



VALIADIS
HELLENIC MOTORS

Kc
KHVc
TMKHVc
AHVc

Compact Design Motors

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K_C-SERIES



VALIADIS S.A.
Hellenic Motors
 Quality Assurance Certificate EN ISO 9001:2008
 Certificate Reg.No. 04100970683

Kc-series

Datasheet

Low Voltage high power motor , Protection degree IP55

400 V/690 V
 50 Hz /IC411
 2-Poles-3000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 400V	Full Load 690V	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)				A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
Kc315XA-2	220	295	2978	95,1	88,0	379	220	700	72	150	200	2.4	1220
Kc315XB-2	250	335	2978	95,2	88,0	431	250	700	82	150	200	2.4	1250
Kc315XC-2	280	375	2978	95,3	88,0	482	279	700	92	150	200	2.6	1320
Kc315XD-2	315	420	2978	95,4	88,0	542	314	700	103	150	200	2.8	1400
Kc355XB-2	400	535	2978	95,6	89,0	679	393	700	131	150	200	5.3	2180
Kc355XC-2	450	605	2978	95,7	89,0	763	442	700	147	150	200	5.9	2340
Kc355XD-2	500	670	2978	95,8	89,0	846	491	700	164	150	200	6.4	2520
Kc400XA-2	560	750	2980	95,8	89,0	948	550	750	183	140	200	8.6	3200
Kc400XB-2	630	845	2980	95,8	89,0	1067	618	750	206	140	200	9.6	3500
Kc400XC-2	710	950	2980	95,8	89,0	--	697	750	232	140	200	11	3680
Kc450XA-2	800	1070	2985	95,9	89,0	--	784	750	261	120	200	29	5100
Kc450XB-2	900	1205	2985	96,0	89,0	--	881	750	294	120	200	33	5300



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Low Voltage high power motor , Protection degree IP55

400 V/690 V
50 Hz /IC411
4-Poles-1500 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 400V	Full Load 690V	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
Kc315XA-4	220	295	1485	95,2	87,0	383	222	700	144	150	200	3	1300
Kc315XB-4	250	335	1485	95,3	87,0	435	252	700	164	150	200	3	1350
Kc315XC-4	280	375	1485	95,5	87,0	486	282	700	184	150	200	3.5	1380
Kc315XD-4	315	420	1485	95,5	87,0	547	317	700	207	150	200	4	1450
Kc355XB-4	400	535	1485	95,7	87,0	693	402	700	262	160	200	11	2300
Kc355XC-4	450	605	1485	95,8	87,0	779	452	700	295	160	200	12	2450
Kc355XD-4	500	670	1485	95,8	87,0	866	502	700	328	160	200	13	2400
Kc400XA-4	560	750	1488	95,9	88,0	958	555	700	367	160	220	18	3350
Kc400XB-4	630	845	1488	95,9	88,0	1078	625	700	413	160	220	19	3450
Kc400XC-4	710	950	1488	96,0	88,0	--	703	700	465	160	220	22	3650
Kc450XA-4	800	1070	1490	96,0	88,0	--	792	750	523	120	220	37	5200
Kc450XB-4	900	1210	1490	96,1	88,0	--	891	750	589	120	220	40	5500
Kc500XA-4	1000	1340	1490	96,1	88,0	--	989	750	654	110	200	60	6750
Kc500XB-4	1120	1500	1490	96,2	88,0	--	1107	750	733	110	200	68	7050
Kc500XC-4	1250	1680	1490	96,2	88,0	--	1236	750	818	110	200	78	7400
Kc560XA-4	1400	1880	1490	96,3	89,0	--	1367	750	916	110	200	83	8600
Kc560XB-4	1600	2140	1490	96,4	89,0	--	1560	750	1046	110	200	92	8800



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Low Voltage high power motor , Protection degree IP55

400 V/690 V
 50 Hz /IC411
 6-Poles-1000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 400V	Full Load 690V	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
Kc355XB-6	315	420	990	95,2	85,0	562	326	650	310	130	200	14	2320
Kc355XC-6	355	475	990	95,3	85,0	633	367	650	349	130	200	15	2450
Kc355XD-6	400	535	990	95,4	85,0	712	413	650	394	130	200	16	2600
Kc400XA-6	450	605	990	95,6	86,0	790	458	680	443	120	200	24	3650
Kc400XB-6	500	670	990	95,7	86,0	877	508	680	492	120	200	26	3750
Kc400XC-6	560	750	990	95,8	86,0	981	569	680	551	120	200	28	3880
Kc450XA-6	630	845	990	95,9	86,0	1103	639	700	620	110	200	47	4800
Kc450XB-6	710	950	990	95,9	86,0	--	720	700	699	110	200	50	5000
Kc450XC-6	800	1070	990	96,0	86,0	--	811	700	787	110	200	53	5250
Kc500XA-6	900	1205	990	96,0	86,0	--	912	700	886	100	200	89	6750
Kc500XB-6	1000	1340	990	96,1	86,0	--	1012	700	984	100	200	96	7020
Kc500XC-6	1120	1500	990	96,1	86,0	--	1134	700	1102	100	200	103	7300
Kc560XA-6	1250	1680	992	96,2	86,0	--	1264	700	1228	90	200	105	8300
Kc560XB-6	1400	1880	992	96,3	86,0	--	1415	700	1375	90	200	130	8600



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Datasheet

Low Voltage high power motor , Protection degree IP55

400 V/690 V
 50 Hz /IC411
 8-Poles-750 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 400V	Full Load 690V	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
Kc355XB-8	250	335	740	94,9	80,0	475	276	650	329	120	200	15	2420
Kc355XC-8	280	375	740	95,0	80,0	532	308	650	369	120	200	16	2550
Kc355XD-8	315	420	740	95,1	80,0	598	346	650	415	120	200	17	2700
Kc400XA-8	355	475	742	95,2	81,0	665	385	650	466	120	200	23	3350
Kc400XB-8	400	535	742	95,3	81,0	748	434	650	525	120	200	26	3480
Kc400XC-8	450	605	742	95,4	81,0	841	487	650	591	120	200	29	3620
Kc450XA-8	500	670	742	95,5	81,0	933	541	650	657	120	200	48	4900
Kc450XB-8	560	750	742	95,6	81,0	1044	605	650	735	120	200	52	5300
Kc500XA-8	630	845	744	95,6	82,0	--	672	650	825	110	200	88	6750
Kc500XB-8	710	950	744	95,7	82,0	--	757	650	930	110	200	95	7000
Kc500XC-8	800	1070	744	95,8	82,0	--	852	650	1048	110	200	104	7250
Kc560XA-8	900	1210	745	95,9	82,0	--	958	650	1177	100	200	140	8100
Kc560XB-8	1000	1340	745	96,0	82,0	--	1063	650	1308	100	200	160	8400



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Low Voltage high power motor , Protection degree IP55

400 V/690 V
 50 Hz /IC411
 10-Poles-600 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 400V	Full Load 690V	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
Kc355XA-10	180	240	590	94,6	75,0	366	212	550	297	120	200	15	2150
Kc355XB-10	200	270	590	94,7	75,0	406	236	550	330	120	200	16	2300
Kc355XC-10	225	300	590	94,8	75,0	457	265	550	372	120	200	17	2450
Kc355XD-10	250	335	590	94,9	75,0	507	294	550	413	120	200	18	2600
Kc400XA-10	280	375	592	95,0	78,0	545	316	550	461	120	200	28	3350
Kc400XB-10	315	420	592	95,1	78,0	613	355	550	519	120	200	30	3480
Kc450XA-10	355	475	592	95,2	79,0	681	395	600	584	110	200	43	5100
Kc450XB-10	400	535	592	95,3	79,0	767	445	600	658	110	200	46	5400
Kc450XC-10	450	605	592	95,4	79,0	862	500	600	741	110	200	49	5700
Kc500XA-10	500	670	592	95,5	80,0	945	548	600	823	110	200	90	6800
Kc500XB-10	560	750	592	95,6	80,0	1057	613	600	922	110	200	95	7050
Kc500XC-10	630	845	592	95,7	80,0	1188	689	600	1037	110	200	102	7300
Kc560XA-10	710	950	595	96,0	81,0	--	764	600	1163	100	200	128	7850
Kc560XB-10	800	1070	595	96,1	81,0	--	860	600	1310	100	200	138	8050
Kc560XC-10	900	1210	595	96,2	81,0	--	966	600	1474	100	200	150	8250



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Datasheet

Low Voltage high power motor , Protection degree IP55

400 V/690 V
 50 Hz /IC411
 12-Poles-500 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 400V	Full Load 690V	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
Kc355XA-12	132	175	490	94,2	71,0	285	165	500	263	110	200	14	2150
Kc355XB-12	160	215	490	94,3	71,0	345	200	500	318	110	200	15	2300
Kc355XC-12	180	240	490	94,4	71,0	388	225	500	358	110	200	16	2450
Kc400XA-12	200	270	492	94,5	72,0	424	246	500	396	110	200	26	3300
Kc400XB-12	225	300	492	94,6	72,0	477	276	500	446	110	200	28	3450
Kc450XA-12	250	335	492	94,7	73,0	522	303	550	495	100	180	42	5050
Kc450XB-12	280	375	492	94,8	73,0	584	339	550	555	100	180	45	5350
Kc450XC-12	315	420	492	94,9	73,0	656	380	550	624	100	180	48	5680
Kc500XA-12	355	475	492	95,0	74,0	729	423	550	703	90	180	88	6750
Kc500XB-12	400	535	492	95,1	74,0	820	476	550	792	90	180	92	7000
Kc500XC-12	450	605	492	95,2	74,0	922	534	550	891	90	180	96	7250
Kc560XA-12	500	670	495	95,4	75,0	1009	585	600	984	90	180	125	7800
Kc560XB-12	560	750	495	95,5	75,0	1129	654	600	1102	90	180	135	8020
Kc560XC-12	630	840	495	95,6	75,0	--	735	600	1240	90	180	150	8200



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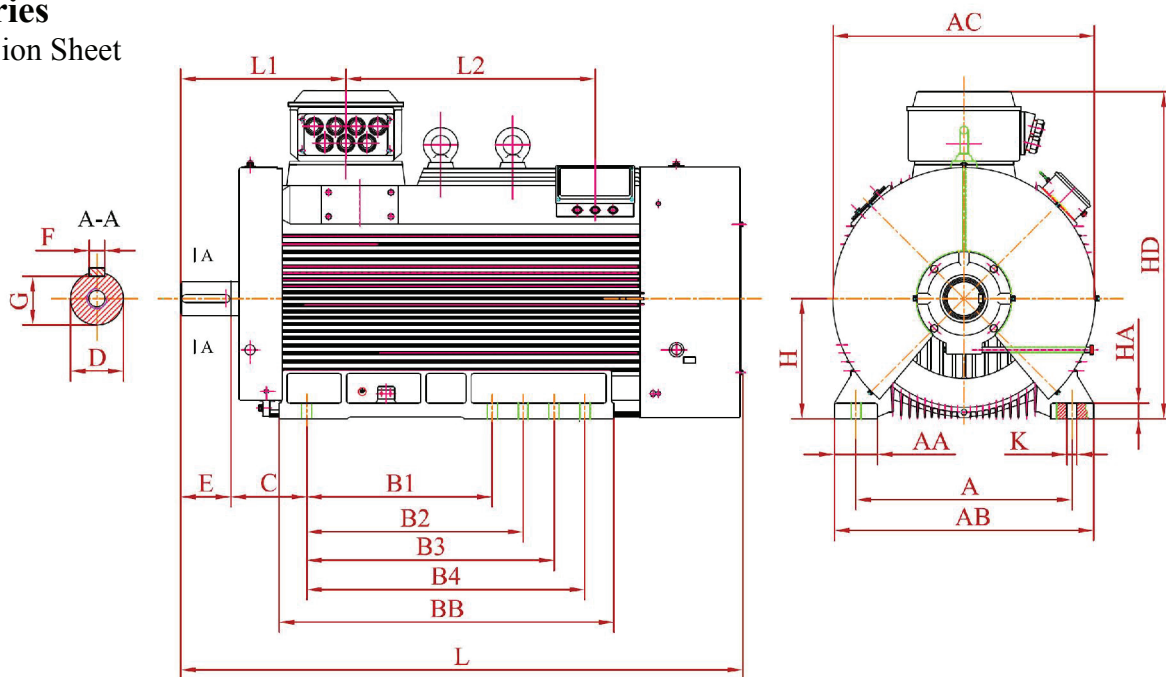
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Kc-series

Dimension Sheet



Mounting : B3

Frame	poles	MOUNTING																
		A	B1	B2	B3	B4	C	D		E	F		G		H		K	
Kc315	2	508/560	630	710	800	-	216±4	65	+0.030 +0.011	140±0.5	18	0 - 0.043	58	0 -0.2	315	0 -1	28*54	
Kc315	4	508/560	630	710	800	-	216±4	80	+0.030 +0.011	170±0.5	22	0 - 0.052	71	0 -0.2	315	0 -1	28*54	
Kc355	2	630±1.4	630	710	800	-	254±4	75	+0.030 +0.011	140±0.5	20	0 - 0.052	67.5	0 -0.2	355	0 -1	35	+0.52 0
Kc355	4~12	630±1.4	630	710	800	-	254±4	95	+0.035 +0.013	170±0.57	25	0 - 0.052	86	0 -0.2	355	0 -1	35	+0.52 0
Kc400	2	686/710	710	800	900	-	280±4	80	+0.035 +0.013	170±0.5	22	0 - 0.052	71	0 -0.2	400	0 -1	35*47	
Kc400	4~12	686/710	710	800	900	-	280±4	110	+0.035 +0.013	210±0.57	28	0 - 0.052	100	0 -0.2	400	0 -1	35*47	
Kc450	2	800±1.75	900	1000	1120	1250	280±4	95	+0.035 +0.013	170±0.5	25	0 - 0.052	86	0 -0.2	450	0 -1	35	+0.62 0
Kc450	4~12	800±1.75	900	1000	1120	1250	280±4	120	+0.035 +0.013	210±0.57	32	0 - 0.062	109	0 -0.2	450	0 -1	35	+0.62 0
Kc500	4~12	900±2.1	1250±2.1				315±4	140	+0.035 +0.013	250±0.57	36	0 - 0.062	128	0 -0.2	500	0 -1	42*60	
Kc560	4~8	900±2.1	1250±2.1				355±4	160	+0.04 +0.015	300±0,65	40	0 - 0.062	147	0 -0,3	560	0 -1	42*52	



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Dimension Sheet

OUTLINE DIMENSIONS FOR INSTALLATION

FRAME	POLES	OUTLINE								
		AC	AA	AB	BB	HA	HD	L1	L2	L
Kc315	2	700	120	680	1080	45	845	462	797	1790
Kc315	4	700	120	680	1080	45	845	492	797	1820
Kc355	2	790	135	760	1140	52	1020	508	841	1880
Kc355	4~12	790	135	760	1140	52	1020	538	841	1910
Kc400	2	864	160	870	1200	50	1100	512	700	2000
Kc400	4~12	864	160	870	1200	50	1100	572	700	2040
Kc450	2	1035	225	980	1495	45	1290	570	921	2380
Kc450	4~12	1035	225	980	1495	45	1290	610	921	2420
Kc500	4~12	1095	180	1080	1600	65	1365	662	980	2560
Kc560	4~12	1195	210	1170	1680	76	1480	710	970	2700



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Hellenic Motors

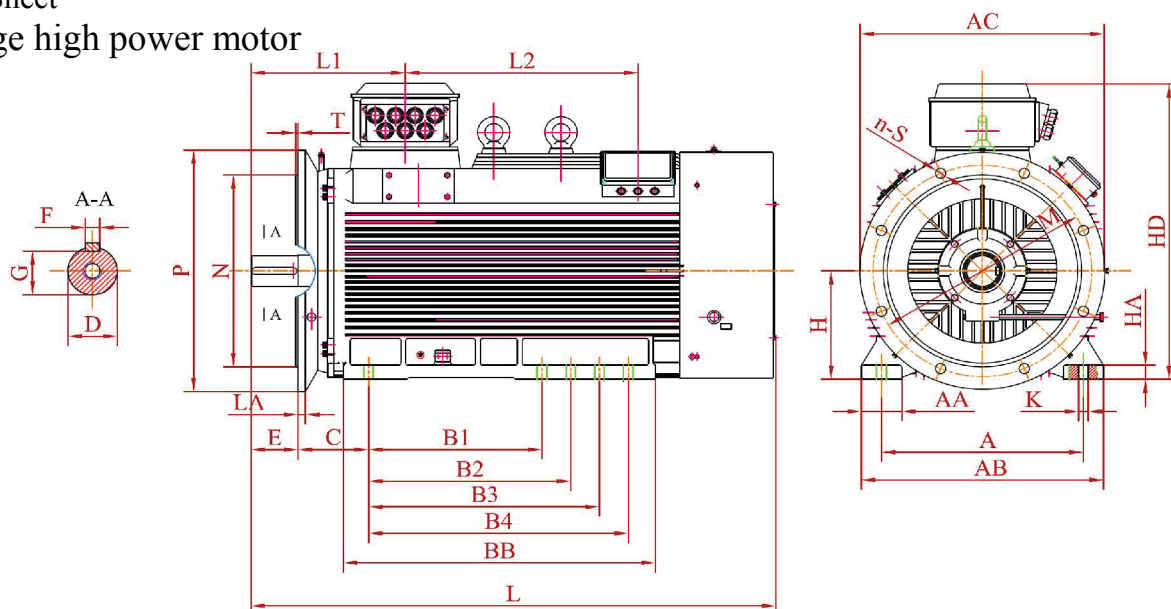
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Kc-series

Dimension Sheet

Low voltage high power motor



Mounting : B35

Frame	poles	MOUNTING																
		A	B1	B2	B3	B4	C	D		E	F		G		H		K	
Kc315	2	508/560	630	710	800	-	216±4	65	+0.030 +0.011	140±0.5	18	0 - 0.043	58	0 -0.2	315	0 -1	28*54	
Kc315	4	508/560	630	710	800	-	216±4	80	+0.030 +0.011	170±0.5	22	0 - 0.052	71	0 -0.2	315	0 -1	28*54	
Kc355	2	630±1.4	630	710	800	-	254±4	75	+0.030 +0.011	140±0.5	20	0 - 0.052	67.5	0 -0.2	355	0 -1	35	+0.52 0
Kc355	4~12	630±1.4	630	710	800	-	254±4	95	+0.035 +0.013	170±0.57	25	0 - 0.052	86	0 -0.2	355	0 -1	35	+0.52 0
Kc400	2	686/710	710	800	900	-	280±4	80	+0.035 +0.013	170±0.5	22	0 - 0.052	71	0 -0.2	400	0 -1	35*47	
Kc400	4~12	686/710	710	800	900	-	280±4	110	+0.035 +0.013	210±0.57	28	0 - 0.052	100	0 -0.2	400	0 -1	35*47	
Kc450	2	800±1.75	900	1000	1120	1250	280±4	95	+0.035 +0.013	170±0.5	25	0 - 0.052	86	0 -0.2	450	0 -1	35	+0.62 0
Kc450	4~12	800±1.75	900	1000	1120	1250	280±4	120	+0.035 +0.013	210±0.57	32	0 - 0.062	109	0 -0.2	450	0 -1	35	+0.62 0
Kc500	4~12	900±2.1	1250±2.1				315±4	140	+0.035 +0.013	250±0.57	36	0 - 0.062	128	0 -0.2	500	0 -1	42*60	
Kc560	4~8	900±2.1	1250±2.1				355±4	160	+0.04 +0.015	300±0.65	40	0 - 0.062	147	0 -0.3	560	0 -1	42*52	



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Dimension Sheet

OUTLINE DIMENSIONS FOR INSTALLATION

Frame	Poles	FLANGE OUTLINE						OUTLINE								
		M	N	P	S	T	LA	AA	AB	AC	BB	HA	HD	L1	L2	L
Kc315	2	600	550	660	8-24	6	22	120	680	700	1080	45	845	462	797	1790
Kc315	4	600	550	660	8-24	6	22	120	680	700	1080	45	845	492	797	1820
Kc355	2	740	680	800	8-24	6	25	135	760	790	1140	52	1020	508	841	1880
Kc355	4~12	740	680	800	8-24	6	25	135	760	790	1140	52	1020	538	841	1910
Kc400	2	940	880	1000	8-28	6	28	160	870	864	1200	50	1100	512	700	2000
Kc400	4~12	940	880	1000	8-28	6	28	160	870	864	1200	50	1100	572	700	2040
Kc450	2	1080	1000	1150	8-28	6	30	225	980	1035	1495	45	1290	570	921	2380
Kc450	4~12	1080	1000	1150	8-28	6	30	225	980	1035	1495	45	1290	610	921	2420
Kc500	4~12	1180	1120	1250	8-28	7	32	180	1080	1095	1600	65	1365	662	980	2560
Kc560	4~12	1180	1120	1250	8-28	7	32	210	1170	1195	1680	76	1480	710	970	2700



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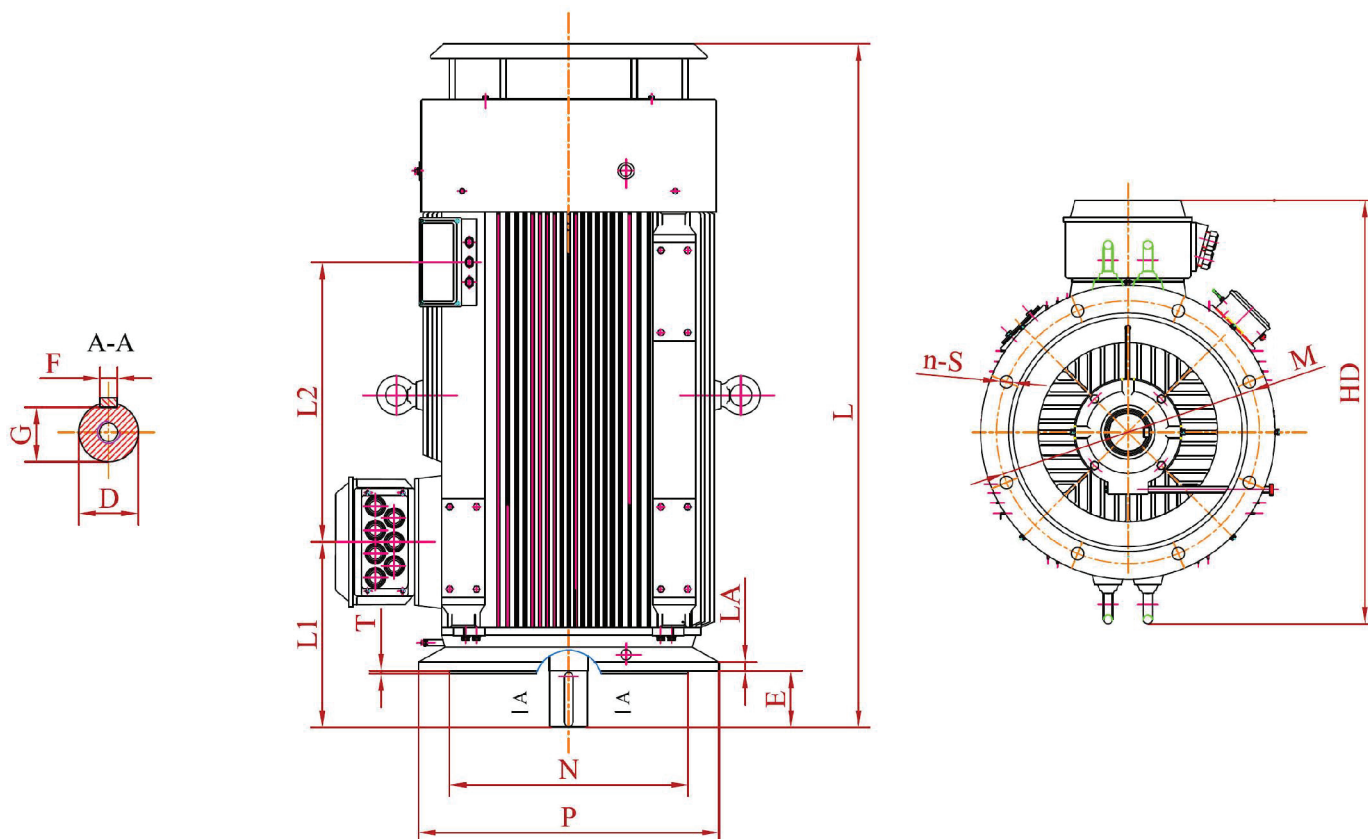
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Kc-series

Dimension Sheet

Low voltage high power motor



Mounting dimensions for installation

Mounting V1

Frame	Poles	Mounting																
		D		E	F		G		M	N	P	n-S	T	LA	HD	L1	L2	L
Kc315	4	80	+0.030 +0.011	170	22	0 -0.052	71	0 -0.2	600	550	660	8-24	6	22	990	492	797	2020
Kc355	4~12	95	+0.035 +0.013	170	25	0 -0.052	86	0 -0.2	740	680	800	8-24	6	25	1190	538	841	2250
Kc400	4~12	110	+0.035 +0.013	210	28	0 -0.052	100	0 -0.2	940	880	1000	8-28	6	28	1270	572	700	2380
Kc450	4~12	120	+0.035 +0.013	210	32	0 -0.062	109	0 -0.2	1080	1000	1150	8-28	6	30	1520	610	921	2600
Kc500	4~12	140	+0.04 +0.015	250	36	0 -0.062	128	0 -0.3	1180	1120	1250	8-28	7	32	1576	662	980	2720
Kc560	4~12	160	+0.04 +0.015	300	40	0 -0.062	147	0 -0.3	1180	1120	1250	8-28	7	32	1681	710	970	2980

KHV_C-SERIES



VALIADIS S.A.

Hellenic Motors

Quality Assurance Certificate EN ISO 9001:2008
Certificate Reg.No. 04100970683

KHVc-series

Datasheet

Medium voltage motor

6Kv(6.6kV)

50Hz / IC411

2 Poles-3000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx. WT.
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	% FLC	Kg-m	%FLT	%FLT	Kg-m ²	Kg
KHV _c 315-2	185	250	2980	94.1	84	22.5	20.5	700	60	70	200	2.6	1900
KHV _c 315-2	200	270	2980	94.3	84	24.3	22.1	700	65	70	200	2.8	2000
KHV _c 315-2	220	295	2980	94.4	84	26.7	24.3	700	72	70	200	3.0	2100
KHV _c 355-2	250	335	2980	94.6	84	30.3	27.5	700	82	70	200	3.5	2250
KHV _c 355-2	280	375	2980	94.7	86	33.1	30.1	700	92	70	200	3.8	2400
KHV _c 355-2	315	420	2980	94.7	86	37.2	33.8	700	103	70	200	4.2	2600
KHV _c 355-2	355	475	2980	94.8	86	41.9	38.1	700	116	70	200	4.7	2800
KHV _c 400-2	400	535	2980	95.2	86	47	42.7	700	131	70	200	7	3200
KHV _c 400-2	450	605	2980	95.4	86	52.8	48	700	147	70	200	8	3300
KHV _c 400-2	500	670	2982	95.6	87	57.8	52.6	700	163	70	200	9	3450
KHV _c 400-2	560	750	2982	95.7	87	64.7	58.8	700	183	70	200	10.5	3600
KHV _c 450-2	630	845	2982	95.8	87	72.7	66.1	700	206	70	200	14	3900
KHV _c 450-2	710	950	2982	95.9	87	81.9	74.4	700	232	70	200	15	4000
KHV _c 450-2	800	1070	2982	96.1	88	91	82.8	700	261	70	200	16	4200
KHV _c 450-2	900	1205	2982	96.2	88	102.3	93	700	294	70	200	17	4450
KHV _c 500-2	1000	1340	2982	96.3	88	113.6	103.2	700	327	70	200	25	6400
KHV _c 500-2	1120	1500	2982	96.4	88	127.0	115.5	700	366	70	200	27	6550
KHV _c 500-2	1250	1675	2982	96.5	88	141.6	128.8	700	408	70	200	30	6750
KHV _c 500-2	1400	1875	2982	96.6	88	158.5	144.1	700	458	70	200	34	7050

10Kv-11kV

50Hz / IC411

2 Poles-3000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx WT.
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	% FLC	Kg-m	%FLT	%FLT	Kg-m ²	Kg
KHV _c 400-2	220	295	2980	94.2	84	16.1	14.6	700	72	70	200	6	2900
KHV _c 400-2	250	335	2980	94.4	84	18.2	16.5	700	82	70	200	7	3000
KHV _c 400-2	280	375	2980	94.6	85	20.1	18.3	700	92	70	200	8	3100
KHV _c 400-2	315	420	2980	94.8	85	22.6	20.5	700	103	70	200	9	3200
KHV _c 400-2	355	475	2982	95	86	25.1	22.8	700	116	70	200	10	3300
KHV _c 400-2	400	535	2982	95.2	86	28.2	25.6	700	131	70	200	11	3400
KHV _c 450-2	450	605	2982	95.4	86	31.7	28.8	700	147	70	200	14	3900
KHV _c 450-2	500	670	2982	95.5	86	35.1	32	700	163	70	200	15	4000
KHV _c 450-2	560	750	2985	95.6	87	38.9	35.3	700	183	70	200	16.5	4200
KHV _c 450-2	630	845	2985	95.6	87	43.7	39.8	700	206	70	200	19	4400
KHV _c 450-2	710	950	2985	95.7	87	49.2	44.8	700	232	70	200	20.5	4650
KHV _c 500-2	800	1070	2985	95.8	88	54.8	49.8	700	261	70	200	23	6450
KHV _c 500-2	900	1210	2985	95.9	88	61.6	56	700	294	70	200	25	6600
KHV _c 500-2	1000	1340	2985	95.9	88	68.4	62.2	700	326	70	200	28	6800
KHV _c 500-2	1120	1500	2985	96	88	76.5	69.6	700	366	70	200	31	7000



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Datasheet
Medium voltage motor

6Kv(6.6kV)
50Hz / IC411
4Poles-1500 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx WT.
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	% FLC	Kg-m	%FLT	%FLT	Kg-m ²	Kg
KHV _c 315-4	185	250	1485	94.3	84	22.5	20.4	650	121	80	200	5.5	1900
KHV _c 315-4	200	270	1485	94.3	84.0	24.3	22.1	650	131	80	200	6.5	2000
KHV _c 315-4	220	295	1485	94.5	84	26.7	24.2	650	144	80	200	7.2	2100
KHV _c 355-4	250	335	1485	94.6	84	30.3	27.5	650	164	80	200	10	2250
KHV _c 355-4	280	375	1485	94.7	84	33.9	30.8	650	184	80	200	11	2350
KHV _c 355-4	315	420	1485	94.9	85	37.6	34.2	650	207	80	200	12	2400
KHV _c 355-4	355	475	1485	95	85	42.3	38.5	650	233	80	200	13	2580
KHV _c 400-4	400	535	1485	95.1	85	47.6	43.3	650	262	80	200	14	3200
KHV _c 400-4	450	605	1485	95.3	85	53.5	48.6	650	295	80	200	15	3300
KHV _c 400-4	500	670	1485	95.4	86	58.6	53.3	650	328	80	200	17	3450
KHV _c 400-4	560	750	1485	95.6	86	65.5	59.6	650	367	80	200	19	3600
KHV _c 450-4	630	845	1485	95.8	86	73.6	66.9	650	413	80	200	28	4000
KHV _c 450-4	710	950	1485	96	86	82.8	75.2	650	466	80	200	30	4150
KHV _c 450-4	800	1070	1488	96	86	93.2	84.8	650	524	80	200	33	4350
KHV _c 450-4	900	1210	1488	96.1	86	104.8	95.3	650	589	80	200	36	4600
KHV _c 500-4	1000	1340	1488	96.2	86	116.3	105.7	650	655	80	200	51	6400
KHV _c 500-4	1120	1500	1488	96.3	86	130.1	118.3	650	733	80	200	55	6650
KHV _c 500-4	1250	1680	1488	96.4	87	143.4	130.4	650	819	70	200	61	6900
KHV _c 500-4	1400	1880	1488	96.4	87	160.6	146	650	917	70	200	66	7200
KHV _c 560-4	1600	2140	1488	96.5	87	183.4	166.7	650	1048	70	200	78	8750
KHV _c 560-4	1800	2410	1488	96.5	87	206.1	187.4	650	1179	70	200	82	8950

10kV-11kV
50Hz / IC411 / 4Poles-1500 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx. WT.
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	% FLC	Kg-m	%FLT	%FLT	Kg-m ²	Kg
KHV _c 400-4	220	295	1482	94	84	16.1	14.6	650	145	80	200	12	3000
KHV _c 400-4	250	335	1482	94.1	84	18.3	16.6	650	164	80	200	13	3100
KHV _c 400-4	280	375	1482	94.2	84	20.4	18.6	650	184	80	200	14	3200
KHV _c 400-4	315	420	1482	94.4	84	22.9	20.9	650	207	80	200	15	3300
KHV _c 400-4	355	475	1485	94.6	85	25.5	23.2	650	233	80	200	16	3400
KHV _c 400-4	400	535	1485	94.7	85	28.7	26.1	650	262	80	200	17	3500
KHV _c 450-4	450	605	1485	95.1	85	32.1	29.2	650	295	80	200	26	3800
KHV _c 450-4	500	670	1485	95.1	86	35.3	32.1	650	328	80	200	28	3950
KHV _c 450-4	560	750	1485	95.3	86	39.5	35.9	650	367	80	200	31	4150
KHV _c 450-4	630	845	1488	95.5	86	44.3	40.3	650	413	80	200	33	4350
KHV _c 450-4	710	950	1488	96	86	49.7	45.1	650	465	80	200	36	4600
KHV _c 500-4	800	1070	1488	96	87	55.3	50.3	650	524	80	200	50	6300
KHV _c 500-4	900	1210	1488	96.1	87	62.2	56.5	650	589	80	200	54	6550
KHV _c 500-4	1000	1340	1488	96.2	86	69.8	63.4	650	655	70	200	60	6800
KHV _c 500-4	1120	1500	1488	96.3	86	78.1	71	650	733	70	200	65	7100
KHV _c 560-4	1250	1680	1488	96.4	87	86.1	78.2	650	819	70	200	76	8700
KHV _c 560-4	1400	1880	1488	96.5	87	96.3	87.5	650	917	70	200	80	8900



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Medium voltage motor

6Kv(6.6kV)

50Hz / IC411

6Poles-1000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx. WT.
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	% FLC	Kg-m	%FLT	%FLT	Kg-m ²	Kg
KHV _c 355-6	160	215	985	93.6	80	20.6	18.7	600	158	80	200	9.5	2250
KHV _c 355-6	185	250	985	93.8	80	23.7	21.6	600	183	80	200	10	2350
KHV _c 355-6	200	270	985	94	80	25.6	23.3	600	198	80	200	11	2450
KHV _c 355-6	220	295	988	94.3	82	27.4	24.9	600	217	80	200	12.5	2550
KHV _c 355-6	250	335	988	94.5	82	31	28.2	600	247	80	200	14	2700
KHV _c 400-6	280	375	988	94.7	82	34.7	31.5	600	276	80	200	20	3200
KHV _c 400-6	315	420	988	94.9	82	39	35.4	600	311	80	200	22	3300
KHV _c 400-6	355	475	988	95.1	83	43.3	39.3	600	350	80	200	24	3450
KHV _c 400-6	400	535	988	95.1	83	48.8	44.3	600	395	80	200	26	3600
KHV _c 450-6	450	605	988	95.4	83	54.7	49.7	600	444	80	200	36	3900
KHV _c 450-6	500	670	988	95.6	83	60.6	55.1	600	493	80	200	38	4100
KHV _c 450-6	560	750	990	95.7	83	67.8	61.7	600	551	80	200	41	4300
KHV _c 450-6	630	845	990	95.8	83	76.2	69.3	600	620	80	200	44	4500
KHV _c 500-6	710	950	990	96	83	85.7	78	600	699	80	200	66	6300
KHV _c 500-6	800	1070	990	96	83	96.6	87.8	600	787	80	200	70	6500
KHV _c 500-6	900	1210	990	96.1	84	107.3	97.5	600	886	70	200	75	6800
KHV _c 500-6	1000	1340	990	96.2	84	119.1	108.3	600	984	70	200	80	7100
KHV _c 560-6	1120	1500	990	96.3	84	133.2	121.1	600	1102	70	200	110	8200
KHV _c 560-6	1250	1680	990	96.4	84	148.5	135	600	1230	70	200	118	8500
KHV _c 560-6	1400	1880	990	96.4	84	166.4	151.2	600	1378	70	200	110	8850

10Kv-11kV

50Hz / IC411

6Poles-1000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx. WT.
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	% FLC	Kg-m	%FLT	%FLT	Kg-m ²	Kg
KHV _c 400-6	220	295	985	93.6	82	16.5	15	600	218	80	200	19	3300
KHV _c 400-6	250	335	985	93.8	82	18.8	17.1	600	247	80	200	21	3450
KHV _c 450-6	280	375	985	94	82	21	19.1	600	277	80	200	32	3700
KHV _c 450-6	315	420	985	94.2	82	23.5	21.4	600	312	80	200	34	3820
KHV _c 450-6	355	475	985	94.4	82	26.5	24.1	600	351	80	200	36	4000
KHV _c 450-6	400	535	985	94.6	83	29.4	26.7	600	396	80	200	38	4200
KHV _c 450-6	450	605	988	94.7	83	33.1	30	600	444	80	200	41	4450
KHV _c 500-6	500	670	988	95.1	83	36.6	33.2	600	493	80	200	60	6000
KHV _c 500-6	560	750	990	95.2	83	40.9	37.2	600	551	80	200	64	6200
KHV _c 500-6	630	845	990	95.5	83	45.9	41.7	600	620	80	200	68	6400
KHV _c 500-6	710	950	992	95.6	83	51.7	47	600	697	70	200	73	6700
KHV _c 500-6	800	1070	992	95.7	83	58.2	52.9	600	786	70	200	78	7000
KHV _c 560-6	900	1210	992	95.9	84	64.5	58.6	600	884	70	200	102	8000
KHV _c 560-6	1000	1340	992	96	84	71.6	65.1	600	982	70	200	108	8200
KHV _c 560-6	1120	1500	992	96.2	84	80	72.7	600	1100	70	200	116	8500
KHV _c 560-6	1250	1680	992	96	84	89.5	81.4	600	1228	70	200	124	8800



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Datasheet

Medium voltage motor

6Kv(6.6kV)

50Hz / IC411

8Poles-750 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx. WT.
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	% FLC	Kg-m	%FLT	%FLT	Kg-m ²	Kg
KHV _c 355-8	160	215	738	93.4	76	21.7	19.7	550	211	80	200	10	2350
KHV _c 355-8	185	250	738	93.5	76	25.1	22.8	550	244	80	200	11.5	2500
KHV _c 400-8	200	270	738	93.7	77	26.7	24.2	550	264	80	200	20	3200
KHV _c 400-8	220	295	738	93.9	77	29.3	26.6	550	290	80	200	22	3300
KHV _c 400-8	250	335	740	94.1	78	32.8	29.8	550	329	80	200	24	3500
KHV _c 400-8	280	375	740	94.3	78	36.6	33.3	550	369	80	200	26	3600
KHV _c 450-8	315	420	740	94.5	78	41.1	37.4	550	415	80	200	36	3900
KHV _c 450-8	355	475	740	94.7	78	46.2	42	550	467	80	200	38	4100
KHV _c 450-8	400	535	742	94.9	79	51.3	46.7	550	525	80	200	41	4300
KHV _c 450-8	450	605	742	95	79	57.7	52.5	550	591	80	200	44	4500
KHV _c 500-8	500	670	742	95.4	80	63	57.3	550	657	80	200	65	6200
KHV _c 500-8	560	750	742	95.5	80	70.5	64.1	550	735	80	200	69	6400
KHV _c 500-8	630	845	745	95.6	81	78.3	71.2	550	824	70	200	74	6700
KHV _c 500-8	710	950	745	95.6	81	88.2	80.2	550	929	70	200	79	7000
KHV _c 560-8	800	1070	745	95.7	81	99.3	90.3	550	1046	70	200	110	8100
KHV _c 560-8	900	1210	745	95.8	81	111.6	101.5	550	1177	70	200	116	8400
KHV _c 560-8	1000	1340	745	95.8	81	124	112.7	550	1308	70	200	122	8700

10Kv-11kV

50Hz / IC411

8Poles-750 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx. WT.
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	% FLC	Kg-m	%FLT	%FLT	Kg-m ²	Kg
KHV _c 400-8	220	295	740	93.6	78	17.4	15.8	550	290	80	200	19	3300
KHV _c 400-8	250	335	740	93.8	78	19.7	17.9	550	329	80	200	21	3450
KHV _c 450-8	220	295	740	93.6	78	17.4	15.8	550	290	80	200	31	3650
KHV _c 450-8	250	335	740	93.8	78	19.7	17.9	550	329	80	200	33	3750
KHV _c 450-8	280	375	740	94	78	22	20	550	369	80	200	34	3900
KHV _c 450-8	315	420	742	94.2	78	24.8	22.5	550	414	80	200	38	4100
KHV _c 450-8	355	475	742	94.4	78	27.8	25.3	550	466	80	200	41	4300
KHV _c 500-8	400	535	742	94.5	79	30.9	28.1	550	525	80	200	63	6100
KHV _c 500-8	450	605	742	94.6	79	34.8	31.6	550	591	80	200	67	6300
KHV _c 500-8	500	670	745	95	80	38	34.5	550	654	70	200	72	6600
KHV _c 500-8	560	750	745	95.1	80	42.5	38.6	550	733	70	200	77	6900
KHV _c 560-8	630	845	745	95.5	81	47	42.7	550	824	70	200	103	7750
KHV _c 560-8	710	950	745	95.6	81	52.9	48.1	550	929	70	200	108	8000
KHV _c 560-8	800	1070	745	95.7	81	59.6	54.2	550	1046	70	200	114	8300
KHV _c 560-8	900	1210	745	95.6	81	67.1	61	550	1177	70	200	120	8600



VALIADIS S.A.

Hellenic Motors

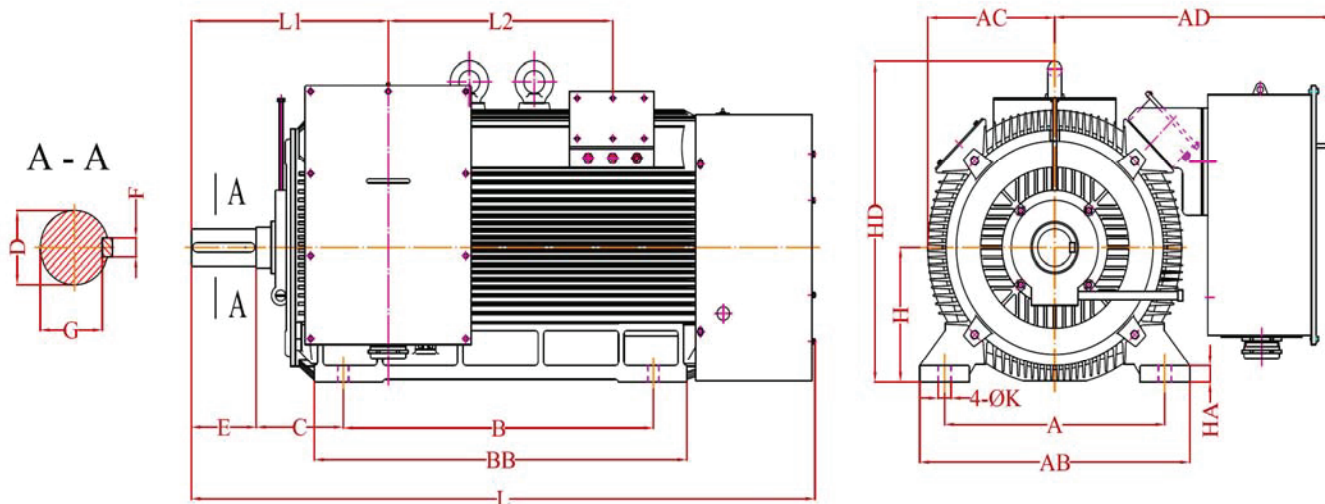
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KHV_C-Series

Dimension Sheet

Medium voltage motor



Mounting B3

Frame	poles	MOUNTING													
		A	B	C	D		E	F		G		H		K	
KHV _C 315	2	560±1.4	800±1.4	216±4	65	+0.030 +0.011	140±0.5	18	0 -0.043	58	0 -0.2	315	0 -1	28	+0.52 0
KHV _C 315	4	560±1.4	800±1.4	216±4	80	+0.030 +0.011	170±0.5	22	0 -0.052	71	0 -0.2	315	0 -1	28	+0.52 0
KHV _C 355	2	630±1.4	900±1.4	254±4	75	+0.030 +0.011	140±0.5	20	0 -0.052	67.5	0 -0.2	355	0 -1	28	+0.52 0
KHV _C 355	4~6	630±1.4	900±1.4	254±4	100	+0.035 +0.013	210±0.57	28	0 -0.052	90	0 -0.2	355	0 -1	28	+0.52 0
KHV _C 400	2	710±1.4	1000±1.4	280±4	85	+0.035 +0.013	170±0.5	22	0 -0.052	76	0 -0.2	400	0 -1	35	+0.62 0
KHV _C 400	4~8	710±1.75	1000±1.75	280±4	110	+0.035 +0.013	210±0.57	28	0 -0.052	100	0 -0.2	400	0 -1	35	+0.62 0
KHV _C 450	2	800±1.75	1120±1.75	280±4	95	+0.035 +0.013	170±0.5	25	0 -0.052	86	0 -0.2	450	0 -1	35	+0.62 0
KHV _C 450	4	800±1.75	1120±1.75	280±4	120	+0.035 +0.013	210±0.57	32	0 -0.062	109	0 -0.2	450	0 -1	35	+0.62 0
KHV _C 450	6~8	800±1.75	1120±1.75	280±4	130	+0.04 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	450	0 -1	35	+0.62 0
KHV _C 500	2	900±1.75	1250±1.75	315±4	110	+0.035 +0.013	210±0.57	28	0 -0.052	100	0 -0.2	500	0 -1	42	+0.62 0
KHV _C 500	4	900±2.1	1250±2.1	315±4	130	+0.04 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	500	0 -1	42	+0.62 0
KHV _C 500	6~8	900±2.1	1250±2.1	315±4	140	+0.04 +0.015	250±0.57	36	0 -0.062	128	0 -0.3	500	0 -1	42	+0.62 0
KHV _C 560	4	1000±2.1	1400±2.1	355±4	150	+0.04 +0.015	250±0.57	36	0 -0.062	138	0 -0.3	560	0 -1	42	+0.62 0
KHV _C 560	6~8	1000±2.1	1400±2.1	355±4	160	+0.04 +0.015	300±0.65	40	0 -0.062	147	0 -0.3	560	0 -1	42	+0.62 0



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OUTLINE DIMENSIONS FOR INSTALLATION

FRAME	POLES	OUTLINE								
		AC	AD	AB	BB	HA	HD	L1	L2	L
KHV _C 315	2	350	760	680	1080	45	785	482	797	1740
KHV _C 315	4	350	760	680	1080	45	785	512	797	1770
KHV _C 355	2	400	785	760	1140	50	995	491	841	1800
KHV _C 355	4~6	400	785	760	1140	50	995	561	841	1870
KHV _C 400	2	445	920	870	1200	50	980	662	700	2000
KHV _C 400	4~8	445	920	870	1200	50	980	702	700	2040
KHV _C 450	2	500	950	980	1495	50	1140	670	921	2360
KHV _C 450	4	500	950	980	1495	50	1140	710	921	2400
KHV _C 450	6~8	500	950	980	1495	50	1140	750	921	2440
KHV _C 500	2	550	1010	1080	1600	65	1220	746	980	2490
KHV _C 500	4~8	550	1010	1080	1600	65	1220	786	980	2530
KHV _C 560	4	610	1030	1170	1680	76	1480	812	970	2650
KHV _C 560	6~8	610	1030	1170	1680	76	1480	862	970	2700

TMKHV_C-SERIES



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TMKHVc-series

Datasheet

Medium Voltage motor , Protection degree IP55

6kV
 50 Hz /IC611
 2-Poles-3000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc3551-2	220	295	2975	92,5	85	26,9	24,5	700	72	60	180	3,5	2040
TMKHVc3552-2	250	335	2975	92,6	85	30,6	27,8	700	82	60	180	3,8	2120
TMKHVc3553-2	280	375	2975	92,8	85	34,2	31,1	700	92	60	180	4,0	2290
TMKHVc3554-2	315	420	2975	93,1	85	38,3	34,8	700	103	60	180	4,3	2470
TMKHVc4002-2	355	475	2980	93,4	86	42,5	38,7	700	116	60	180	5,2	2590
TMKHVc4003-2	400	535	2980	93,7	86	47,8	43,4	700	131	60	180	5,5	2740
TMKHVc4004-2	450	605	2980	94,0	86	53,6	48,7	700	147	60	180	5,8	3000
TMKHVc4005-2	500	670	2980	94,2	86	59,4	54,0	700	164	60	180	6,2	3230
TMKHVc4502-2	560	750	2980	94,4	86	66,4	60,3	700	183	60	180	9,0	3640
TMKHVc4503-2	630	845	2980	94,6	87	73,7	67,0	700	206	60	180	11,0	3730
TMKHVc4504-2	710	950	2980	94,7	87	82,9	75,4	700	232	60	180	13,0	3860
TMKHVc4505-2	800	1070	2980	94,8	87	93,3	84,9	700	262	60	180	15,0	3990
TMKHVc5001-2	900	1210	2980	95,0	87	104,8	95,3	700	294	60	180	17,0	4570
TMKHVc5002-2	1000	1340	2980	95,1	87	116,3	105,7	700	327	60	180	19,0	4760
TMKHVc5003-2	1120	1500	2980	95,2	87	130,1	118,3	700	366	60	180	21,0	4990
TMKHVc5004-2	1250	1680	2980	95,3	87	145,1	131,9	700	409	60	180	23,0	5130
TMKHVc5601-2	1400	1880	2980	95,4	88	160,5	145,9	700	458	60	180	39,0	8540
TMKHVc5602-2	1600	2140	2980	95,5	88	183,2	166,5	700	523	60	180	44,0	8860
TMKHVc5603-2	1800	2410	2980	95,6	88	205,9	187,2	700	589	60	180	51,0	9060
TMKHVc6301-2	2000	2680	2982	95,7	88	228,5	207,8	700	654	60	180	70,0	8860
TMKHVc6302-2	2240	3000	2982	95,8	88	255,7	232,4	700	732	60	180	78,0	9060
TMKHVc6303-2	2500	3350	2982	95,9	88	285,1	259,1	700	817	60	180	85,0	9060



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Medium Voltage motor , Protection degree IP55

10kV-11kV
 50 Hz /IC611
 2-Poles-3000 Rpm

Motor Type	Rated power		Rated speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)				RPM	%	%	A	A	%FLC	kg-m	%FLT
TMKHVc4001-2	200	270	2975	92,1	85	14,8	13,4	750	66	60	180	4,8	2910
TMKHVc4002-2	220	295	2975	92,4	85	16,2	14,7	750	72	60	180	5,1	2910
TMKHVc4003-2	250	335	2975	92,5	85	18,4	16,7	750	82	60	180	5,5	2995
TMKHVc4501-2	280	375	2975	92,7	87	20,0	18,2	700	92	60	180	10,6	3420
TMKHVc4502-2	315	420	2975	92,9	87	22,5	20,5	700	103	60	180	11,0	3500
TMKHVc4503-2	355	475	2980	93,0	87	25,3	23,0	700	116	60	180	11,3	35765
TMKHVc4504-2	400	535	2980	93,1	87	28,5	25,9	700	131	60	180	11,8	3670
TMKHVc4505-2	450	605	2980	93,2	87	32,0	29,1	700	147	60	180	12,0	3760
TMKHVc4506-2	500	670	2980	93,4	87	35,5	32,3	700	164	60	180	12,6	3850
TMKHVc5001-2	560	750	2980	93,6	88	39,3	35,7	700	183	60	180	20,0	4790
TMKHVc5002-2	630	845	2980	93,7	88	44,1	40,1	700	206	60	180	21,0	4880
TMKHVc5003-2	710	950	2980	93,8	88	49,7	45,1	700	232	60	180	22,0	4990
TMKHVc5004-2	800	1070	2980	93,9	88	55,9	50,8	700	262	60	180	23,0	5120
TMKHVc5005-2	900	1210	2980	94,0	88	62,8	57,1	700	294	60	180	24,0	5280
TMKHVc5601-2	1000	1340	2980	95,4	89	68,0	61,8	700	327	60	180	39,0	8540
TMKHVc5602-2	1120	1500	2980	95,5	89	76,1	69,2	700	366	60	180	44,0	8860
TMKHVc5603-2	1250	1680	2980	95,6	89	84,8	77,1	700	409	60	180	51,0	9060
TMKHVc6301-2	1400	1880	2982	95,7	89	94,9	86,3	700	458	60	180	65,0	8860
TMKHVc6302-2	1600	2140	2982	95,8	89	108,3	98,5	700	523	60	180	70,0	9060
TMKHVc6303-2	1800	2410	2982	95,9	88	123,1	112,0	700	588	60	180	78,0	9560
TMKHVc6304-2	2000	2680	2982	95,9	89	135,3	123,0	700	654	60	180	85,0	10060



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Datasheet

Medium Voltage motor , Protection degree IP55

6kV
 50 Hz /IC611
 4-Poles-1500 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx. WT
						Full Load 6kV	Full Loa 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc3551-4	185	250	1485	92,8	85	22,6	20,5	650	121	70	180	4,7	2150
TMKHVc3552-4	200	270	1480	92,9	85	24,4	22,2	650	132	70	180	4,8	2150
TMKHVc3553-4	220	295	1480	93,0	85	26,8	24,3	650	145	70	180	5,0	2210
TMKHVc3554-4	250	335	1480	93,1	85	30,4	27,6	650	165	70	180	5,7	2310
TMKHVc4002-4	280	375	1485	93,2	86	33,6	30,6	650	184	70	180	12,0	2630
TMKHVc4003-4	315	420	1485	93,3	86	37,8	34,3	650	207	70	180	12,0	2760
TMKHVc4004-4	355	475	1485	93,5	86	42,5	38,6	650	233	70	180	13,0	2910
TMKHVc4005-4	400	535	1485	93,7	86	47,8	43,4	650	262	70	180	14,0	2970
TMKHVc4006-4	450	605	1485	93,9	86	53,6	48,7	650	295	70	180	16,0	3130
TMKHVc4502-4	500	670	1485	94,0	86	59,5	54,1	650	328	70	180	16,0	3710
TMKHVc4503-4	560	750	1485	94,2	86	66,5	60,5	650	367	70	180	17,0	3800
TMKHVc4504-4	630	845	1485	94,4	86	74,7	67,9	650	413	70	180	19,0	3890
TMKHVc4505-4	710	950	1485	94,6	86	84,0	76,3	650	466	70	180	20,0	4030
TMKHVc5001-4	800	1070	1485	94,8	87	93,3	84,9	650	525	70	180	29,0	4990
TMKHVc5002-4	900	1210	1485	94,9	87	104,9	95,4	650	591	70	180	32,0	5130
TMKHVc5003-4	1000	1340	1485	95,0	87	116,4	105,8	650	656	70	180	34,0	5350
TMKHVc5004-4	1120	1500	1485	95,1	87	130,3	118,4	650	735	70	180	37,0	5590
TMKHVc5601-4	1250	1680	1485	95,2	88	143,6	130,5	650	820	60	180	55,0	8540
TMKHVc5602-4	1400	1880	1485	95,3	88	160,6	146,0	650	919	60	180	60,0	8790
TMKHVc5603-4	1600	2140	1485	95,4	88	183,4	166,7	650	1050	60	180	65,0	9130
TMKHVc6301-4	1800	2410	1485	95,5	88	206,1	187,4	650	1181	60	180	126,0	9150
TMKHVc6302-4	2000	2680	1485	95,6	88	228,8	208,0	650	1312	60	180	140,0	9420
TMKHVc6303-4	2240	3000	1485	95,7	88	255,9	232,7	650	1470	60	180	156,0	9660



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Datasheet

Medium Voltage motor , Protection degree IP55

10kV-11kV
 50 Hz /IC611
 4-Poles-1500 Rpm

Motor Type	Rated power		Rated speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc4001-4	200	270	1485	92,5	83	15,0	13,7	700	131	70	180	8,5	2880
TMKHVc4002-4	220	295	1485	92,7	83	16,5	15,0	700	144	70	180	8,8	2950
TMKHVc4003-4	250	335	1485	92,8	83	18,7	17,0	700	164	70	180	9,2	3035
TMKHVc4501-4	280	375	1485	93,0	86	20,2	18,4	700	184	70	180	13,6	3320
TMKHVc4502-4	315	420	1485	93,1	86	22,7	20,7	700	207	70	180	14,5	3435
TMKHVc4503-4	355	475	1485	93,2	86	25,6	23,2	700	233	70	180	15,0	3495
TMKHVc4504-4	400	535	1485	93,3	86	28,8	26,2	700	262	70	180	16,0	3615
TMKHVc4505-4	450	605	1485	93,5	86	32,3	29,4	700	295	70	180	17,0	3660
TMKHVc4506-4	500	670	1485	93,6	86	35,9	32,6	700	328	70	180	18,1	3740
TMKHVc5001-4	560	750	1485	93,7	87	39,7	36,1	700	367	70	180	28,0	4840
TMKHVc5002-4	630	845	1485	93,9	87	44,5	40,5	700	413	70	180	28,6	5180
TMKHVc5003-4	710	950	1485	94,2	87	50,0	45,5	700	466	70	180	30,0	5430
TMKHVc5004-4	800	1070	1485	94,4	87	56,2	51,1	700	525	70	180	31,2	5690
TMKHVc5005-4	900	1210	1485	94,5	87	63,2	57,5	700	591	70	180	32,5	5940
TMKHVc5601-4	1000	1340	1490	94,6	89	68,6	62,3	650	654	70	180	40,0	8310
TMKHVc5602-4	1120	1500	1490	94,7	89	76,7	69,7	650	733	70	180	46,0	8610
TMKHVc5603-4	1250	1680	1490	94,8	89	85,5	77,8	650	818	70	180	54,0	9010
TMKHVc5604-4	1400	1880	1490	95,0	89	95,6	86,9	650	916	70	180	59,0	9510
TMKHVc6301-4	1400	1880	1490	95,0	88	96,7	87,9	650	916	60	180	87,0	8110
TMKHVc6302-4	1600	2140	1492	95,1	88	110,4	100,3	650	1045	60	180	91,0	8770
TMKHVc6303-4	1800	2410	1492	95,2	88	124,1	112,8	650	1176	60	180	95,0	8990
TMKHVc6304-4	2000	2680	1492	95,3	88	137,7	125,2	650	1306	60	180	99,0	9810



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Datasheet

Medium Voltage motor , Protection degree IP55

6kV
 50 Hz /IC611
 6-Poles-1000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	current			Torque			Moment of Inertia (J)	Approx. WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	HP	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc355A-6	185	250	985	92,4	82	23,5	21,4	600	183	70	180	9,3	2240
TMKHVc355B-6	200	270	985	92,6	82	25,3	23,0	600	198	70	180	9,5	2280
TMKHVc4001-6	185	250	990	92,4	82	23,5	21,4	600	182	70	180	13,0	3150
TMKHVc4002-6	200	270	990	92,6	82	25,3	23,0	600	197	70	180	14,0	3150
TMKHVc4003-6	220	295	990	92,8	82	27,8	25,3	600	217	70	180	15,0	3360
TMKHVc4004-6	250	335	990	93,0	82	31,5	28,7	600	246	70	180	16,0	3360
TMKHVc4005-6	280	375	990	93,3	82	35,2	32,0	600	276	70	180	16,0	3510
TMKHVc4006-6	315	420	990	93,5	82	39,5	35,9	600	310	70	180	17,0	3640
TMKHVc4502-6	355	475	985	93,7	83	43,9	39,9	600	351	70	180	24,0	3910
TMKHVc4503-6	400	535	985	93,8	83	49,4	44,9	600	396	70	180	25,0	4210
TMKHVc4504-6	450	605	985	94,1	83	55,4	50,4	600	445	70	180	26,0	4310
TMKHVc4505-6	500	670	985	94,3	83	61,5	55,9	600	495	70	180	28,0	4540
TMKHVc5001-6	560	750	990	94,4	84	68,0	61,8	600	551	70	180	42,0	4390
TMKHVc5002-6	630	845	990	94,5	84	76,4	69,4	600	620	70	180	45,0	4530
TMKHVc5003-6	710	950	990	94,8	84	85,8	78,0	600	699	70	180	47,0	4690
TMKHVc5004-6	800	1070	990	94,9	84	96,6	87,8	600	787	70	180	50,0	4880
TMKHVc5601-6	900	1210	990	95,0	85	107,3	97,5	650	886	70	180	74,0	8800
TMKHVc5602-6	1000	1340	990	95,1	85	119,0	108,2	650	984	70	180	79,0	9030
TMKHVc5603-6	1120	1500	990	95,2	85	133,2	121,1	650	1102	70	180	85,0	9320



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TMKHVc-series

Datasheet

Medium Voltage motor , Protection degree IP55

10kV-11kV
 50 Hz /IC611
 6-Poles-1000 Rpm

Motor Type	Rated power		Rated speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc4503-6	250	335	980	92,0	82	19,1	17,4	600	249	70	180	22,0	4860
TMKHVc4504-6	280	375	980	92,2	82	21,4	19,4	600	278	70	180	22,7	4990
TMKHVc4505-6	315	420	980	92,4	82	24,0	21,8	600	313	70	180	24,3	5140
TMKHVc4506-6	355	475	980	92,7	82	27,0	24,5	600	353	70	180	25,1	5300
TMKHVc5001-6	400	535	995	92,9	84	29,6	26,9	650	392	70	180	40,0	4870
TMKHVc5002-6	450	605	995	93,1	84	33,2	30,2	650	441	70	180	43,0	5010
TMKHVc5003-6	500	670	995	93,5	84	36,8	33,4	650	490	70	180	46,0	5160
TMKHVc5004-6	560	750	995	93,7	84	41,1	37,3	650	548	70	180	49,0	5350
TMKHVc5005-6	630	845	995	94,0	84	46,1	41,9	650	617	70	180	51,0	5540
TMKHVc5601-6	710	950	995	94,2	85	51,2	46,5	600	695	70	180	70,0	7860
TMKHVc5602-6	800	1070	995	94,3	85	57,6	52,4	600	784	70	180	73,0	8260
TMKHVc5603-6	900	1210	995	94,5	85	64,7	58,8	600	881	70	180	75,0	8780
TMKHVc5604-6	1000	1340	995	94,7	85	71,7	65,2	600	979	70	180	78,0	9330
TMKHVc6301-6	1120	1500	995	94,9	86	79,2	72,0	600	1097	60	180	127,0	9270
TMKHVc6302-6	1250	1680	995	95,0	86	88,3	80,3	600	1224	60	180	139,0	9860
TMKHVc6303-6	1400	1880	995	95,3	86	98,6	89,7	600	1371	60	180	149,0	10270
TMKHVc6304-6	1600	2140	995	95,4	86	112,6	102,4	600	1567	60	180	157,0	10760



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TMKHVc-series

Datasheet

Medium Voltage motor , Protection degree IP55

6kV
 50 Hz /IC611
 8-Poles-750 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx. WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc4003-8	185	250	740	92,5	78	24,7	22,4	550	244	80	180	20,0	3230
TMKHVc4004-8	200	270	740	92,7	78	26,6	24,2	550	263	80	180	20,0	3350
TMKHVc4005-8	220	295	740	92,9	78	29,2	26,6	550	290	80	180	21,0	3490
TMKHVc4502-8	250	335	740	93,0	79	32,7	29,8	550	329	80	180	25,0	3900
TMKHVc4503-8	280	375	740	93,2	79	36,6	33,3	550	369	80	180	27,0	4110
TMKHVc4504-8	315	420	740	93,4	79	41,1	37,3	550	415	80	180	29,0	4350
TMKHVc4505-8	355	475	740	93,5	79	46,2	42,0	550	467	80	180	31,0	4610
TMKHVc5001-8	400	535	740	93,7	80	51,3	46,7	550	527	80	180	46,0	4480
TMKHVc5002-8	450	605	740	93,8	80	57,7	52,5	550	593	80	180	50,0	4570
TMKHVc5003-8	500	670	740	94,2	80	63,8	58,0	550	658	80	180	53,0	4740
TMKHVc5004-8	560	750	740	94,4	80	71,4	64,9	550	737	80	180	57,0	4930
TMKHVc5601-8	630	845	740	94,5	82	78,2	71,1	600	830	70	180	88,0	8480
TMKHVc5602-8	710	950	740	94,6	82	88,1	80,1	600	935	70	180	94,0	8620
TMKHVc5603-8	800	1070	740	94,7	82	99,1	90,1	600	1054	70	180	100,0	8960
TMKHVc6301-8	900	1210	740	94,8	84	108,8	98,9	600	1185	70	180	152,0	8810
TMKHVc6302-8	1000	1340	740	94,9	84	120,7	109,7	600	1317	70	180	163,0	9140
TMKHVc6303-8	1120	1500	740	95,0	84	135,1	122,8	600	1475	70	180	175,0	9410
TMKHVc6304-8	1250	1680	740	95,1	84	150,6	136,9	600	1646	70	180	188,0	9910



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TMKHVc-series

Datasheet

Medium Voltage motor , Protection degree IP55

10kV-11kV
 50 Hz /IC611
 8-Poles-750 Rpm

Motor Type	Rated power		Rated speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc4501-8	200	270	745	91,7	75	16,8	15,3	550	262	70	180	31,0	4810
TMKHVc4502-8	220	295	745	91,8	75	18,4	16,8	550	288	70	180	32,0	4960
TMKHVc5001-8	250	335	745	92,0	77	20,4	18,5	600	327	70	180	39,0	5045
TMKHVc5002-8	280	375	745	92,2	77	22,8	20,7	600	366	70	180	41,0	5100
TMKHVc5003-8	315	420	745	92,4	78	25,2	22,9	600	412	70	180	43,0	5250
TMKHVc5004-8	355	475	745	92,6	78	28,4	25,8	600	464	70	180	45,0	5420
TMKHVc5005-8	400	535	745	92,8	79	31,5	28,6	600	523	70	180	47,0	5210
TMKHVc5006-8	450	605	745	93,0	79	35,4	32,1	600	589	70	180	50,0	5230
TMKHVc5007-8	500	670	745	93,3	79	39,2	35,6	600	654	70	180	52,0	5320
TMKHVc5601-8	500	670	745	93,4	80	38,6	35,1	600	654	70	180	81,0	7360
TMKHVc5602-8	560	750	745	93,6	80	43,2	39,3	600	733	70	180	83,0	7720
TMKHVc5603-8	630	845	745	93,8	80	48,5	44,1	600	824	70	180	88,0	8190
TMKHVc5604-8	710	950	745	94,0	80	54,5	49,6	600	929	70	180	93,5	8640
TMKHVc630A-8	710	950	742	94,2	83	52,4	47,7	600	932	70	180	135,0	8160
TMKHVc6301-8	800	1070	742	94,3	83	59,0	53,6	600	1051	70	180	142,0	8510
TMKHVc6302-8	900	1210	742	94,5	83	66,2	60,2	600	1182	70	180	150,0	8910
TMKHVc6303-8	1000	1340	742	94,6	83	73,5	66,8	600	1313	70	180	158,0	9110
TMKHVc6304-8	1120	1500	742	94,7	83	82,3	74,8	600	1471	70	180	168,0	9510



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TMKHVc-series

Datasheet

Medium Voltage motor , Protection degree IP55

6kV
 50 Hz /IC611
 10-Poles-600 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of Inertia (J)	Approx. WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc4501-10	185	250	585	91,7	75	25,9	23,5	550	308	80	180	25,0	3860
TMKHVc4502-10	200	270	585	91,9	75	27,9	25,4	550	333	80	180	27,0	3980
TMKHVc4503-10	220	295	585	92,1	75	30,6	27,9	550	366	80	180	29,0	4120
TMKHVc4504-10	250	335	585	92,3	75	34,8	31,6	550	416	80	180	31,0	4260
TMKHVc4505-10	280	375	585	92,5	75	38,8	35,3	550	466	80	180	25,0	4440
TMKHVc5001-10	315	420	585	92,8	76	43,0	39,1	550	525	80	180	54,0	4880
TMKHVc5002-10	355	475	585	93,0	76	48,3	43,9	550	591	80	180	58,0	5000
TMKHVc5003-10	400	535	585	93,3	76	54,3	49,3	550	666	80	180	63,0	5140
TMKHVc5004-10	450	605	585	93,4	76	61,0	55,5	550	750	80	180	66,0	5320
TMKHVc5601-10	500	670	590	93,6	78	65,9	59,9	600	826	70	180	103,0	9030
TMKHVc5602-10	560	750	590	93,7	78	73,7	67,0	600	925	70	180	112,0	9300
TMKHVc5603-10	630	845	590	93,8	78	82,9	75,3	600	1041	70	180	120,0	9590
TMKHVc5604-10	710	950	590	94,0	78	93,2	84,7	600	1173	70	180	129,0	9900
TMKHVc6301-10	800	1070	590	94,2	80	102,2	92,9	600	1321	70	180	171,0	8510
TMKHVc6302-10	900	1210	590	94,3	80	114,8	104,4	600	1487	70	180	186,0	8710
TMKHVc6303-10	1000	1340	590	94,4	80	127,4	115,8	600	1652	70	180	202,0	9310
TMKHVc6304-10	1120	1500	590	94,6	80	142,4	129,5	600	1850	70	180	219,0	9710



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TMKHVc-series

Datasheet

Medium Voltage motor , Protection degree IP55

10kV-11kV

50 Hz /IC611

10-Poles-600 Rpm

Motor Type	Rated power		Rated speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc5003-10	220	295	595	91,7	74	18,7	17,0	550	360	70	180	48,0	4860
TMKHVc5004-10	250	335	595	91,9	74	21,2	19,3	550	409	70	180	50,0	4910
TMKHVc5005-10	280	375	595	92,1	75	23,4	21,3	550	459	70	180	52,0	4990
TMKHVc5006-10	315	420	595	92,3	75	26,3	23,9	550	516	70	180	54,0	5130
TMKHVc5601-10	355	475	595	92,5	77	28,8	26,2	550	581	70	180	89,0	6950
TMKHVc5602-10	400	535	595	92,7	77	32,4	29,4	550	655	70	180	91,0	7240
TMKHVc5603-10	450	605	595	92,9	77	36,3	33,0	550	737	70	180	95,0	7590
TMKHVc5604-10	500	670	595	93,1	78	39,8	36,1	550	819	70	180	99,0	7980
TMKHVc5605-10	560	750	595	93,2	78	44,5	40,4	550	917	70	180	101,0	8350
TMKHVc6301-10	630	845	595	93,4	80	48,7	44,3	600	1032	70	180	165,0	7905
TMKHVc6302-10	710	950	595	93,6	80	54,7	49,8	600	1163	70	180	174,0	8210
TMKHVc6303-10	800	1070	595	94,0	80	61,4	55,8	600	1310	70	180	183,0	8510
TMKHVc6304-10	900	1210	595	94,2	80	69,0	62,7	600	1474	70	180	199,0	8910
TMKHVc6305-10	1000	1340	595	94,3	80	76,5	69,6	600	1638	70	180	210,0	9310



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TMKHVc-series

Datasheet

Medium Voltage motor , Protection degree IP55

6kV
 50 Hz /IC611
 12-Poles-500 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	current			Torque			Moment Of Inertia (J)	Approx. WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc4504-12	185	250	490	91,8	70	27,7	25,2	550	368	80	180	40,0	4140
TMKHVc4505-12	200	270	490	92,0	70	29,9	27,2	550	398	80	180	42,0	4280
TMKHVc5001-12	220	295	490	92,2	72	31,9	29,0	550	438	80	180	51,0	4870
TMKHVc5002-12	250	335	490	92,5	72	36,1	32,8	550	497	80	180	55,0	5030
TMKHVc5003-12	280	375	490	92,7	72	40,4	36,7	550	557	80	180	60,0	5200
TMKHVc5004-12	315	420	490	92,8	72	45,4	41,2	550	626	80	180	67,0	5410
TMKHVc5601-12	355	475	490	93,0	74	49,6	45,1	600	706	70	180	111,0	8930
TMKHVc5602-12	400	535	490	93,3	74	55,8	50,7	600	796	70	180	121,0	9150
TMKHVc5603-12	450	605	490	93,4	74	62,7	57,0	600	895	70	180	132,0	9420
TMKHVc5604-12	500	670	490	93,7	74	69,4	63,1	600	994	70	180	145,0	9690
TMKHVc6301-12	560	750	490	93,8	76	75,6	68,7	600	1114	70	180	208,0	9210
TMKHVc6302-12	630	845	490	93,9	76	84,9	77,2	600	1253	70	180	222,0	9490
TMKHVc6303-12	710	950	490	94,0	76	95,6	86,9	600	1412	70	180	238,0	9690
TMKHVc6304-12	800	1070	490	94,2	76	107,5	97,8	600	1591	70	180	255,0	9910



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TMKHVc-series

Datasheet

Medium Voltage motor , Protection degree IP55

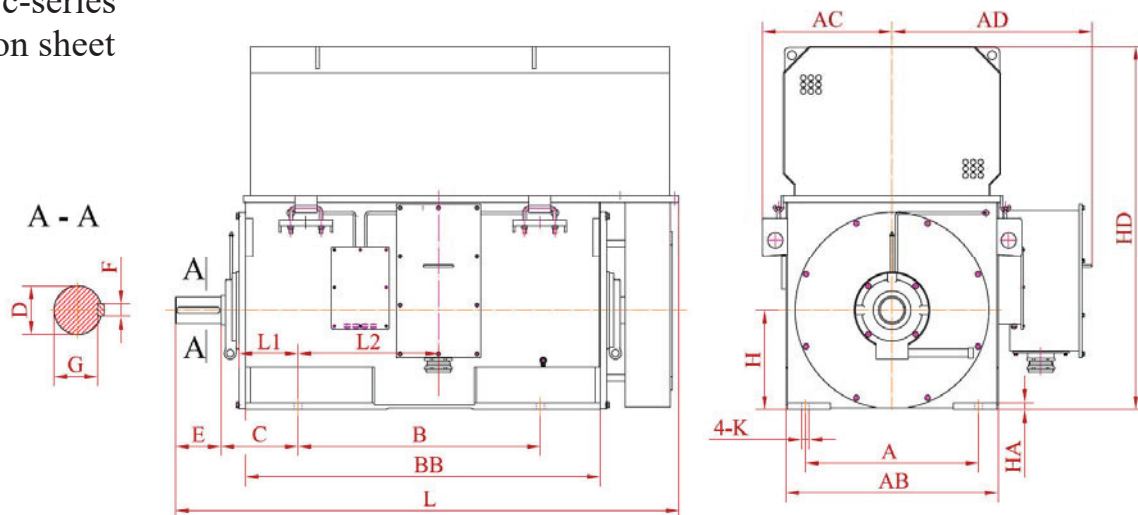
10kV-11kV
 50 Hz /IC611
 12-Poles-500 Rpm

Motor Type	Rated power		Rated speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
TMKHVc5601-12	250	335	495	91,8	73	21,5	19,6	550	492	70	180	95,0	6360
TMKHVc5602-12	280	375	495	92,0	73	24,1	21,9	550	551	70	180	99,0	6690
TMKHVc5603-12	315	420	495	92,1	73	27,1	24,6	550	620	70	180	103,0	6940
TMKHVc5604-12	355	475	495	92,3	73	30,4	27,7	550	699	70	180	107,0	7300
TMKHVc5605-12	400	535	495	92,5	73	34,2	31,1	550	787	70	180	110,0	7580
TMKHVc6301-12	450	605	495	92,7	74	37,9	34,4	600	886	70	180	158,0	7240
TMKHVc6302-12	500	670	495	93,0	74	41,9	38,1	600	984	70	180	172,0	7535
TMKHVc6303-12	560	750	495	93,3	74	46,8	42,6	600	1102	70	180	188,0	7950
TMKHVc6304-12	630	845	495	93,5	74	52,6	47,8	600	1240	70	180	202,0	8775
TMKHVc6305-12	710	950	495	93,7	74	59,1	53,7	600	1398	70	180	213,0	9260



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TMKHVc-series
Dimension sheet



Mounting Dimensions for Installation

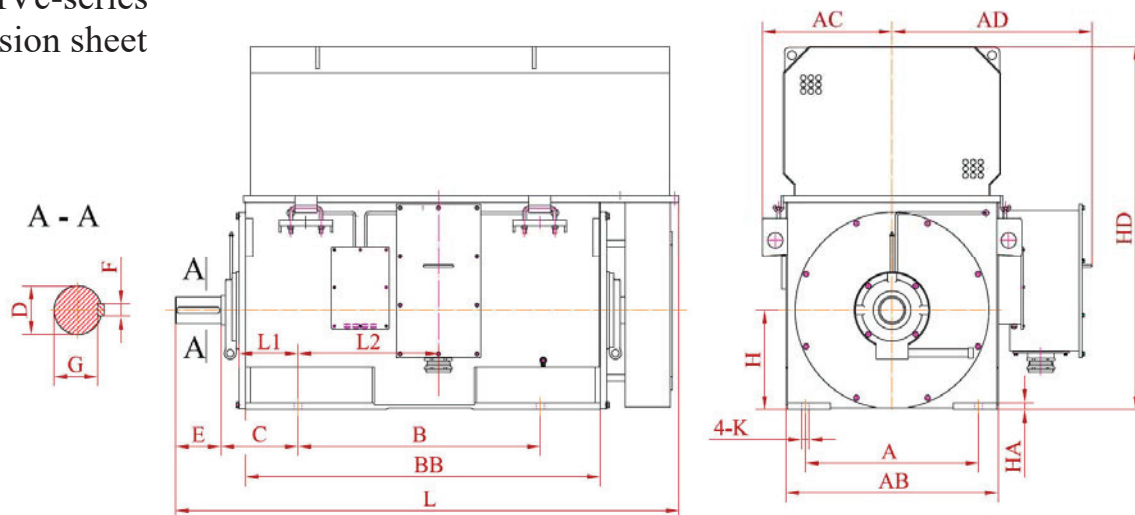
6kV
Mounting B3
Size 355-630

Frame	Poles	MOUNTING												
		A	B	C	D		E	F		G	H		K1	
TMKHVc 355	2	630±1.75	900±1.75	315±4	80	+0.030 +0.011	170±0.5	22	0 -0.052	71	0 -0.2	355	0 -1	28 +0.62 0
TMKHVc 355	4~6	630±1.75	900±1.75	315±4	100	+0.035 +0.013	210±0.5	28	0 -0.052	90	0 -0.2	355	0 -1	28 +0.62 0
TMKHVc 400	2	710±1.75	1000±1.75	375±4	90	+0.035 +0.013	170±0.5	25	0 -0.052	81	0 -0.2	400	0 -1	35 +0.62 0
TMKHVc 400	4~8	710±1.75	1000±1.75	335±4	110	+0.035 +0.013	210±0.57	28	0 -0.052	100	0 -0.2	400	0 -1	35 +0.62 0
TMKHVc 450	2	800±1.75	1120±1.75	400±4	100	+0.035 +0.013	210±0.57	28	0 -0.052	90	0 -0.2	450	0 -1	35 +0.62 0
TMKHVc 450	4	800±1.75	1120±1.75	355±4	120	+0.035 +0.013	210±0.57	32	0 -0.062	109	0 -0.2	450	0 -1	35 +0.62 0
TMKHVc 450	6~12	800±1.75	1120±1.75	355±4	130	+0.040 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	450	0 -1	35 +0.62 0
TMKHVc 500	2	900±2.1	1250±1.75	560±4	110	+0.035 +0.013	210±0.57	28	0 -0.052	100	0 -0.2	500	0 -1	42 +0.62 0
TMKHVc 500	4	900±2.1	1250±1.75	475±4	130	+0.040 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	500	0 -1	42 +0.62 0
TMKHVc 500	6~10	900±2.1	1250±1.75	475±4	140	+0.04 +0.015	250±0.57	36	0 -0.062	128	0 -0.3	500	0 -1	42 +0.62 0
TMKHVc 560	2	1000±2.1	1400±1.75	560±4	130	+0.04 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	560	0 -1	42 +0.62 0
TMKHVc 560	4	1000±2.1	1400±1.75	500±4	150	+0.04 +0.015	250±0.57	36	0 -0.062	138	0 -0.3	560	0 -1	42 +0.62 0
TMKHVc 560	6~12	1000±2.1	1400±1.75	500±4	160	+0.04 +0.015	300±0.65	40	0 -0.062	147	0 -0.3	560	0 -1	42 +0.62 0



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TMKHVc-series
Dimension sheet



Mounting Dimensions for Installation

6kV
Mounting B3
Size 355-630

Frame	Poles	MOUNTING													
		A	B	C	D		E	F		G		H		K1	
TMKHVc 630	2	1120±2.1	1600±1.75	560±4	140	+0.04 +0.015	250±0.57	36	0 -0.062	128	0 -0.3	630	0 -1	48	+0.62 0
TMKHVc 630	4	1120±2.1	1600±1.75	530±4	170	+0.04 +0.015	300±0.65	40	0 -0.062	157	0 -0.3	630	0 -1	48	+0.62 0
TMKHVc 630	6~12	1120±2.1	1600±1.75	530±4	180	+0.04 +0.015	300±0.65	45	0 -0.062	165	0 -0.3	630	0 -1	48	+0.62 0

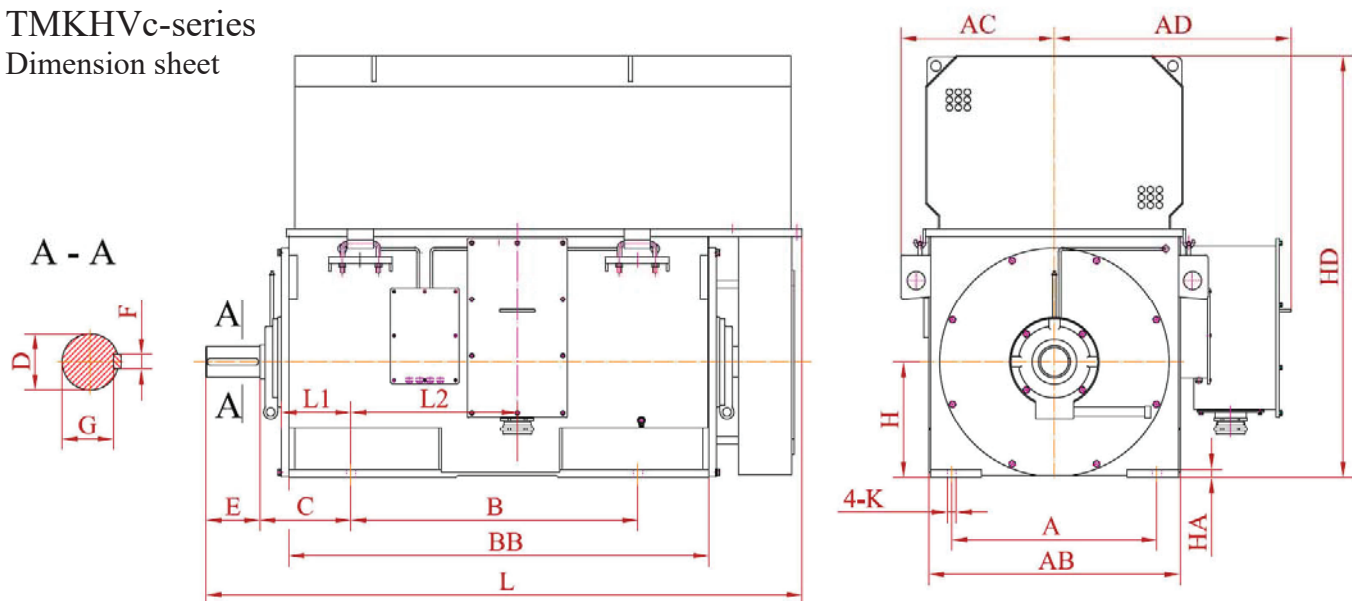
OUTLINE DIMENSIONS FOR INSTALLATION

FRAME	POLES	OUTLINE								
		AC	AD	AB	BB	HA	HD	L1	L2	L
TMKHVc 355	2	495	760	780	1350	25	1400	189	515	2100
TMKHVc 355	4~6	495	760	780	1400	25	1300	200	530	2100
TMKHVc 400	2	560	900	908	1450	36	1455	249	606	2200
TMKHVc 400	4~6	560	900	900	1510	30	1455	209	626	2241
TMKHVc 450	2	600	926	980	1530	40	1650	287	538	2270
TMKHVc 450	4	600	926	980	1638	32	1650	242	577	2325
TMKHVc 450	6~12	600	926	980	1638	32	1650	242	577	2430
TMKHVc 500	2	660	1115	1112	1720	50	2200	330	990	2920
TMKHVc 500	4	660	1000	1112	1720	35	1805	310	669	2572
TMKHVc 500	6~12	660	1000	1112	1720	35	1805	310	669	2572
TMKHVc 560	2	740	1200	1216	1940	55	2500	270	1120	3400
TMKHVc 560	4	740	1050	1216	1938	45	2120	320	755	2840
TMKHVc 560	6~12	740	1050	1216	1938	45	2120	320	755	2890
TMKHVc 630	2	850	1350	1396	2080	55	2900	265	1320	3430
TMKHVc 630	4~12	825	1150	1396	2120	50	2155	365	685	3044



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TMKHVc-series
Dimension sheet



10kV-11kV
Mounting B3
Size 400-630

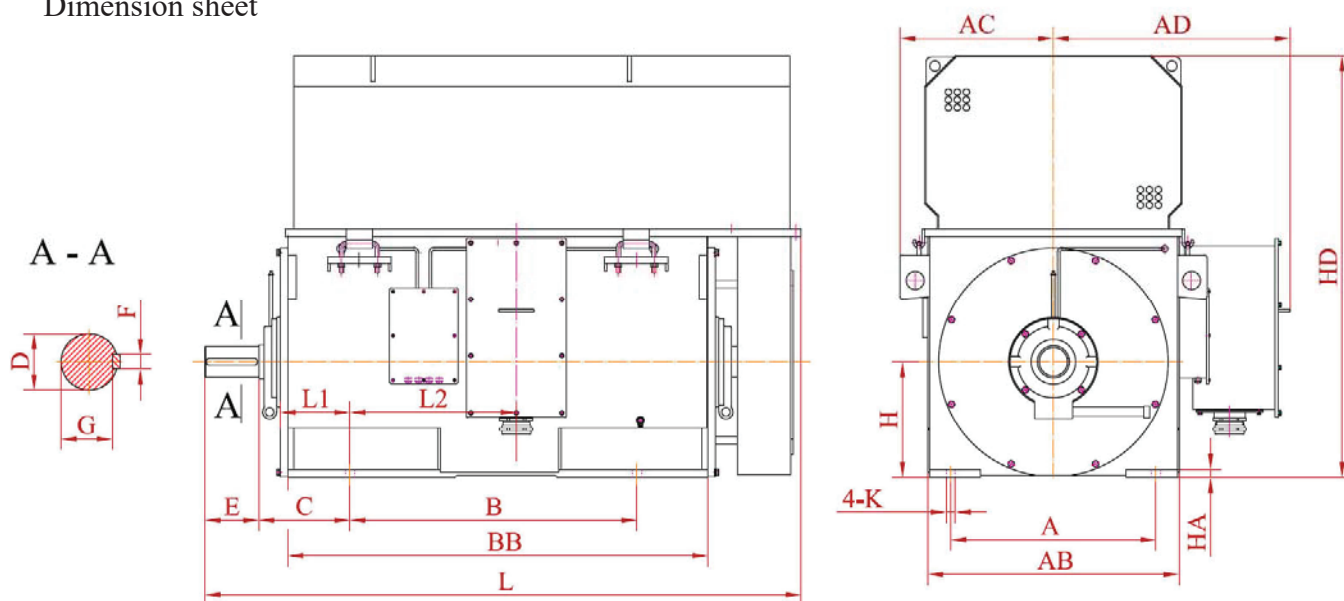
Mounting Dimensions for Installation

Frame	Poles	MOUNTING													
		A	B	C	D		E	F		G		H		K1	
TMKHVc 400	2	710±1.75	1000±1.75	375±4	80	+0.035 +0.013	170±0.5	22	0 -0.052	71	0 -0.2	400	0 -1	35	+0.62 0
TMKHVc 400	4~8	710±1.75	1000±1.75	335±4	110	+0.035 +0.013	210±0.57	28	0 -0.052	100	0 -0.2	400	0 -1	35	+0.62 0
TMKHVc 450	2	800±1.75	1120±1.75	400±4	90	+0.035 +0.013	170±0.57	25	0 -0.052	81	0 -0.2	450	0 -1	35	+0.62 0
TMKHVc 450	4~8	800±1.75	1120±1.75	355±4	110	+0.035 +0.013	210±0.57	28	0 -0.062	100	0 -0.2	450	0 -1	35	+0.62 0
TMKHVc 500	2	900±2.1	1250±2.1	560±4	100	+0.035 +0.013	210±0.57	28	0 -0.052	90	0 -0.2	500	0 -1	42	+0.62 0
TMKHVc 500	4	900±2.1	1250±2.1	475±4	120	+0.040 +0.015	210±0.57	32	0 -0.062	109	0 -0.2	500	0 -1	42	+0.62 0
TMKHVc 500	6~12	900±2.1	1250±2.1	475±4	130	+0.04 +0.015	250±0.57	32	0 -0.062	119	0 -0.3	500	0 -1	42	+0.62 0
TMKHVc 560	2	1000±2.1	1400±2.1	560±4	130	+0.04 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	560	0 -1	42	+0.62 0
TMKHVc 560	4	1000±2.1	1400±2.1	500±4	150	+0.04 +0.015	250±0.57	36	0 -0.062	138	0 -0.3	560	0 -1	42	+0.62 0
TMKHVc 560	6~12	1000±2.1	1400±2.1	500±4	160	+0.04 +0.015	300±0.65	40	0 -0.062	147	0 -0.3	560	0 -1	42	+0.62 0
TMKHVc 630	2	1120±2.1	1600±2.1	560±4	140	+0.04 +0.015	250±0.57	36	0 -0.062	128	0 -0.3	630	0 -1	48	+0.62 0
TMKHVc 630	4	1120±2.1	1600±2.1	530±4	170	+0.04 +0.015	300±0.65	40	0 -0.062	157	0 -0.3	630	0 -1	48	+0.62 0
TMKHVc 630	6~12	1120±2.1	1600±2.1	530±4	180	+0.04 +0.015	300±0.65	45	0 -0.062	165	0 -0.3	630	0 -1	48	+0.62 0



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TMKHVc-series
 Dimension sheet



OUTLINE DIMENSIONS FOR INSTALLATION

10kV-11kV
 Mounting B3
 Size 400-630

FRAME	POLES	OUTLINE								
		AC	AD	AB	BB	HA	HD	L1	L2	L
TMKHVc 400	2	560	900	908	1450	36	1455	249	606	2200
TMKHVc 400	4~6	560	900	900	1510	30	1455	209	626	2241
TMKHVc 450	2	605	934	1000	1530	40	1650	250	515	2175
TMKHVc 450	4~8	600	926	980	1638	32	1650	242	577	2325
TMKHVc 500	2									
TMKHVc 500	4	660	1000	1112	1720	35	1805	310	669	2532
TMKHVc 500	6~12	660	1000	1112	1720	35	1805	310	669	2572
TMKHVc 560	2									
TMKHVc 560	4	740	1050	1216	1938	45	2120	320	755	2840
TMKHVc 560	6~12	740	1050	1216	1938	45	2120	320	755	2890
TMKHVc 630	2									
TMKHVc 630	4~12	825	1150	1396	2120	50	2155	365	685	3044

AHV_C-SERIES



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

6kV
 50Hz / IC01
 2-Poles-3000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc3551-2	220	295	2975	92,8	86	26,5	24,1	700	72	60	180	3,0	1850
AHVc3552-2	250	335	2975	92,9	86	30,1	27,4	700	82	60	180	3,2	2020
AHVc3553-2	280	375	2975	93,1	86	33,7	30,6	700	92	60	180	3,3	2200
AHVc3554-2	315	420	2975	93,4	86	37,7	34,3	700	103	60	180	3,5	2370
AHVc3555-2	355	475	2975	93,7	86	42,4	38,5	700	116	60	180	3,8	2480
AHVc3556-2	400	535	2975	94,1	86	47,6	43,2	700	131	60	180	4,0	2700
AHVc4001-2	450	605	2980	94,4	86	53,3	48,5	700	147	60	180	5,0	2520
AHVc4002-2	500	670	2980	94,6	87	58,5	53,1	700	164	60	180	5,0	2630
AHVc4003-2	560	750	2980	94,7	87	65,4	59,5	700	183	60	180	5,2	2750
AHVc4004-2	630	845	2980	94,9	87	73,4	66,8	700	206	60	180	5,5	2880
AHVc4501-2	710	950	2980	95,0	87	82,7	75,1	700	232	60	180	11,0	3040
AHVc4502-2	800	1070	2980	95,2	87	92,9	84,5	700	262	60	180	12,0	3160
AHVc4503-2	900	1210	2980	95,3	87	104,5	95,0	700	294	60	180	13,0	3310
AHVc4504-2	1200	1610	2980	95,4	88	137,5	125,0	700	392	60	180	14,0	3400
AHVc5001-2	1120	1500	2980	95,5	88	128,2	116,6	700	366	60	180	15	3250
AHVc5002-2	1250	1680	2980	95,6	88	143,0	130,0	700	409	60	180	16	4550
AHVc5003-2	1400	1880	2980	95,7	88	160,0	145,4	700	458	60	180	17	4800
AHVc5004-2	1600	2140	2980	95,8	88	182,6	166,0	700	523	60	180	19	4980
AHVc5601-2	1800	2410	2980	95,9	88	205,2	186,6	700	589	60	180	35	5680
AHVc5602-2	2000	2680	2980	96,0	88	227,8	207,1	700	654	60	180	40	5960
AHVc5603-2	2240	3000	2980	96,1	88	254,9	231,7	700	733	60	180	47	6200
AHVc6301-2	2500	3350	2982	96,2	89	281,0	255,4	700	817	60	180	65	7500
AHVc6302-2	2800	3750	2982	96,3	89	314,4	285,8	700	915	60	180	72	7800
AHVc6303-2	3150	4220	2982	96,3	89	353,7	321,5	700	1029	60	180	80	8200



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

10kV-11kV

50Hz / IC01

2-Poles-3000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc4001-2	220	295	2980	92,2	85	16,2	14,7	750	72	60	180	5,8	2320
AHVc4002-2	250	335	2980	92,5	85	18,4	16,7	750	82	60	180	6,0	2440
AHVc4003-2	280	375	2980	92,7	85	20,5	18,7	750	92	60	180	5,0	2560
AHVc4004-2	315	420	2980	92,9	85	23,0	20,9	750	103	60	180	5,5	2680
AHVc4501-2	355	475	2980	93,8	87	25,1	22,8	700	116	60	180	10,6	3380
AHVc4502-2	400	535	2980	94,1	87	28,2	25,6	700	131	60	180	11,0	3460
AHVc4503-2	450	605	2980	94,3	87	31,7	28,8	700	147	60	180	11,0	3560
AHVc4504-2	500	670	2980	94,4	87	35,2	32,0	700	164	60	180	11,5	3690
AHVc4505-2	560	750	2980	94,5	87	39,3	35,8	700	183	60	180	12,0	3830
AHVc4506-2	630	845	2980	94,6	87	44,2	40,2	700	206	60	180	12,6	4050
AHVc5001-2	710	950	2980	94,7	88	49,2	44,7	700	232	60	180	16,0	4630
AHVc5002-2	800	1070	2980	94,8	88	55,4	50,3	700	262	60	180	17,0	4840
AHVc5003-2	900	1210	2980	94,9	88	62,2	56,6	700	294	60	180	18,0	5060
AHVc5004-2	1000	1340	2980	95,0	88	69,1	62,8	700	327	60	180	19,0	5260
AHVc5005-2	1120	1500	2980	95,2	88	77,2	70,2	700	366	60	180	20,0	5410
AHVc5601-2	1250	1680	2980	95,4	89	85,0	77,3	700	409	60	180	23,0	6530
AHVc5602-2	1400	1880	2980	95,5	89	95,1	86,5	700	458	60	180	25,0	6760
AHVc5603-2	1600	2140	2980	95,6	89	108,6	98,7	700	523	60	180	27,0	6910
AHVc6301-2	1800	2410	2982	95,7	90	120,7	109,7	700	588	60	180	65,0	7500
AHVc6302-2	2000	2680	2982	95,8	90	133,9	121,8	700	654	60	180	72,0	8400
AHVc6303-2	2240	3000	2982	96,0	90	149,7	136,1	700	732	60	180	80,0	9400



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

6kV
 50Hz / IC01
 4-Poles-1500 Rpm

Medium Voltage motor, Protection degree IP23													Poles 1500 Rpm	
Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT	
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out			
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg	
AHVc3551-4	185	250	1485	92,8	85	22,6	20,5	650	121	80	180	4,7	1500	
AHVc3552-4	200	270	1485	93,1	85	24,3	22,1	650	131	80	180	4,7	1560	
AHVc3553-4	220	295	1485	93,3	85	26,7	24,3	650	144	80	180	4,8	1650	
AHVc3554-4	250	335	1485	93,4	85	30,3	27,5	650	164	80	180	5,0	1780	
AHVc3555-4	280	375	1485	93,5	86	33,5	30,5	650	184	80	180	5,7	1900	
AHVc3556-4	315	420	1485	93,6	86	37,7	34,2	650	207	80	180	6,7	2070	
AHVc4001-4	355	475	1485	93,8	86	42,3	38,5	650	233	80	180	12,0	2480	
AHVc4002-4	400	535	1485	94,0	86	47,6	43,3	650	262	80	180	13,0	2550	
AHVc4003-4	450	605	1485	94,2	86	53,5	48,6	650	295	80	180	14,0	2720	
AHVc4004-4	500	670	1485	94,3	87	58,6	53,3	650	328	80	180	15,0	2790	
AHVc4005-4	560	750	1485	94,5	87	65,5	59,6	650	367	80	180	17,0	3730	
AHVc4501-4	630	845	1485	94,8	87	73,5	66,8	650	413	80	180	17,0	3260	
AHVc4502-4	710	950	1485	95,0	87	82,7	75,1	650	466	80	180	19,0	3390	
AHVc4503-4	800	1070	1485	95,1	87	93,0	84,6	650	525	80	180	20,0	3490	
AHVc4504-4	900	1210	1485	95,2	87	104,6	95,1	650	591	80	180	22,0	3860	
AHVc5001-4	1000	1340	1485	95,3	87	116,1	105,5	650	656	70	180	26	4290	
AHVc5002-4	1120	1500	1485	95,4	88	128,4	116,7	650	735	70	180	29	4610	
AHVc5003-4	1250	1680	1485	95,5	88	143,1	130,1	650	820	70	180	32	4750	
AHVc5004-4	1400	1880	1485	95,6	88	160,1	145,6	650	919	70	180	34	4930	
AHVc5601-4	1600	2140	1485	95,7	89	180,8	164,3	650	1050	60	180	52	5750	
AHVc5602-4	1800	2410	1485	95,8	89	203,2	184,7	650	1181	60	180	55	6120	
AHVc5603-4	2000	2680	1485	95,9	89	225,5	205,0	650	1312	60	180	60	6350	
AHVc6301-4	2240	3000	1492	96,0	89	252,3	229,3	650	1463	60	180	107	7190	
AHVc6302-4	2500	3350	1492	96,1	89	281,3	255,7	650	1633	60	180	113	7550	
AHVc6303-4	2800	3750	1493	96,2	89	314,7	286,1	650	1828	60	180	126	7910	



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

10kV-11kV

50Hz / IC01

4-Poles-1500 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc400A-4	185	250	1480	91,0	83	14,1	12,9	700	122	70	180	5,5	2295
AHVc400B-4	200	270	1480	91,1	83	15,3	13,9	700	132	70	180	8,2	2340
AHVc4001-4	220	295	1480	91,2	83	16,8	15,3	700	145	70	180	8,2	2390
AHVc4002-4	250	335	1480	91,8	83	18,9	17,2	700	165	70	180	8,5	2440
AHVc4003-4	280	375	1480	92,1	83	21,1	19,2	700	184	70	180	8,8	2495
AHVc4004-4	315	420	1480	92,6	83	23,7	21,5	700	207	70	180	9,2	2560
AHVc4501-4	355	475	1485	93,3	86	25,5	23,2	700	233	70	180	15,0	3760
AHVc4502-4	400	535	1485	93,5	86	28,7	26,1	700	262	70	180	15,0	3820
AHVc4503-4	450	605	1485	93,9	86	32,2	29,2	700	295	70	180	16,0	3870
AHVc4504-4	500	670	1485	94,0	86	35,7	32,5	700	328	70	180	17,0	3930
AHVc4505-4	560	750	1485	94,2	86	39,9	36,3	700	367	70	180	18,1	4000
AHVc4506-4	630	845	1485	94,4	86	44,8	40,7	700	413	70	180	19,3	4070
AHVc5001-4	710	950	1485	95,0	87	49,6	45,1	700	466	70	180	28,0	4760
AHVc5002-4	800	1070	1485	95,1	87	55,8	50,8	700	525	70	180	28,6	4760
AHVc5003-4	900	1210	1485	95,2	88	62,0	56,4	700	591	70	180	30,0	5210
AHVc5004-4	1000	1340	1485	95,3	88	68,8	62,6	700	656	70	180	32,0	5210
AHVc5005-4	1120	1500	1485	95,4	88	77,0	70,0	700	735	70	180	33,8	5460
AHVc5601-4	1250	1680	1485	95,5	89	84,9	77,2	700	820	70	180	46,0	6640
AHVc5602-4	1400	1880	1485	95,7	89	94,9	86,3	700	919	70	180	54,0	6860
AHVc5603-4	1600	2140	1485	95,8	89	108,3	98,5	700	1050	70	180	59,0	7080
AHVc6301-4	1800	2410	1492	95,9	89	121,8	110,7	700	1176	60	180	95,0	7490
AHVc6302-4	2000	2680	1493	96,0	89	135,2	122,9	700	1305	60	180	100,0	7630
AHVc6303-4	2240	3000	1493	96,1	89	151,2	137,5	700	1462	60	180	110,0	8010



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AHVe-series

Datasheet

Medium voltage motor, Protection degree IP23

6kV
 50Hz / IC01
 6-Poles-1000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVe3553-6	185	250	985	92,3	82	23,5	21,4	600	183	80	180	9,3	1740
AHVe3554-6	200	270	985	92,7	82	25,3	23,0	600	198	80	180	9,3	1860
AHVe3555-6	220	295	985	93,0	82	27,8	25,2	600	218	80	180	9,5	1980
AHVe3556-6	250	335	985	93,3	82	31,4	28,6	600	247	80	180	10,0	2070
AHVe4002-6	280	375	985	93,5	83	34,7	31,6	600	277	80	180	16,0	2720
AHVe4003-6	315	420	985	93,7	83	39,0	35,4	600	312	80	180	17,0	2810
AHVe4004-6	355	475	985	93,9	83	43,8	39,8	600	351	80	180	18,0	2880
AHVe4005-6	400	535	985	94,0	83	49,3	44,8	600	396	80	180	20,0	3170
AHVe4501-6	450	605	990	94,3	84	54,7	49,7	600	443	80	180	25	3050
AHVe4502-6	500	670	990	94,5	85	59,9	54,5	600	492	80	180	26	3170
AHVe4503-6	560	750	990	94,7	85	66,9	60,9	600	551	80	180	28	3500
AHVe4504-6	630	845	990	94,8	85	75,2	68,4	600	620	80	180	30	3750
AHVe5001-6	710	950	990	95,0	85	84,6	76,9	600	699	70	180	39	4080
AHVe5002-6	800	1070	990	95,1	85	95,2	86,6	600	787	70	180	42	4220
AHVe5003-6	900	1210	990	95,2	85	107,0	97,3	600	886	70	180	45	4360
AHVe5004-6	1000	1340	990	95,3	85	118,8	108,0	600	984	70	180	47	4530
AHVe5601-6	1120	1500	991	95,4	86	131,4	119,4	650	1101	70	180	63	5200
AHVe5602-6	1250	1680	991	95,5	86	146,5	133,1	650	1229	70	180	70	5450
AHVe5603-6	1400	1880	991	95,6	86	163,9	149,0	650	1377	70	180	74	5700
AHVe6301-6	1600	2140	993	95,7	86	187,1	170,1	650	1570	70	180	124	7100
AHVe6302-6	1800	2410	994	95,8	86	210,2	191,1	650	1765	70	180	132	7400
AHVe6303-6	2000	2680	994	95,9	86	233,4	212,1	650	1961	70	180	140	7750



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

10kV-11kV

50Hz / IC01

6-Poles-1000 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc4503-6	315	420	990	92,8	82	23,9	21,7	600	310	70	180	22,0	3660
AHVc4504-6	355	475	990	93,1	83	26,5	24,1	600	349	70	180	22,7	3840
AHVc4505-6	400	535	990	93,3	83	29,8	27,1	600	394	70	180	24,3	3990
AHVc4506-6	450	605	990	93,5	83	33,5	30,4	600	443	70	180	25,1	4170
AHVc5001-6	500	670	995	93,9	83	37,0	33,7	600	490	70	180	40,0	4710
AHVc5002-6	560	750	995	94,1	84	40,9	37,2	600	548	70	180	43,0	4990
AHVc5003-6	630	845	995	94,4	84	45,9	41,7	600	617	70	180	46,0	5220
AHVc5004-6	710	950	995	94,6	84	51,6	46,9	600	695	70	180	49,0	5440
AHVc5005-6	800	1070	995	94,7	84	58,1	52,8	600	784	70	180	52,5	5770
AHVc5601-6	900	1210	990	94,9	85	64,4	58,6	600	886	70	180	73,0	6560
AHVc5602-6	1000	1340	990	95,1	85	71,4	64,9	600	984	70	180	75,0	6800
AHVc5603-6	1120	1500	990	95,3	85	79,8	72,6	600	1102	70	180	78,0	7050
AHVc5604-6	1250	1680	990	95,4	86	88,0	80,0	600	1230	70	180	81,5	7220
AHVc6301-6	1400	1880	995	95,7	86	98,2	89,3	600	1371	60	180	128,0	7610
AHVc6302-6	1600	2140	995	95,8	86	112,1	101,9	600	1567	60	180	141,0	7990
AHVc6303-6	1800	2410	995	95,9	86	126,0	114,6	600	1763	60	180	157,0	8330



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

6kV

50Hz / IC01

8-Poles-750 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc4003-8	220	295	740	92,9	78	29,2	26,6	550	290	80	180	20,0	2560
AHVc4004-8	250	335	740	93,0	79	32,7	29,8	550	329	80	180	21,0	2780
AHVc4005-8	280	375	740	93,2	79	36,6	33,3	550	369	80	180	22,0	3130
AHVc4501-8	315	420	740	93,4	80	40,6	36,9	550	415	80	180	27	2930
AHVc4502-8	355	475	740	93,5	80	45,7	41,5	550	467	80	180	29	3130
AHVc4503-8	400	535	740	93,7	80	51,3	46,7	550	527	80	180	31	3350
AHVc4504-8	450	605	740	93,8	81	57,0	51,8	550	593	80	180	33	3430
AHVc5001-8	500	670	740	94,3	81	63,0	57,3	550	658	80	180	43	4430
AHVc5002-8	560	750	740	94,4	82	69,6	63,3	550	737	80	180	46	4580
AHVc5003-8	630	845	740	94,5	82	78,2	71,1	550	830	80	180	50	4750
AHVc5004-8	710	950	740	94,6	82	88,1	80,1	550	935	80	180	53	4900
AHVc5601-8	800	1070	740	94,7	84	96,8	88,0	600	1054	70	180	80	5400
AHVc5602-8	900	1210	740	94,8	84	108,8	98,9	600	1185	70	180	88	5630
AHVc5603-8	1000	1340	740	94,9	84	120,7	109,7	600	1317	70	180	94	5870
AHVc6301-8	1120	1500	744	95,0	84	135,1	122,8	600	1467	70	180	134	7460
AHVc6302-8	1250	1680	744	95,1	84	150,6	136,9	600	1637	70	180	140	7780
AHVc6303-8	1400	1880	744	95,2	84	168,5	153,2	600	1834	70	180	152	8100
AHVc6304-8	1600	2140	744	95,3	84	192,3	174,8	600	2096	70	180	162	8380



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

10kV-11kV
 50Hz / IC01
 8-Poles-750 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx. WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc500B-8	280	375	740	92,6	77	22,7	20,6	600	369	70	180	39,0	4350
AHVc5001-8	315	420	740	92,8	77	25,5	23,1	600	415	70	180	43,0	4350
AHVc5002-8	355	475	740	93,1	77	28,6	26,0	600	467	70	180	45,0	4560
AHVc5003-8	400	535	740	93,2	78	31,8	28,9	600	527	70	180	45,0	4840
AHVc5004-8	450	605	740	93,4	78	35,7	32,4	600	593	70	180	50,0	5280
AHVc5005-8	500	670	740	93,8	79	39,0	35,4	600	658	70	180	53,0	5480
AHVc5006-8	560	750	740	93,9	79	43,6	39,6	600	737	70	180	57,0	5870
AHVc5601-8	630	845	740	94,4	82	47,0	42,7	600	830	70	180	83,0	6540
AHVc5602-8	710	950	740	94,6	82	52,8	48,0	600	935	70	180	88,0	6830
AHVc5603-8	800	1070	740	94,7	82	59,5	54,1	600	1054	70	180	93,5	7020
AHVc5604-8	900	1210	740	94,8	82	66,8	60,8	600	1185	70	180	99,0	7230
AHVc6301-8	1000	1340	744	95,0	83	73,2	66,6	600	1310	70	180	147,0	7510
AHVc6302-8	1120	1500	744	95,2	83	81,8	74,4	600	1467	70	180	167,0	7660
AHVc6303-8	1250	1680	745	95,3	83	91,2	82,9	600	1635	70	180	182,0	8050



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

6kV
 50Hz / IC01
 10-Poles-600 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc4501-10	220	295	590	92,1	77	29,9	27,1	550	363	80	180	27	2820
AHVc4502-10	250	335	590	92,3	78	33,4	30,4	550	413	80	180	29	2930
AHVc4503-10	280	375	590	92,5	78	37,3	33,9	550	462	80	180	31	3130
AHVc4504-10	315	420	590	92,6	79	41,4	37,7	550	520	80	180	33	3210
AHVc4505-10	355	475	590	92,8	79	46,6	42,4	550	586	80	180	35	3290
AHVc5001-10	400	535	590	93,3	80	51,6	46,9	550	661	80	180	50	4010
AHVc5002-10	450	605	590	93,4	80	58,0	52,7	550	743	80	180	54	4140
AHVc5003-10	500	670	590	93,6	80	64,3	58,4	550	826	80	180	58	4290
AHVc5004-10	560	750	590	93,7	80	71,9	65,4	550	925	80	180	63	4480
AHVc5005-10	630	845	590	93,8	80	80,8	73,4	550	1041	80	180	66	4650
AHVc5601-10	710	950	590	94,0	82	88,6	80,6	600	1173	70	180	97	5450
AHVc5602-10	800	1070	590	94,2	82	99,7	90,6	600	1321	70	180	103	5700
AHVc5603-10	900	1210	590	94,3	82	112,0	101,8	600	1487	70	180	112	5820
AHVc6301-10	1000	1340	594	94,4	82	124,3	113,0	600	1641	70	180	148	7450
AHVc6302-10	1120	1500	594	94,6	82	138,9	126,3	600	1837	70	180	157	7800
AHVc6303-10	1250	1680	594	94,8	82	154,7	140,7	600	2051	70	180	171	8150
AHVc6304-10	1400	1880	594	94,9	82	173,1	157,4	600	2297	70	180	186	8430



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

10kV-11kV

50Hz / IC01

10-Poles-600 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc5002-10	250	335	595	92,2	74	21,2	19,2	550	409	70	180	49,0	5110
AHVc5003-10	280	375	595	92,4	74	23,6	21,5	550	459	70	180	49,5	5230
AHVc5004-10	315	420	595	92,6	74	26,5	24,1	550	516	70	180	50,0	5360
AHVc5005-10	355	475	595	92,8	75	29,4	26,8	550	581	70	180	52,0	5610
AHVc5006-10	400	535	595	93,0	75	33,1	30,1	550	655	70	180	53,5	5830
AHVc5601-10	450	605	590	93,2	77	36,2	32,9	600	743	70	180	98,0	6190
AHVc5602-10	500	670	590	93,4	77	40,1	36,5	600	826	70	180	102,0	6340
AHVc5603-10	560	750	590	93,5	78	44,3	40,3	600	925	70	180	104,0	6490
AHVc5604-10	630	845	590	93,7	78	49,8	45,2	600	1041	70	180	109,0	6630
AHVc5605-10	710	950	590	93,9	78	56,0	50,9	600	1173	70	180	118,0	6860
AHVc6301-10	800	1070	594	94,3	80	61,2	55,7	600	1312	70	180	174,0	7360
AHVc6302-10	900	1210	593	94,5	80	68,7	62,5	600	1479	70	180	183,0	7560
AHVc6303-10	1000	1340	593	94,6	80	76,3	69,4	600	1643	70	180	199,0	7710
AHVc6304-10	1120	1500	593	94,7	80	85,4	77,6	600	1841	70	180	210,0	8110



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

6kV

50Hz / IC01

12-Poles-600 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 6kV	Full Load 6.6kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc4504-12	220	295	490	91,4	73	31,7	28,8	550	438	80	180	38	3300
AHVc4505-12	250	335	490	91,7	73	35,9	32,7	550	497	80	180	40	3540
AHVc5001-12	280	375	490	92,7	74	39,3	35,7	550	557	80	180	47	3980
AHVc5002-12	315	420	490	92,8	75	43,6	39,6	550	626	80	180	51	4100
AHVc5003-12	355	475	490	93,0	75	49,0	44,5	550	706	80	180	55	4250
AHVc5004-12	400	535	490	93,3	75	55,0	50,0	550	796	80	180	60	4410
AHVc5005-12	450	605	490	93,4	75	61,8	56,2	550	895	80	180	67	4600
AHVc5601-12	500	670	490	93,7	79	65,0	59,1	600	994	70	180	94	5350
AHVc5602-12	560	750	490	93,8	79	72,7	66,1	600	1114	70	180	105	5550
AHVc5603-12	630	845	490	93,9	79	81,7	74,3	600	1253	70	180	111	5810
AHVc6301-12	710	950	494	94,0	79	92,0	83,6	600	1401	70	180	168	7410
AHVc6302-12	800	1070	494	94,2	79	103,4	94,0	600	1578	70	180	179	7730
AHVc6303-12	900	1210	494	94,3	79	116,3	105,7	600	1775	70	180	195	8050
AHVc6304-12	1000	1340	494	94,4	79	129,0	117,3	600	1973	70	180	208	8320



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AHVc-series

Datasheet

Medium voltage motor, Protection degree IP23

10kV-11kV

50Hz / IC01

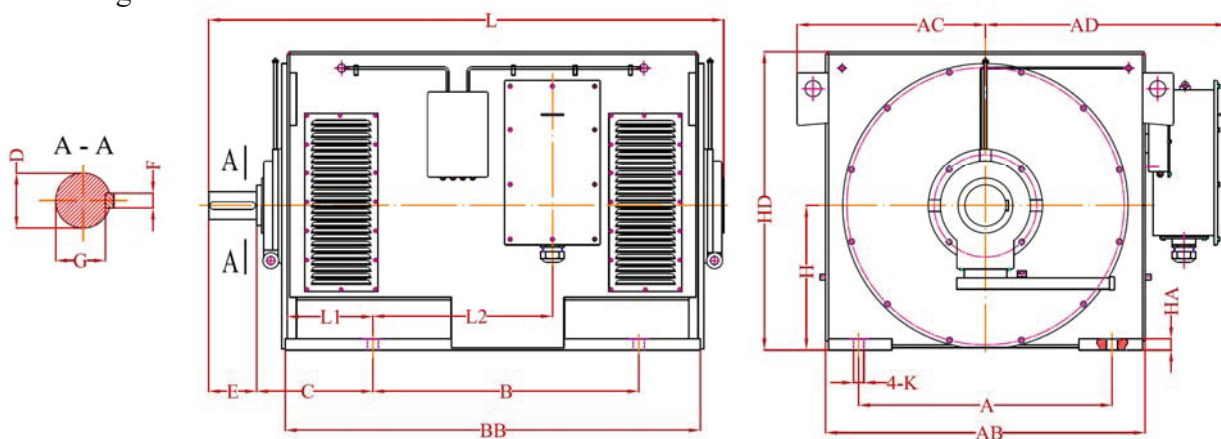
12-Poles-600 Rpm

Motor Type	Rated Power		Rated Speed	Efficiency	Power Factor	Current			Torque			Moment of inertia (J)	Approx WT
						Full Load 10kV	Full Load 11kV	Locked Rotor	Full Load	Locked Rotor	Pull Out		
	kW	(HP)	RPM	%	%	A	A	%FLC	kg-m	%FLT	%FLT	kg-m ²	kg
AHVc5601-12	315	420	490	92,3	73	27,0	24,5	600	626	70	180	95,0	6160
AHVc5602-12	355	475	490	92,5	73	30,4	27,6	600	706	70	180	104,0	6350
AHVc5603-12	400	535	490	92,7	73	34,1	31,0	600	796	70	180	110,0	6520
AHVc5604-12	450	605	490	92,9	73	38,3	34,8	600	895	70	180	121,0	6660
AHVc5605-12	500	670	490	93,2	73	42,4	38,6	600	994	70	180	126,0	6860
AHVc6301-12	560	750	492	93,5	74	46,7	42,5	600	1109	70	180	172,0	7410
AHVc6302-12	630	845	493	93,7	74	52,5	47,7	600	1245	70	180	188,0	7610
AHVc6303-12	710	950	493	93,9	74	59,0	53,6	600	1403	70	180	202,0	7770
AHVc6304-12	800	1070	492	94,3	74	66,2	60,2	600	1585	70	180	213,0	8160



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AHV_C series
 Dimension sheet
 Medium voltage motor



6kV
 Mounting B3

Frame	Poles	MOUNTING													
		A	B	C	D		E	F		G		H		K1	
AHV _C 355	2	630±1.75	900±1.75	315±4	80	+0.030 +0.011	170±0.5	22	0 -0.052	71	0 -0.2	355	0 -1	28	+0.62 0
AHV _C 355	4~6	630±1.75	900±1.75	315±4	100	+0.035 +0.013	210±0.5	28	0 -0.052	90	0 -0.2	355	0 -1	28	+0.62 0
AHV _C 400	2	710±1.75	1000±1.75	375±4	90	+0.035 +0.013	170±0.5	25	0 -0.052	81	0 -0.2	400	0 -1	35	+0.62 0
AHV _C 400	4~8	710±1.75	1000±1.75	335±4	110	+0.035 +0.013	210±0.57	28	0 -0.052	100	0 -0.2	400	0 -1	35	+0.62 0
AHV _C 450	2	800±1.75	1120±1.75	400±4	100	+0.035 +0.013	210±0.57	28	0 -0.052	90	0 -0.2	450	0 -1	35	+0.62 0
AHV _C 450	4	800±1.75	1120±1.75	355±4	120	+0.035 +0.013	210±0.57	32	0 -0.062	109	0 -0.2	450	0 -1	35	+0.62 0
AHV _C 450	6~12	800±1.75	1120±1.75	355±4	130	+0.040 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	450	0 -1	35	+0.62 0
AHV _C 500	2	900±2.1	1250±1.75	560±4	110	+0.035 +0.013	210±0.57	28	0 -0.052	100	0 -0.2	500	0 -1	42	+0.62 0
AHV _C 500	4	900±2.1	1250±1.75	475±4	130	+0.040 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	500	0 -1	42	+0.62 0
AHV _C 500	6~10	900±2.1	1250±1.75	475±4	140	+0.04 +0.015	250±0.57	36	0 -0.062	128	0 -0.3	500	0 -1	42	+0.62 0
AHV _C 560	2	1000±2.1	1400±1.75	560±4	130	+0.04 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	560	0 -1	42	+0.62 0
AHV _C 560	4	1000±2.1	1400±1.75	500±4	150	+0.04 +0.015	250±0.57	36	0 -0.062	138	0 -0.3	560	0 -1	42	+0.62 0
AHV _C 560	6~12	1000±2.1	1400±1.75	500±4	160	+0.04 +0.015	300±0.65	40	0 -0.062	147	0 -0.3	560	0 -1	42	+0.62 0
AHV _C 630	2	1120±2.1	1600±1.75	560±4	140	+0.04 +0.015	250±0.57	36	0 -0.062	128	0 -0.3	630	0 -1	48	+0.62 0
AHV _C 630	4	1120±2.1	1600±1.75	530±4	170	+0.04 +0.015	300±0.65	40	0 -0.062	157	0 -0.3	630	0 -1	48	+0.62 0
AHV _C 630	6~12	1120±2.1	1600±1.75	530±4	180	+0.04 +0.015	300±0.65	45	0 -0.062	165	0 -0.3	630	0 -1	48	+0.62 0



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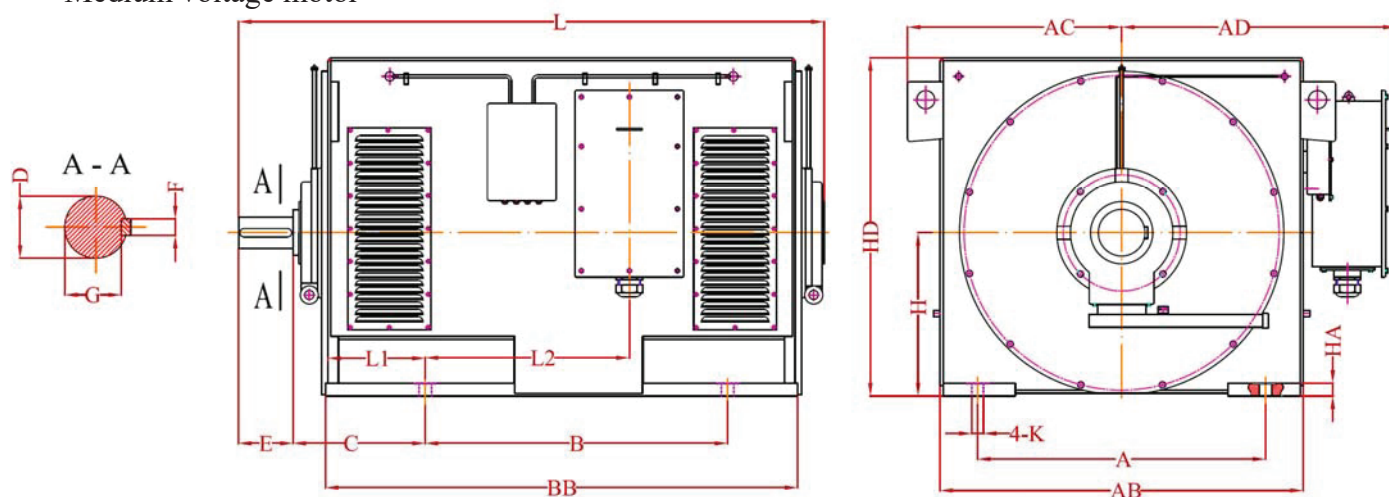
OUTLINE DIMENSIONS FOR INSTALLATION

FRAME	POLES	OUTLINE								
		AC	AD	AB	BB	HA	HD	L1	L2	L
AHV _C 355	2	500	760	780	1350	25	760	189	561	1725
AHV _C 355	4~6	500	760	780	1400	25	760	189	617	1815
AHV _C 400	2	570	900	888	1450	30	850	249	606	1830
AHV _C 400	4~6	570	900	888	1510	30	850	209	626	2000
AHV _C 450	2	599	926	980	1530	40	960	255	515	1910
AHV _C 450	4	599	926	980	1638	32	960	242	657	2055
AHV _C 450	6~12	599	926	980	1638	32	960	242	657	2105
AHV _C 500	2	660	1115	1112	1720	50	1790	330	990	2370
AHV _C 500	4	660	1000	1112	1720	35	1065	310	669	2200
AHV _C 500	6~12	660	1000	1112	1720	35	1065	310	669	2200
AHV _C 560	2	740	1200	1216	1940	55	1920	270	1120	2650
AHV _C 560	4	740	1050	1216	1938	45	1185	320	815	2475
AHV _C 560	6~12	740	1050	1216	1938	45	1185	320	815	2525
AHV _C 630	2	850	1350	1396	2100	55	2200	265	1320	2950
AHV _C 630	4~12	825	1150	1396	2080	50	1307	365	685	2677



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AHV_C series
Dimension Sheet
 Medium voltage motor



10kV-11kV
 Mounting B3

Frame	Poles	MOUNTING													
		A	B	C	D		E	F		G		H		K1	
AHV _C 400	2	710±1.75	1000±1.75	375±4	80	+0.035 +0.013	170±0.5	22	0 -0.052	71	0 -0.2	400	0 -1	35	+0.62 0
AHV _C 400	4~8	710±1.75	1000±1.75	335±4	110	+0.035 +0.013	210±0.57	28	0 -0.052	100	0 -0.2	400	0 -1	35	+0.62 0
AHV _C 450	2	800±1.75	1120±1.75	400±4	90	+0.035 +0.013	170±0.57	25	0 -0.052	81	0 -0.2	450	0 -1	35	+0.62 0
AHV _C 450	4~8	800±1.75	1120±1.75	355±4	110	+0.035 +0.013	210±0.57	28	0 -0.062	100	0 -0.2	450	0 -1	35	+0.62 0
AHV _C 500	2	900±2.1	1250±2.1	560±4	100	+0.035 +0.013	210±0.57	28	0 -0.052	90	0 -0.2	500	0 -1	42	+0.62 0
AHV _C 500	4	900±2.1	1250±2.1	475±4	120	+0.040 +0.015	210±0.57	32	0 -0.062	109	0 -0.2	500	0 -1	42	+0.62 0
AHV _C 500	6~10	900±2.1	1250±2.1	475±4	130	+0.04 +0.015	250±0.57	32	0 -0.062	119	0 -0.3	500	0 -1	42	+0.62 0
AHV _C 560	2	1000±2.1	1400±2.1	560±4	130	+0.04 +0.015	250±0.57	32	0 -0.062	119	0 -0.2	560	0 -1	42	+0.62 0
AHV _C 560	4	1000±2.1	1400±2.1	500±4	150	+0.04 +0.015	250±0.57	36	0 -0.062	138	0 -0.3	560	0 -1	42	+0.62 0
AHV _C 560	6~12	1000±2.1	1400±2.1	500±4	160	+0.04 +0.015	300±0.65	40	0 -0.062	147	0 -0.3	560	0 -1	42	+0.62 0
AHV _C 630	2	1120±2.1	1600±2.1	560±4	140	+0.04 +0.015	250±0.57	36	0 -0.062	128	0 -0.3	630	0 -1	48	+0.62 0
AHV _C 630	4	1120±2.1	1600±2.1	530±4	170	+0.04 +0.015	300±0.65	40	0 -0.062	157	0 -0.3	630	0 -1	48	+0.62 0
AHV _C 630	6~12	1120±2.1	1600±2.1	530±4	180	+0.04 +0.015	300±0.65	45	0 -0.062	165	0 -0.3	630	0 -1	48	+0.62 0



VALIADIS S.A.
Hellenic Motors
 Quality Assurance Certificate EN ISO 9001:2008
 Certificate Reg.No. 04100970683

OUTLINE DIMENSIONS FOR INSTALLATION

FRAME	POLES	OUTLINE								
		AC	AD	AB	BB	HA	HD	L1	L2	L
AHV _C 400	2	570	900	900	1450	30	850	249	606	1830
AHV _C 400	4~6	570	900	900	1510	30	850	209	626	2000
AHV _C 450	2	600	926	980	1530	40	960	255	515	1910
AHV _C 450	4~8	600	926	980	1638	32	960	242	657	2055
AHV _C 500	2	660	1115	1112	1720	50	1790	330	990	2370
AHV _C 500	4	660	1000	1112	1720	35	1065	310	669	2160
AHV _C 500	6~12	660	1000	1112	1720	35	1065	310	669	2200
AHV _C 560	2	740	1200	1216	1940	55	1920	270	1120	2650
AHV _C 560	4	740	1050	1216	1938	45	1185	320	815	2475
AHV _C 560	6~12	740	1050	1216	1938	45	1185	320	815	2525
AHV _C 630	2	850	1350	1396	2100	55	2200	265	1320	2950
AHV _C 630	4~12	825	1150	1396	2080	50	1307	365	685	2677



ATHENS: 18, Gr. Lambraki Str., 141 23 Likovrisi – tel: +30 2102817217, fax : +30 2102814277

THESSALONIKI: Industrial Area of Sindos., O.T. 48B, 15th Str., 570 22

tel :+30 2310796646 – fax: +30 2310796645

e-mail: valiadis@valiadis.gr – <https://www.valiadis.gr>

ROMANIA: 1, Aleea Meseriasilor, Bloc C93, Etaj 2, Ap. 16, Sector 6, 061647-Bucharest

tel: +40 214135902 – e-mail: romania@valiadis.gr – <https://www.ac-motors.eu>