



## HOCHSPANNUNGS-DREHSTROMMOTOREN

Kompakte Ausführung, Kühlart: IC411 Eigenbelüftet

### THREE - PHASE HIGH VOLTAGE MOTORS

Compact Design, Cooling Method: IC411 Self-ventilated

### Moteurs triphasé a haute tension

Design compact, Méthode de refroidissement: IC411 Autoventilés



### 13.8kV - 60 Hz - CL F - IP55

Type	Nennleistung	Nenn-drehzahl	N-strom 13.8kV	Leistungs-faktor	Wirkungs-grad	Anzugs-moment	Anzugs-strom	Kipp-moment	Trägheits-moment	Gewicht
Type	Rated output	Rated speed	Current 13.8kV	Power factor	Efficiency %	Relative torque	Relative current	B-down Torque	Moment of inertia	Weight
Type	Puissance nominale	Vitesse nominale	Intensité 13.8kV	Facteur de puissance	Rendement %	Couple démarrage	Courant démarrage	Couple maximal	Moment d'inertie	Masse
	KW	1 / min	A	cos $\Phi$	%	MA / MN	Ia / In	MK / MN	Kg/m <sup>2</sup>	kg

#### 2 Polig / 2 Poles / 2 Pôles

HJC450A-2	220	3568	12.8	0.84	94.6	0.7	7.0	2.0	5.6	2875
HJC450B-2	250	3568	14.5	0.84	94.7	0.7	7.0	2.0	6.5	3015
HJC450C-2	280	3568	15.8	0.86	94.9	0.7	7.0	2.0	7.4	3155
HJC450D-2	315	3568	17.7	0.86	95.1	0.7	7.0	2.0	8.6	3315
HJC450E-2	355	3568	20.0	0.86	95.2	0.7	7.0	2.0	9.1	3400
HJC450F-2	400	3568	22.4	0.86	95.5	0.7	7.0	2.0	9.7	3480
HJC450G-2	450	3568	25.2	0.86	95.6	0.7	7.0	2.0	10.2	3525
HJC450H-2	500	3570	27.7	0.87	95.7	0.7	7.0	2.0	10.8	3615
HJC500A-2	560	3570	31.0	0.87	95.8	0.7	7.0	2.0	12	4970
HJC500B-2	630	3571	34.8	0.87	95.9	0.7	7.0	2.0	14	5090
HJC500C-2	710	3571	39.2	0.87	96.0	0.7	7.0	2.0	15	5220
HJC500D-2	800	3574	43.6	0.88	96.1	0.7	7.0	2.0	16	5330
HJC500E-2	900	3574	49.0	0.88	96.2	0.7	7.0	2.0	17	5460
HJC560A-2	1000	3576	54.4	0.88	96.3	0.7	7.0	2.0	19	6860
HJC560B-2	1120	3576	60.1	0.89	96.4	0.7	7.0	2.0	28	7160
HJC560C-2	1250	3576	67.1	0.89	96.5	0.7	7.0	2.0	30	7495
HJC560D-2	1400	3580	75.0	0.89	96.6	0.7	7.0	2.0	32	7795





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Type	Rated output	Rated speed	Current 13.8kV	Power factor	Efficiency %	Relative torque	Relative current	B-down Torque	Moment of inertia	Weight
Type	Puissance nominale	Vitesse nominale	Intensité 13.8kV	Facteur de puissance	Rendement %	Couple démarrage	Courant démarrage	Couple maximal	Moment d'inertie	Masse
	KW	1 / min	A	cos $\Phi$	%	MA / MN	Ia / In	MK / MN	Kg/m <sup>2</sup>	kg

### 4 Polig / 4 Poles / 4 Pôles

HJC450A-4	220	1783	12.8	0.84	94.6	0.8	6.5	2.0	12.9	3025
HJC450B-4	250	1783	14.5	0.84	94.7	0.8	6.5	2.0	14.8	3150
HJC450C-4	280	1783	16.2	0.84	94.9	0.8	6.5	2.0	16.9	3305
HJC450D-4	315	1784	18.0	0.85	95.1	0.8	6.5	2.0	19.2	3455
HJC450E-4	355	1784	20.2	0.85	95.2	0.8	6.5	2.0	20.3	3525
HJC450F-4	400	1784	22.7	0.85	95.5	0.8	6.5	2.0	21.6	3570
HJC450G-4	450	1784	25.5	0.85	95.6	0.8	6.5	2.0	22.5	3645
HJC450H-4	500	1784	40.8	0.86	65.7	0.8	6.5	2.0	23.6	3730
HJC500A-4	560	1786	45.6	0.86	65.8	0.8	6.5	2.0	31	5045
HJC500B-4	630	1786	35.2	0.86	95.9	0.8	6.5	2.0	33	5205
HJC500C-4	710	1786	39.6	0.86	96.0	0.8	6.5	2.0	35	5305
HJC500D-4	800	1786	44.1	0.87	96.1	0.8	6.5	2.0	37	5450
HJC500E-4	900	1787	49.5	0.87	96.2	0.8	6.5	2.0	39	5565
HJC560A-4	1000	1787	55.0	0.87	96.3	0.7	6.5	2.0	58	6725
HJC560B-4	1120	1787	60.8	0.88	96.4	0.7	6.5	2.0	63	7020
HJC560C-4	1250	1787	67.8	0.88	96.5	0.7	6.5	2.0	68	7315
HJC560D-4	1400	1787	75.9	0.88	96.6	0.7	6.5	2.0	76	7710





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Typ	Nennleistung	Nenn-drehzahl	N-strom 13.8kV	Leistungs-faktor	Wirkungs-grad	Anzugs-moment	Anzugs-strom	Kipp-moment	Trägheits-moment	Gewicht
Type	Rated output	Rated speed	Current 13.8kV	Power factor	Efficiency %	Relative torque	Relative current	B-down Torque	Moment of inertia	Weight
Type	Puissance nominale	Vitesse nominale	Intensité 13.8kV	Facteur de puissance	Rendement %	Couple démarrage	Courant démarrage	Couple maximal	Moment d'inertie	Masse
	KW	1 / min	A	cos $\Phi$	%	MA / MN	Ia / In	MK / MN	Kg/m <sup>2</sup>	kg

### 6 Polig / 6 Poles / 6 Pôles

HJC450D-6	220	1184	13.1	0.82	94.2	0.8	6.0	2.0	27.4	3500
HJC450E-6	250	1184	14.9	0.82	94.3	0.8	6.0	2.0	28.8	3565
HJC450F-6	280	1184	16.6	0.82	94.5	0.8	6.0	2.0	30.2	3645
HJC450G-6	315	1187	18.7	0.82	94.7	0.8	6.0	2.0	33	3795
HJC450H-6	355	1187	21.0	0.82	94.9	0.8	6.0	2.0	34.9	3900
HJC500A-6	400	1188	23.7	0.82	95.0	0.8	6.0	2.0	43	5090
HJC500B-6	450	1188	26.3	0.83	95.1	0.8	6.0	2.0	44	5240
HJC500C-6	500	1188	29.2	0.83	95.2	0.8	6.0	2.0	46	5350
HJC500D-6	560	1188	32.6	0.83	95.5	0.8	6.0	2.0	48	5495
HJC500E-6	630	1188	36.6	0.83	95.6	0.8	6.0	2.0	51	5635
HJC560A-6	710	1189	41.2	0.83	95.7	0.7	6.0	2.0	93	6950
HJC560B-6	800	1189	46.4	0.83	95.8	0.7	6.0	2.0	97	7220
HJC560C-6	900	1190	51.4	0.84	96.0	0.7	6.0	2.0	101	7495
HJC560D-6	1000	1190	57.1	0.84	96.1	0.7	6.0	2.0	106	7740
HJC560E-6	1120	1190	63.9	0.84	96.2	0.7	6.0	2.0	113	8010





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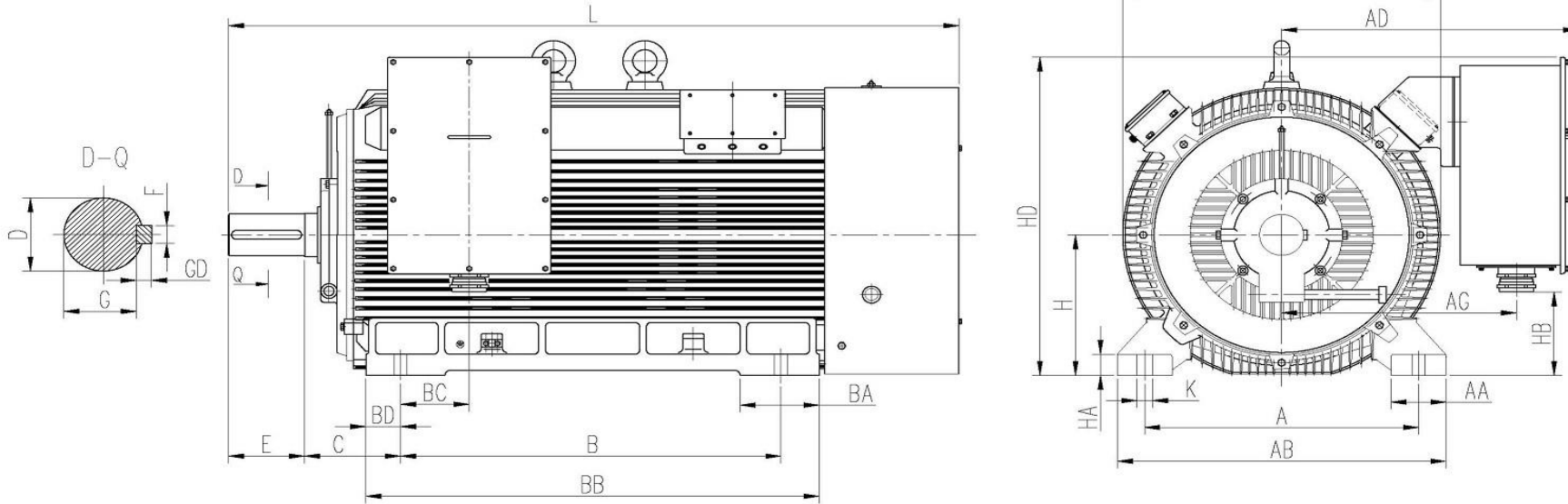
Type	Nennleistung	Nenn-drehzahl	N-strom 13.8kV	Leistungs-faktor	Wirkungs-grad	Anzugs-moment	Anzugs-strom	Kipp-moment	Trägheits-moment	Gewicht
Type	Rated output	Rated speed	Current 13.8kV	Power factor	Efficiency %	Relative torque	Relative current	B-down Torque	Moment of inertia	Weight
Type	Puissance nominale	Vitesse nominale	Intensité 13.8kV	Facteur de puissance	Rendement %	Couple démarrage	Courant démarrage	Couple maximal	Moment d'inertie	Masse
	KW	1 / min	A	cos $\Phi$	%	MA / MN	Ia / In	MK / MN	Kg/m <sup>2</sup>	kg

### 8 Polig / 8 Poles / 8 Pôles

HJC450F-8	220	890	14.0	0.77	94.1	0.8	5.5	2.0	30	3635
HJC450G-8	250	890	15.7	0.78	94.2	0.8	5.5	2.0	33	3770
HJC450H-8	280	890	17.5	0.78	94.3	0.8	5.5	2.0	35	3890
HJC500B-8	315	892	19.7	0.78	94.4	0.8	5.5	2.0	43	5150
HJC500C-8	355	892	22.2	0.78	94.6	0.8	5.5	2.0	44	5295
HJC500D-8	400	892	24.6	0.79	94.7	0.8	5.5	2.0	46	5405
HJC500E-8	450	892	27.7	0.79	94.8	0.8	5.5	2.0	48	5575
HJC560A-8	500	893	30.7	0.79	95.0	0.7	5.5	2.0	113	6525
HJC560B-8	560	893	33.9	0.80	95.1	0.7	5.5	2.0	120	6760
HJC560C-8	630	895	38.1	0.80	95.3	0.7	5.5	2.0	128	7005
HJC560D-8	710	895	42.3	0.81	95.5	0.7	5.5	2.0	134	7230
HJC560E-8	800	895	47.6	0.81	95.6	0.7	5.5	2.0	140	7470



Overall mounting dimensions for HJC (13.8kV) series of high-voltage three-phase induction motors. Compact Design



Frame Size	No of poles	Mounting dimension and tolerance									Overall dimension													
		A	B	C	D	E	F	G	H	K	AA	AB	AC	AD	AG	BA	BB	BC	BD	GD	H	HB	HD	L
HJC-450	2	800	1120	280	95	170	25	86	450	35	160	950	910	855	805	240	1340	165	136	14	50	385	1170	2070
HJC-450	4	800	1120	280	120	210	32	109	450	35	160	950	910	855	805	240	1340	165	136	18	50	385	1170	2150
HJC-450	6-8	800	1120	280	130	250	32	119	450	35	160	950	910	855	805	240	1340	165	136	18	50	385	1170	2250
HJC-500	2	900	1250	315	100	210	28	90	500	42	200	1080	1031	910	835	300	1490	264	114	16	50	490	1290	2580
HJC-500	4	900	1250	315	130	250	32	119	500	42	200	1080	1031	910	835	300	1490	264	114	18	50	490	1290	2380
HJC-500	6-8	900	1250	315	140	250	36	128	500	42	200	1080	1031	910	835	300	1490	264	114	20	50	490	1290	2480
HJC-560	2	1000	1400	530	130	250	32	119	560	42	210	1170	1185	955	890	300	1680	178	170	18	60	595	1400	2900
HJC-560	4	1000	1400	355	150	250	36	138	560	42	210	1170	1185	955	890	300	1680	178	170	20	60	595	1400	2600
HJC-560	6-8	1000	1400	355	160	300	40	147	560	42	210	1170	1185	955	890	300	1680	178	170	22	60	595	1400	2775