.6/ $\sqrt{3}$	13	65	131.2	3.775	2175	1035	545	930	195
CKGL-5/10-1	1500	11/ $\sqrt{3}$	1	5	82.5	0.735	318	780	535	630	50
CKGL-25/10-5	1500	11/ $\sqrt{3}$	5	25	78.7	4.033	1062	910	440	825	110
CKGL-30/10-6	1500	11/ $\sqrt{3}$	6	30	78.7	4.840	1218	970	440	900	120
CKGL-60/10-12	1500	11/ $\sqrt{3}$	12	60	78.7	9.680	2048	1165	500	1090	190
CKGL-60/10-5	3000	11/ $\sqrt{3}$	6	60	157.5	2.420	2048	575	490	420	195
CKGL-120/10-12	3000	12/ $\sqrt{3}$	12	120	144.3	5.760	3444	660	700	480	355
CKGL-66/35-6	3300	11/ $\sqrt{3}$	6	66	50.0	26.400	1731	680	1220	540	415
CKGL-72/10-6	3600	11/ $\sqrt{3}$	6	72	189.0	2.017	2348	615	480	440	240
CKGL-144/10-12	3600	12/ $\sqrt{3}$	12	144	173.2	4.800	3949	670	490	490	385
CKGL-80/35-6	4000	11/ $\sqrt{3}$	6	80	60.6	21.780	1833	680	1020	540	375
CKGL-75/10-5	4500	11/ $\sqrt{3}$	5	75	236.2	1.344	2421	585	490	405	240
CKGL-90/10-6	4500	11/ $\sqrt{3}$	6	90	236.2	1.613	2776	585	660	375	280
CKGL-180/10-12	4500	12/ $\sqrt{3}$	12	180	216.5	3.840	4669	615	670	455	455
CKGL-80/10-5	4800	11/ $\sqrt{3}$	5	80	251.9	1.260	2541	605	660	450	255
CKGL-96/10-6	4800	11/ $\sqrt{3}$	6	96	251.9	1.513	2914	595	660	440	305
CKGL-192/10-12	4800	12/ $\sqrt{3}$	12	192	230.9	3.600	4900	630	665	470	505
CKGL-83/10-5	5000	11/ $\sqrt{3}$	5	83.333	262.4	1.210	2620	565	665	405	275
CKGL-100/10-6	5000	11/ $\sqrt{3}$	6	100	262.4	1.452	3004	585	665	430	310
CKGL-100/35-6	5000	11/ $\sqrt{3}$	6	100	75.8	17.424	1913	790	1110	650	465
CKGL-200/10-12	5000	12/ $\sqrt{3}$	12	200	240.6	3.456	5052	640	665	480	510
CKGL-200/35-12	5000	12/ $\sqrt{3}$	12	200	69.4	41.472	2866	790	1500	630	785
CKGL-90/10-5	5400	11/ $\sqrt{3}$	5	90	283.4	1.120	2776	585	665	430	280
CKGL-108/10-6	5400	11/ $\sqrt{3}$	6	108	283.4	1.344	3183	670	670	510	330
CKGL-216/10-12	5400	12/ $\sqrt{3}$	12	216	259.8	3.200	5353	670	670	510	545
CKGL-100-10-5	6000	11/ $\sqrt{3}$	5	100	314.9	1.008	3004	585	670	430	310
CKGL-120/10-6	6000	11/ $\sqrt{3}$	6	120	314.9	1.210	3444	630	670	470	350
CKGL-120/35-6	6000	11/ $\sqrt{3}$	6	120	90.9	14.520	2147	800	980	640	470
CKGL-240/10-12	6000	12/ $\sqrt{3}$	12	240	288.7	2.880	5793	640	675	480	595
CKGL-240/35-12	6000	12/ $\sqrt{3}$	12	240	83.3	34.560	3794	790	1390	630	855
CKGL-110/10-5	6600	11/ $\sqrt{3}$	5	110	346.4	0.917	3227	630	675	470	350
CKGL-132/10-6	6600	11/ $\sqrt{3}$	6	132	346.4	1.100	3700	655	675	495	385
CKGL-264/10-12	6600	12/ $\sqrt{3}$	12	264	317.5	2.618	6222	690	675	535	630
CKGL-134/35-6	6700	11/ $\sqrt{3}$	6	134	101.5	13.003	2316	850	910	760	565
CKGL-116.7/10-5	7000	11/ $\sqrt{3}$	5	116.67	367.4	0.864	3372	630	675	470	350
CKGL-140/10-6	7000	11/ $\sqrt{3}$	6	140	367.4	1.037	3867	655	680	495	405
CKGL-280/10-12	7000	12/ $\sqrt{3}$	12	280	336.8	2.469	6503	700	680	545	655
CKGL-120/10-5	7200	11/ $\sqrt{3}$	5	120	377.9	0.840	3444	645	680	485	675
CKGL-144/10-6	7200	11/ $\sqrt{3}$	6	144	377.9	1.008	3949	665	680	505	730

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	kvar	kV									
CKGL-288/10-12	7200	12/√3	12	288	346.4	2.400	6642	680	680	525	675
CKGL-130/10-5	7800	11/√3	5	130	409.4	0.776	3657	645	685	485	380
CKGL-156/10-6	7800	11/√3	6	156	409.4	0.931	4193	655	685	495	435
CKGL-312/10-12	7800	12/√3	12	312	375.3	2.215	7052	705	685	550	715
CKGL-133.3/10-5	8000	11/√3	5	133.33	419.9	0.756	3728	645	685	485	390
CKGL-160/10-6	8000	11/√3	6	160	419.9	0.908	4274	680	685	525	445
CKGL-160/35-6	8000	11/√3	6	160	121.2	10.890	2573	910	830	780	585
CKGL-320/10-12	8000	12/√3	12	320	384.9	2.160	7188	755	690	595	725
CKGL-140/10-5	8400	11/√3	5	140	440.9	0.720	3867	665	690	505	405
CKGL-168/10-6	8400	11/√3	6	168	440.9	0.864	4433	690	690	535	455
CKGL-336/10-12	8400	12/√3	12	336	404.1	2.057	7456	775	690	615	740
CKGL-150/10-5	9000	11/√3	5	150	472.4	0.672	4072	620	695	465	425
CKGL-180/10-6	9000	11/√3	6	180	472.4	0.807	4669	700	695	545	635
CKGL-360/10-12	9000	12/√3	12	360	433.0	1.920	7851	775	695	615	790
CKGL-160/10-5	9600	11/√3	5	160	503.9	0.630	4274	430	695	270	445
CKGL-192/10-6	9600	11/√3	6	192	503.9	0.756	4900	700	695	545	510
CKGL-384/10-12	9600	12/√3	12	384	461.9	1.800	8241	815	700	660	835
CKGL-167/10-5	10000	11/√3	5	166.67	524.9	0.605	4407	575	700	420	455
CKGL-200.4/10-6	10000	11/√3	6	200	524.9	0.726	5052	585	700	430	520
CKGL-400/10-12	10000	12/√3	12	400	481.1	1.728	4078	965	1120	810	830
CKGL-400/35-12	10000	12/√3	12	400	138.9	20.736	4526	1000	1130	850	910
CKGL-150/35-4.5	10000	11/√3	4.5	150	151.5	6.534	2840	780	830	620	460
CKGL-200/35-6	10000	11/√3	6	200	151.5	8.712	2843	880	840	730	590
CKGL-480/10-12	12000	12/√3	12	480	577.4	1.440	5949	1150	710	980	1140
CKGL-480/35-12	12000	12/√3	12	480	166.7	17.280	4584	990	1355	840	1140

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

CKGLP series magnet shield dry semi iron core series reactor technical parameter table

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	loss	Dimension			Weight
	Rated capacity	Rated voltage						Outer diameter	Height	Foot	
	kvar	kV									
CKGLP-120/10-12	3000	12/√3	12	120	144	5.760	1627	810	780	630	430
CKGLP-72/10-6	3600	11/√3	6	72	189	2.017	1220	760	680	590	345

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

LKGKL series dry air core filter reactor technical parameter table

Model	System voltage	Total current	Inductance	Inductance range	Fundamental quality factor	Dimension Outer DiameterXHeight	1 phase weight	Support No.
	kV	%	kvar	A	≥	mm	kg	pcs
LKGKL-6-156-4.61	6	156	4.61	±5	≥40	φ 940 × 560	138	4
LKGKL-6-63-5.87	6	63	5.87	±5	≥40	φ 900 × 640	92	4
LKGKL-6-189-0.81	6	189	0.81	±5	≥40	φ 900 × 440	105	4

Model	System voltage	Total current	Inductance	Inductance range	Fundamental quality factor	Dimension Outer DiameterXHeight	1 phase weight	Support No.
	kV	%	kvar	A	≥	mm	kg	pcs
LKGKL-6-137-9.44	6	137	9.44	±5	≥40	φ900×720	203	4
LKGKL-6-159-3.22	6	159	3.22	±5	≥40	φ880×520	126	4
LKGKL-6-228-0.62	6	228	0.62	±5	≥40	φ980×400	113	4
LKGKL-6-146-0.82	6	146	0.82	±5	≥40	φ900×440	83	4
LKGKL-10-215-3.6	10	215	3.6	±5	≥40	φ930×540	167	4
LKGKL-10-180-3.4	10	180	3.4	±5	≥40	φ930×520	140	4
LKGKL-10-125-2.5	10	125	2.5	±5	≥40	φ900×480	230	4
LKGKL-10-80-1.8	10	80	1.8	±5	≥40	φ860×420	86	4
LKGKL-10-150-5.55	10	150	5.55	±5	≥40	φ880×640	170	4
LKGKL-10-115-4.72	10	115	4.72	±5	≥40	φ900×560	120	4
LKGKL-35-180-26	35	180	26	±5	≥40	φ1250×760	332	4
LKGKL-35-39-114	35	39	115	±5	≥40	φ900×500	260	4
LKGKL-35-20-106	35	20	106	±5	≥40	φ900×480	190	4
LKGKL-35-22-30	35	22	30	±5	≥40	φ900×420	120	4
LKGKL-35-13-51	35	13	51	±5	≥40	φ900×520	90	4

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

BKSC series dry iron core shunt reactor technical parameter table

Model	Rated capacity	Rated voltage	Rated current	Rated reactance	Rated inductance	Loss 75°C	Dimension					weight
							a	b	c	h	i	
	kvar	kV	A	Ω	mH	kW	mm	mm	mm	mm	mm	kg
BKSC-4000/10	4000	10	230.9	25.00	79.6	29.00	2660	1085	2265	645	735	11600
BKSC-5000/10	5000	10	288.7	20.00	63.7	33.40	2720	1345	2348	665	785	13100
BKSC-6000/10	6000	10	346.4	16.67	53.1	37.10	2080	1350	2415	690	905	1500
BKSC-8000/10	8000	10	461.9	12.50	39.8	43.10	2080	1350	2435	720	805	17050
BKSC-10000-10	10000	10	577.4	10.00	31.8	50.80	3125	1805	2545	745	845	20060

以上数据为产品单相数据，此数据仅供参考，我公司将保留更改数据的权利。

CKSC series dry iron core series reactor technical parameter table

Model	Shunt capacitor		Rated reactance rate	Rated current	Rated reactance	Rated capacity	Loss 75°C	Dimension						weight	
	Rated capacity	Rated voltage						a	b	c	d/e	f	h		i
	kvar	kV	%	A	Ω	kvar	kW	mm	mm	mm	mm	mm	mm	mm	kg
CKSC-90/10-4.5	2000	11/√3	4.5	105	2.72	90	1220	1050	740	1103	550/550	1121	416	330	720
CKSC-120/10-6		11/√3	6	105	3.63	120	1300	1030	740	1151	550/550	1131	420	325	770
CKSC-240/10-12		12/√3	12	96	8.66	240	2590	1350	850	1266	660/660	1246	436	430	1150
CKSC-108/10-4.5	2400	11/√3	4.5	126	2.27	108	1170	1050	740	1163	550/550	1171	305	330	800
CKSC-144/10-6		11/√3	6	126	3.02	144	1560	1060	740	1240	550/550	1220	328	335	845
CKSC-288/10-12		12/√3	12	115	7.23	288	3110	1350	850	1266	660/660	1246	436	430	1250
CKSC-135/10-4.5	3000	11/√3	4.5	157	1.82	135	1460	1060	740	1181	550/550	1161	357	335	790
CKSC-180/10-6		11/√3	6	157	2.43	180	1940	1090	740	1265	550/550	1245	312	345	960
CKSC-360/10-12		12/√3	12	144	5.77	360	3240	1360	850	1386	660/660	1366	374	435	1470

Model	Shunt capacitor		Rated reactance rate	Rated current	Rated reactance	Rated capacity	Loss 75°C	Dimension							weight
	Rated capacity	Rated voltage						a	b	c	d/e	f	h	i	
	kvar	kV						mm	mm	mm	mm	mm	mm	mm	
CKSC-162/10-4.5	3600	11/√3	4.5	189	1.51	162	1760	1110	740	1230	550/550	1210	362	345	930
CKSC-216/10-6		11/√3	6	189	2.02	216	2340	1360	850	1126	660/660	1106	363	435	1060
CKSC-432/10-12		12/√3	12	173	4.81	432	3900	1630	1070	1635	1070/820	1615	343	525	2550
CKSC-180/10-4.5	4000	11/√3	4.5	210	1.36	180	1940	1210	740	1285	550/550	1265	403	385	1280
CKSC-240/10-6		11/√3	6	210	1.81	240	2590	1330	850	1186	660/660	1166	313	425	1000
CKSC-480/10-12		12/√3	12	192	4.33	480	4321	1410	850	1451	660/660	1390	379	450	1740
CKSC-189/10-4.5	4200	11/√3	4.5	220	1.3	189	2040	1210	740	1285	550/550	1265	403	385	1280
CKSC-252/10-6		11/√3	6	220	1.73	252	2730	1350	850	1221	660/660	1201	311	430	1190
CKSC-504/10-12		12/√3	12	202	4.12	504	3640	1440	850	1475	660/660	1451	376	460	1870
CKSC-216/10-4.5	4800	11/√3	4.5	252	1.13	216	2340	1110	740	1381	550/550	1090	316	350	1070
CKSC-288/10-6		11/√3	6	252	1.51	288	3110	1270	740	1381	550/550	1361	319	405	1310
CKSC-576/10-12		12/√3	12	231	3.6	576	4150	1630	1070	1254	960/1000	1200	447	525	2130
CKSC-225/10-4.5	5000	11/√3	4.5	262	1.09	225	2430	1360	850	1148	660/660	1095	362	435	1180
CKSC-300/10-6		11/√3	6	262	1.45	300	3240	1290	740	1386	550/550	1270	319	410	1360
CKSC-600/10-12		12/√3	12	241	3.45	600	4320	1630	1070	1252	960/1000	1200	447	525	2130
CKSC-243/10-4.5	5400	11/√3	4.5	283	1.01	243	2630	1360	850	1148	660/660	1095	362	435	1180
CKSC-324/10-6		11/√3	6	283	1.35	324	2920	1290	740	1421	550/550	1401	319	410	1460
CKSC-648/10-12		12/√3	12	260	3.2	648	4670	1500	850	1594	820/660	1574	390	480	2500
CKSC-270/10-4.5	6000	11/√3	4.5	315	0.91	270	2920	1290	850	1353	660/660	1360	319	410	1400
CKSC-360/10-6		11/√3	6	315	1.21	360	3240	1270	850	1545	660/660	1525	362	405	1450
CKSC-720/10-12		12/√3	12	289	2.88	720	5180	1600	1070	1594	820/820	1574	439	515	2415
CKSC-324/10-4.5	7200	11/√3	4.5	378	0.76	324	2920	1290	850	1353	660/660	1360	319	410	1400
CKSC-432/10-6		11/√3	6	378	1.01	432	3890	1420	850	1425	660/660	1405	390	455	1830
CKSC-864/10-12		12/√3	12	346	2.4	864	6230	1740	900	1500	1070/820	1480	409	560	2960
CKSC-351/10-4.5	7800	11/√3	4.5	409	0.7	351	3160	1320	850	1465	660/660	1445	340	420	1570
CKSC-468/10-6		11/√3	6	409	0.93	468	4210	1410	850	1571	660/660	1551	374	450	1860
CKSC-936/10-12		12/√3	12	375	2.22	936	6740	1750	1070	1679	820/820	1659	524	565	3250

以上数据为产品单相数据。此数据仅供参考。我公司将保留更改数据的权利。

CKSQ series full sealed series series reactor technical parameter

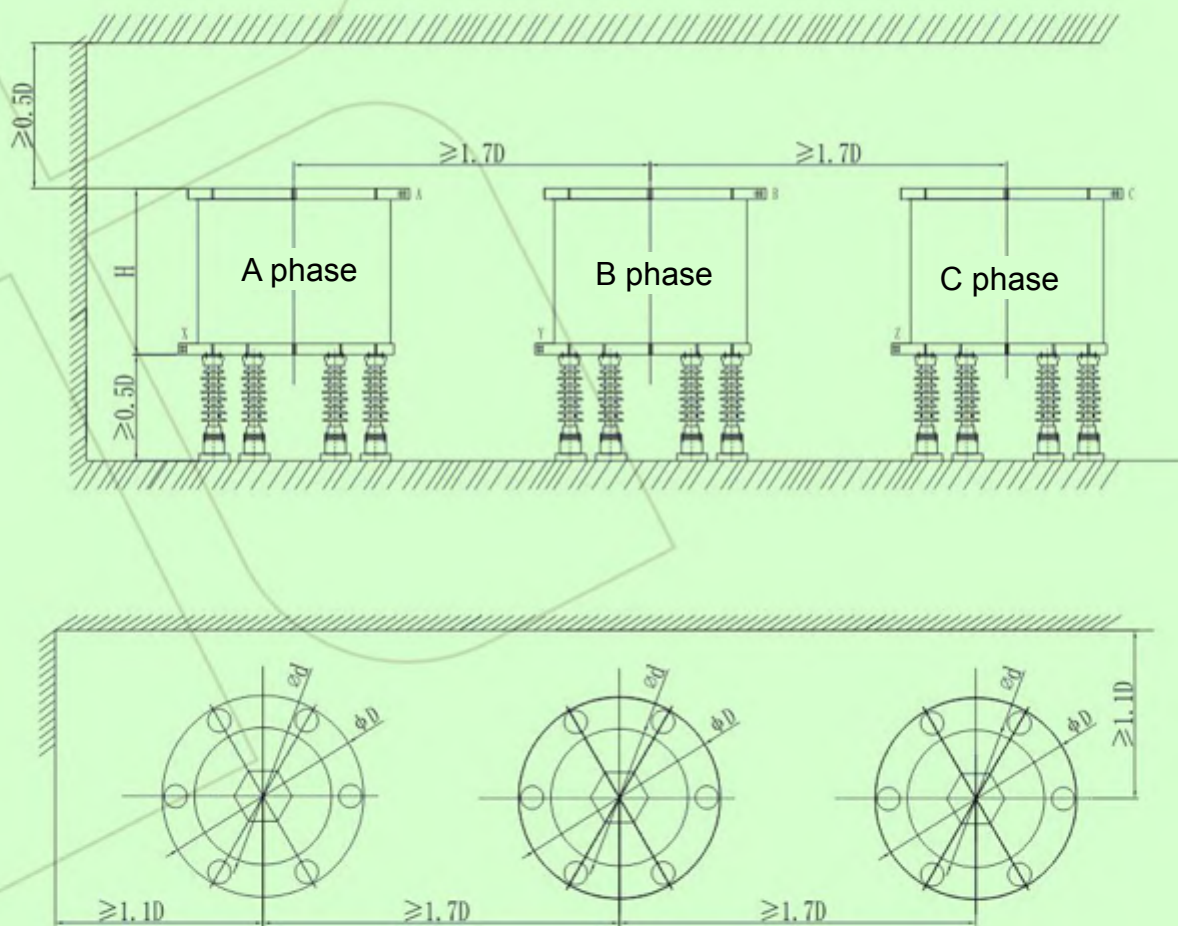
Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	Rated inductance	loss	Dimension		
	Rated capacity	Rated voltage							Outer diameter	Height	Foot
	Kvar	kV							mm	mm	mm
CKSQ-36/10-6	600	11/√3	6	36	94	4.033	12.838	1396	1205	850	1325
CKSQ-60/10-6	1000	11/√3	6	60	157	2.420	7.703	2048	1205	850	1325
CKSQ-72/10-6	1200	11/√3	6	72	189	2.017	6.419	2348	1205	850	1325
CKSQ-90/10-6	1500	11/√3	6	90	236	1.613	5.135	2776	1310	882	1332
CKSQ-108/10-6	1800	11/√3	6	108	283	1.344	4.279	3183	1236	861	1409
CKSQ-120/10-6	2000	11/√3	6	120	315	1.210	3.852	3444	1310	861	1409
CKSQ-126/10-6	2100	11/√3	6	126	331	1.152	3.668	3573	1310	882	1542
CKSQ-144/10-6	2400	11/√3	6	144	378	1.008	3.210	3949	1310	882	1542
CKSQ-150/10-6	2500	11/√3	6	150	394	0.968	3.081	4072	1310	882	1542

Model	Shunt capacitor bank spec.		Rated reactance rate	Rated capacity	Rate current	Rated reactance	Rated inductance	loss	Dimension		
	Rated capacity	Rated voltage							Outer diameter	Height	Foot
	Kvar	kV									
CKSQ-162/10-6	2700	11/√3	6	162	425	0.896	2.853	4314	1310	882	1542
CKSQ-180/10-6	3000	11/√3	6	180	472	0.807	2.568	4669	1310	882	1542
CKSQ-180/10-12	1500	12/√3	12	180	217	3.840	12.223	4669	1310	882	1542
CKSQ-198/10-6	3300	11/√3	6	198	520	0.733	2.334	5014	1310	882	1542
CKSQ-216/10-6	3600	11/√3	6	216	567	0.672	2.140	5353	1373	903	1542
CKSQ-240/10-6	4000	11/√3	6	240	630	0.605	1.926	5793	1373	903	1699
CKSQ-252/10-6	4200	11/√3	6	252	661	0.576	1.834	6009	1373	903	1699
CKSQ-252/10-12	2100	12/√3	12	252	303	2.743	8.731	6009	1373	903	1789
CKSQ-270/10-6	4500	11/√3	6	270	709	0.538	1.712	6328	1373	903	1789
CKSQ-288/10-6	4800	11/√3	6	288	756	0.504	1.605	6642	1373	903	1909
CKSQ-360/10-6	6000	11/√3	6	360	945	0.403	1.284	7851	1514	1029	1972
CKSQ-408/10-6	6800	11/√3	6	408	1071	0.356	1.133	8624	1566	1050	1972
CKSQ-432/10-6	7200	11/√3	6	432	1134	0.336	1.070	9002	1566	1050	1972
CKSQ-435/10-6	7250	11/√3	6	435	1142	0.334	1.062	9049	1566	1050	2014
CKSQ-612/10-6	10200	11/√3	6	612	1606	0.237	0.755	8613	1671	1039	685

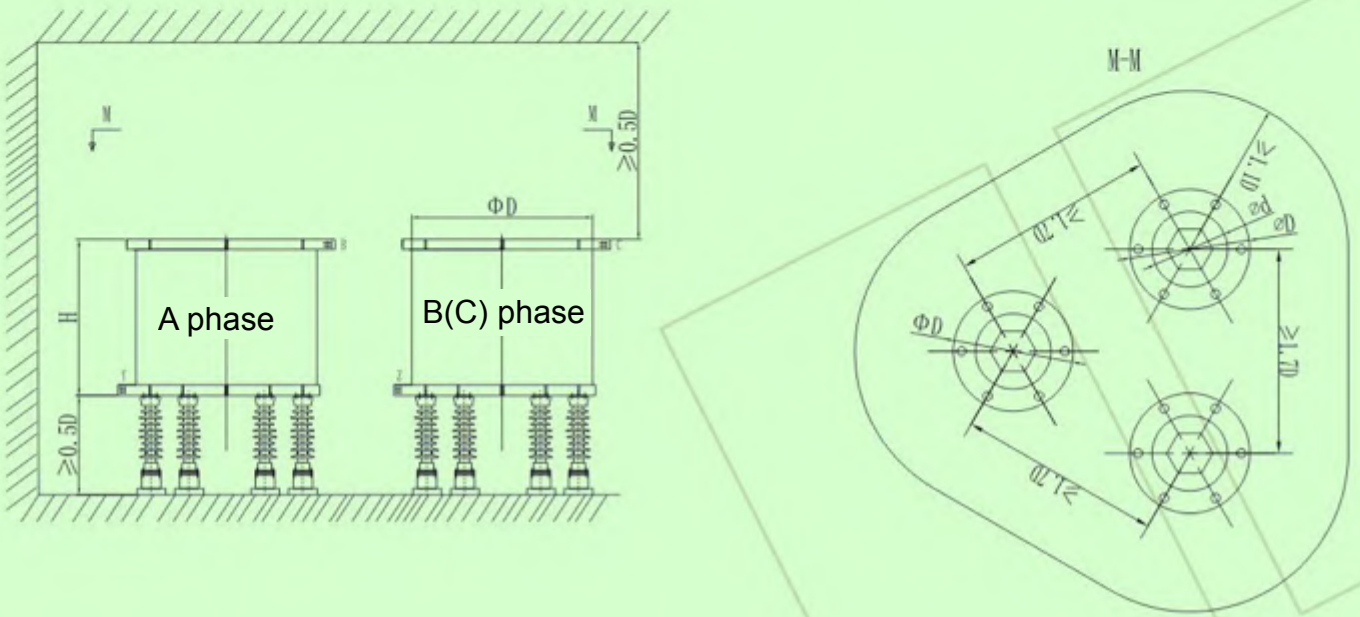
以上数据为产品单相数据，此数据仅供参考。我公司将保留更改数据的权利。

Dry air core reactor outline

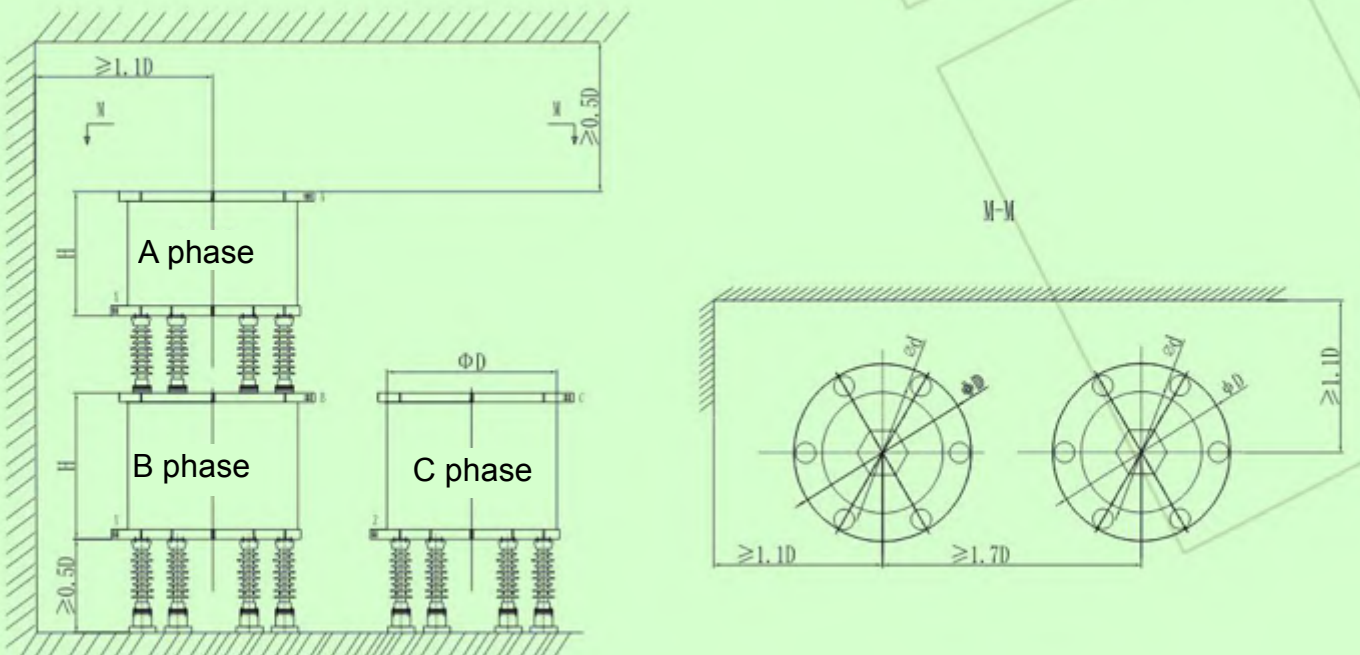
Drawing 1 3 phase side by side in line arrangement



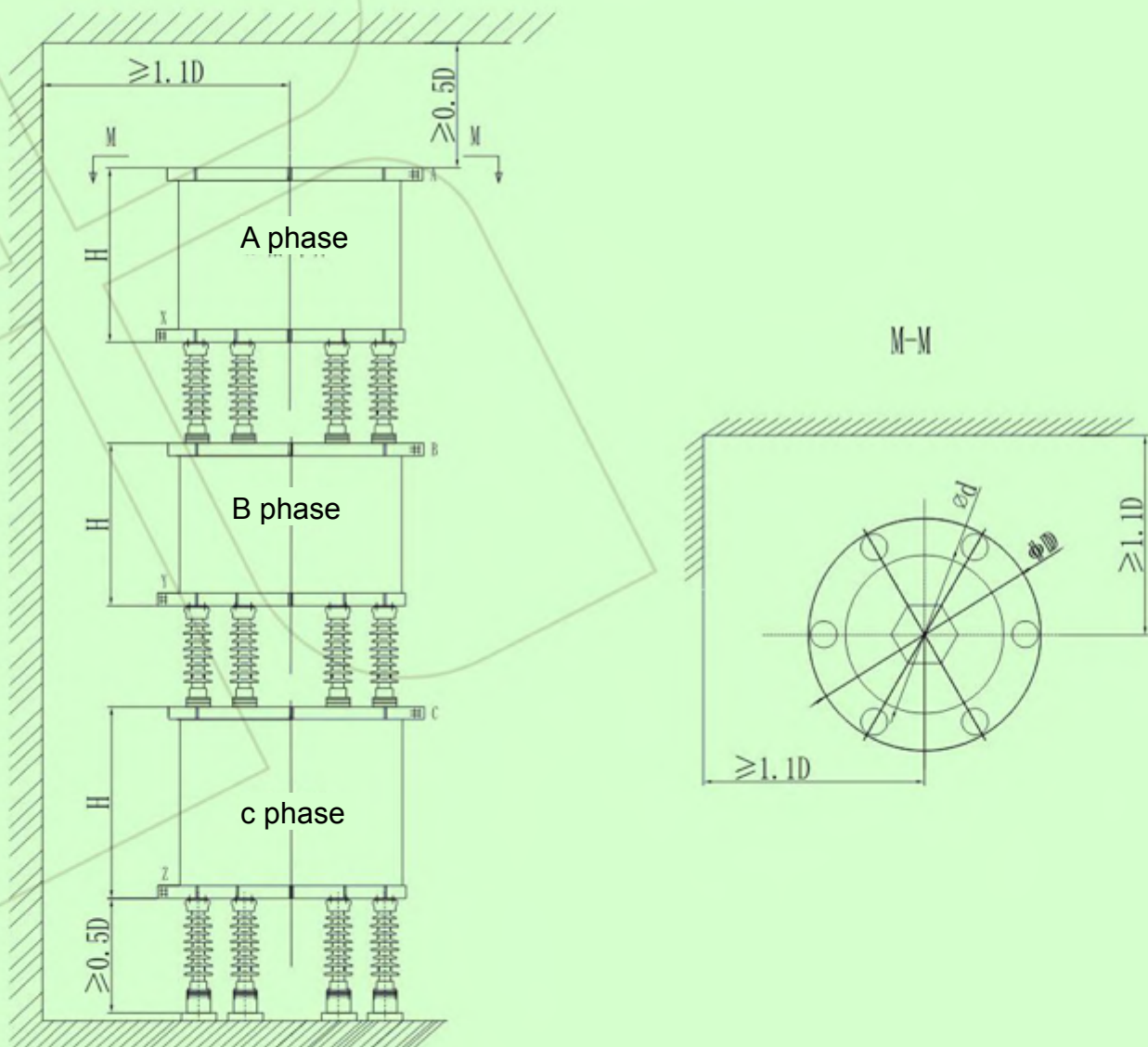
Drawing 2 3 phase side by side triangle arrangement



Drawing 3 2 phase vertical stack 1 phase side arrangement



Drawing 4 3 phase vertical stack arrangement



Dry iron core reactor outline

