



Qin Huangdao Huashenglong Electrical Equipment Co.,Ltd.

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CKGKL Air Core In Series Reactor

Basic Order Data need customer to provide:

- 1.Rated capacity
- 2.Rated voltage
- 3.Rated reactance ratio
- 4.Rated voltage for matching capacitor group
- 5.Rated current and max. continuous current
- 6.Install method (Horizontal or Stacked vertically)
- 7.Working site(indoor or outdoor)
- 8.Incoming and outgoing line terminal angle



Date Sheet

NO.	Capacitor rated capacity	Model	System Voltage	Rated Current	Rated Inductance	External Diameter	Height	Total Height	Loss	Installation diameter	Point	Single Phase Weight
	kvar		kv	A	Ω	mm	mm	mm	kW	mm		kg
1	1200	CKGKL-20/6-5	6	104.8	1.82	750	410	2530	0.83	640	3	140
2		CKGKL-24/6-6		104.8	2.19	770	420	2560	1	640	3	150
3		CKGKL-48/6-12		96.2	5.19	950	450	2635	1.7	810	6	200
4	1500	CKGKL-25/6-5		131	1.46	760	420	2560	1.04	640	3	145
5		CKGKL-30/6-6		131	1.75	780	430	2590	1.15	640	3	160
6		CKGKL-60/6-12		120.2	4.15	1000	520	2860	1.93	870	6	220
7	1800	CKGKL-30/6-5		157.2	1.22	800	430	2590	1.2	720	3	150
8		CKGKL-36/6-6		157.2	1.46	820	440	2620	1.31	780	3	160
9		CKGKL-72/6-12		144.3	3.46	1180	540	2920	2.12	940	6	230
10	2400	CKGKL-40/6-5		209.6	0.91	860	440	2620	1.5	720	3	180
11		CKGKL-48/6-6		209.6	1.09	940	440	2620	1.71	820	6	190
12		CKGKL-96/6-12		192.4	2.59	1200	520	2950	2.61	1060	6	305
13	3000	CKGKL-50/6-5		262	0.73	900	440	2620	1.75	780	6	200
14		CKGKL-60/6-6		262	0.87	980	530	2890	1.94	880	6	210
15		CKGKL-120/6-12		240.5	2.08	1260	585	3155	2.7	1140	6	325



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16	3600	CKGKL-60/6-5		314.4	0.61	1040	530	2890	1.78	940	6	220
17		CKGKL-72/6-6		314.4	0.73	1200	670	3310	2	1020	6	240
18		CKGKL-144/6-12		288.6	1.73	1320	715	3610	3.05	1150	6	370
19	4200	CKGKL-70/6-5		366.5	0.52	1170	570	3010	2.05	1020	6	230
20		CKGKL-84/6-6		366.5	0.62	1235	580	3040	2.26	1070	6	255
21		CKGKL-168/6-12		336.7	1.48	1440	660	3370	3.43	1290	6	395
22	4800	CKGKL-80/6-5		419	0.46	1180	590	3135	2.13	1040	6	250
23		CKGKL-96/6-6		419	0.55	1180	600	3175	2.39	1020	6	275
24		CKGKL-192/6-12		384.8	1.3	1350	720	3535	3.75	1220	6	425
25	1200	CKGKL-20/10-5	10	63	5.06	840	410	2530	0.83	720	6	160
26		CKGKL-24/10-6		63	6.05	895	420	2560	1	740	6	170
27		CKGKL-48/10-12		57.8	14.38	910	480	3185	1.7	760	6	235
28	1500	CKGKL-25/10-5	10	78.7	4.04	900	420	2560	1.05	760	6	165
29		CKGKL-30/10-6		78.7	4.84	965	420	2560	1.18	820	6	180
30		CKGKL-60/10-12		72.2	11.5	1150	480	2885	2.03	1000	6	230
31	1800	CKGKL-30/10-5	10	94.5	3.37	940	420	2560	1.16	800	6	170
32		CKGKL-36/10-6		94.5	4.03	1030	420	2560	1.37	880	6	180
33		CKGKL-72/10-12		86.6	9.6	1140	580	3125	2.21	990	6	255
34	2400	CKGKL-40/10-5	10	126	2.53	950	430	2530	1.41	740	6	185
35		CKGKL-48/10-6		126	3.02	1050	440	2620	1.61	780	6	195
36		CKGKL-96/10-12		115.5	7.19	1170	580	3110	2.55	1020	6	305
37	3000	CKGKL-50/10-5	10	157.2	2.02	1065	450	2650	1.73	915	6	195
38		CKGKL-60/10-6		157.2	2.42	1140	460	2680	1.81	1020	6	220
39		CKGKL-120/10-12		144.4	5.76	1280	605	3190	2.83	1140	6	330
40	3600	CKGKL-60/10-5	10	189	1.69	1065	530	2890	1.76	870	6	220
41		CKGKL-72/10-6		189	2.02	1090	530	2890	2.08	980	6	235
42		CKGKL-144/10-12		173.3	4.8	1380	710	3520	3.15	1070	6	365
43	4000	CKGKL-67/10-5	10	210	1.52	1090	520	2860	1.94	920	6	230
44		CKGKL-80/10-6		210	1.81	1100	540	2950	2.13	970	6	260
45		CKGKL-160/10-12		193	4.32	1400	720	3535	3.21	1080	6	385
46	4200	CKGKL-70/10-5	10	220.5	1.45	1120	530	2890	1.94	880	6	235
47		CKGKL-84/10-6		220.5	1.73	1130	540	2920	2.12	900	6	265
48		CKGKL-168/10-12		202.2	4.11	1400	730	3570	3.41	1120	6	395
49	4800	CKGKL-80/10-5	10	252	1.26	1130	520	2930	2.3	980	6	255
50		CKGKL-96/10-6		252	1.51	1240	570	3085	2.7	1120	6	270



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51		CKGKL-192/10-12		231	3.6	1400	740	3660	3.75	1260	6	440
52	5000	CKGKL-84/10-5		262.5	1.21	1130	550	3010	2.35	970	6	250
53		CKGKL-100/10-6		262.5	1.45	1260	570	3085	2.6	1060	6	285
54		CKGKL-200/10-12		241	3.45	1400	750	3700	3.75	1260	8	430
55	5400	CKGKL-90/10-5		283.5	1.12	1140	580	3115	2.4	1020	6	270
56		CKGKL-108/10-6		283.5	1.34	1260	590	3135	2.5	1140	6	320
57		CKGKL-216/10-12		260	3.2	1400	760	3750	3.8	1270	8	460
58	6000	CKGKL-100/10-5		315	1.01	1150	640	3295	2.7	980	6	285
59		CKGKL-120/10-6		315	1.21	1260	670	3385	2.92	1040	6	335
60		CKGKL-240/10-12		289	2.88	1450	750	3700	4.75	1260	8	485
61	6600	CKGKL-110/10-5		346.5	0.92	1180	640	3295	2.65	1060	6	320
62		CKGKL-132/10-6		346.5	1.1	1280	670	3385	3.01	1060	6	340
63		CKGKL-264/10-12		318	2.62	1450	770	3685	4.95	1150	8	520
64	7000	CKGKL-117/10-5		367.5	0.87	1180	650	3325	2.7	1060	6	320
65		CKGKL-140/10-6		367.5	1.04	1260	680	3415	2.95	1060	6	360
66		CKGKL-280/10-12		337	2.47	1480	790	3810	4.9	1200	8	540
67	7200	CKGKL-120/10-5		378	0.84	1280	640	3370	2.85	1160	6	330
68		CKGKL-144/10-6		378	1.01	1320	640	3295	3.3	1200	6	360
69		CKGKL-288/10-12		347	2.4	1480	800	4000	5	1300	8	550
70	8000	CKGKL-134/10-5		420	0.76	1280	680	3415	2.85	1120	6	330
71		CKGKL-160/10-6		420	0.91	1320	680	3415	3.34	1160	6	380
72		CKGKL-320/10-12		385	2.16	1490	820	4060	4.92	1340	8	580
73	8400	CKGKL-140/10-5		441	0.72	1290	680	3415	3.06	1090	6	350
74		CKGKL-168/10-6		441	0.86	1340	680	3493	3.25	1140	6	380
75		CKGKL-336/10-12		404.3	2.06	1520	820	4060	5.35	1400	8	585
76	9000	CKGKL-150/10-5		472.4	0.67	1320	670	3385	3.06	1200	6	365
77		CKGKL-180/10-6		472.4	0.81	1360	680	3415	3.3	1240	6	405
78		CKGKL-360/10-12		434	1.92	1540	820	4055	5.55	1400	8	615
79	10000	CKGKL-167/10-5		525	0.61	1320	680	3490	3.45	1100	6	370
80		CKGKL-200/10-6		525	0.73	1360	720	3605	3.75	1150	6	420
81		CKGKL-400/10-12		482	1.73	1550	830	3805	5.95	1300	8	650
82	4800	CKGKL-80/35-5	35	73	15.13	1270	840	4420	2.4	1060	6	315
83		CKGKL-96/35-6		73	18.15	1320	890	4570	2.95	1120	8	335
84		CKGKL-192/35-12		67	43.2	1620	945	4870	4.75	1520	8	475
85	6000	CKGKL-100/35-5		91	12.1	1270	850	4450	2.95	1060	6	315



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86		CKGKL-120/35-6	91	14.52	1330	860	4485	3.55	1120	8	385
87		CKGKL-240/35-12	84	34.56	1670	965	4935	5.3	1560	8	530
88	7200	CKGKL-120/35-5	110	10.08	1350	850	4450	2.9	1160	8	360
89		CKGKL-144/35-6	110	12.1	1490	860	4480	3.5	1270	8	410
90		CKGKL-288/35-12	100	28.8	1690	950	4880	5.54	1570	8	585
91	8400	CKGKL-140/35-5	127.3	8.64	1290	880	4540	3.4	1120	6	350
92		CKGKL-168/35-6	127.3	10.37	1290	900	4600	3.2	1070	6	406
93		CKGKL-336/35-12	117	24.69	1720	940	4845	5.65	1470	8	610
94	9600	CKGKL-160/35-5	145.5	7.56	1290	900	4600	3.6	1020	6	780
95		CKGKL-192/35-6	145.5	9.08	1300	920	4660	3.9	1120	8	420
96		CKGKL-384/35-12	133.3	21.6	1690	960	4900	5.9	1470	8	630
97	10000	CKGKL-167/35-5	152	7.26	1350	900	4600	3.6	970	6	400
98		CKGKL-200/35-6	152	8.71	1380	900	4600	3.9	1020	6	440
99		CKGKL-400/35-12	139	20.74	1750	960	4900	6.39	1570	8	680
100	12000	CKGKL-200/35-5	182	6.05	1350	900	4600	3.9	1020	6	430
101		CKGKL-240/35-6	182	7.26	1390	900	4600	4.35	1070	6	490
102		CKGKL-480/35-12	167	17.28	1760	960	4900	6.92	1520	8	690
103	14000	CKGKL-234/35-5	212	5.19	1360	900	4600	4.05	1020	6	475
104		CKGKL-280/35-6	212	6.22	1390	910	4630	4.35	1070	6	535
105		CKGKL-560/35-12	195	14.81	1770	960	4900	7.75	1470	8	750
106	14400	CKGKL-240/35-5	218.2	5.04	1360	910	4630	3.95	1020	6	480
107		CKGKL-288/35-6	218.2	6.05	1395	910	4630	4.25	1070	6	560
108		CKGKL-576/35-12	200	14.4	1780	960	4900	7.3	1470	8	805
109	16000	CKGKL-266/35-5	242	4.55	1360	920	4660	4.93	1090	8	605
110		CKGKL-320/35-6	242	5.45	1395	920	4660	5.37	1140	8	575
111		CKGKL-640/35-12	222	12.96	1780	960	4900	9.01	1440	8	875
112	16800	CKGKL-280/35-5	255	4.32	1365	920	4660	4.91	1100	8	530
113		CKGKL-336/35-6	255	5.19	1395	920	4660	5.39	1120	8	605
114		CKGKL-672/35-12	234	12.3	1790	970	4930	8.38	1320	8	950
115	20000	CKGKL-334/35-5	304	3.62	1380	920	4660	5.25	1120	8	605
116		CKGKL-400/35-6	304	4.36	1400	920	4660	6.01	1170	8	680
117		CKGKL-800/35-12	278	10.37	1800	980	4960	8.79	1390	8	1075
118	24000	CKGKL-400/35-5	364	3.03	1520	900	4600	6.39	1320	8	660
119		CKGKL-480/35-6	364	3.63	1580	910	4630	6.89	1370	8	735
120		CKGKL-960/35-12	334	8.64	1860	930	4690	10.4	1440	8	1185



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121	25200	CKGKL-420/35-5	382	2.88	1570	900	4600	6.62	1360	8	680
122		CKGKL-504/35-6	382	3.46	1600	910	4630	6.73	1390	8	775
123		CKGKL-1008/35-12	350	8.23	1880	915	4790	10.75	1450	8	1210
124	40000	CKGKL-668/35-5	607	1.82	1590	910	4630	9.35	1360	8	930
125		CKGKL-800/35-6	607	2.18	1690	910	4630	9.3	1550	8	1085
126		CKGKL-1600/35-12	557	5.17	1900	1105	5480	16.55	1680	8	1470

Attention: 1. Short-circuit current is 25 times of rated current and the duration time is 3 seconds.

2. Series reactor is designed by three-phase vertical stacked, it also can be designed by customer's special requirements

3. Data included in the table for referency only.