HOFFMANN TECHNICS AG

DREHSTROM-HOCHSPANNUNGS-MOTOREN

Kühlart: IC01, Luftgekühlt, Tropfwassergeschützt

THREE - PHASE HIGH VOLTAGE MOTORS

Cooling Method: IC01, Open-drip proof Air cooled

MOTEURS DE HAUTE TENSION DE TROIS PHASE

Méthode de refroidissement IC01, refroidisseur à air ouverte au goutte à goutte

13.8kV - 60 Hz - CL F - IP55

Typ Type Type	Nenn-leistung Rated output Puissance nominale	Nenn-drehzahl Rated speed Vitesse nominale	N-strom 13.8kV Current 13.8kV Intensité 13.8kV	Leistungs-faktor Power factor Facteur de puissance	Wirkungs-grad Efficiency % Rendement %	Anzugs-moment Relative torque Couple démarrage	Anzugs-strom Relative current Courant démarrage	Kipp-moment B-down Torque Couple maximal	Gewicht Weight Masse
	KW	**1 / min**	**A**	**cos φ**	**%**	**MA / MN**	**Ia / In**	**MK / MN**	**kg**
2 Polig / 2 Poles / 2 Pôles									
HJP450A-2	220	3568	14.5	0.86	92.7	0.6	7.0	1.8	2935
HJP450B-2	250	3569	16.4	0.86	93.0	0.6	7.0	1.8	2950
HJP450C-2	280	3570	18.3	0.86	93.4	0.6	7.0	1.8	3000
HJP450D-2	315	3571	20.3	0.87	93.6	0.6	7.0	1.8	3098
HJP450E-2	355	3572	22.9	0.87	93.8	0.6	7.0	1.8	3160
HJP450F-2	400	3572	25.7	0.87	94.1	0.6	7.0	1.8	3250
HJP450G-2	450	3575	28.8	0.87	94.4	0.6	7.0	1.8	3290
HJP450H-2	500	3575	32.0	0.87	94.3	0.6	7.0	1.8	3370
HJP450I-2	560	3576	35.8	0.87	94.5	0.6	7.0	1.8	3600
HJP450J-2	630	3576	40.2	0.87	94.6	0.6	7.0	1.8	3760
HJP500A-2	710	3577	44.8	0.88	94.7	0.6	7.0	1.8	4150
HJP500B-2	800	3577	50.4	0.88	94.8	0.6	7.0	1.8	4250
HJP500C-2	900	3577	56.6	0.88	94.9	0.6	7.0	1.8	4500
HJP500D-2	1000	3578	62.9	0.88	95.0	0.6	7.0	1.8	4600
HJP500E-2	1120	3578	70.3	0.88	95.2	0.6	7.0	1.8	4700
HJP560A-2	1250	3580	77.4	0.89	95.4	0.6	7.0	1.8	7750
HJP560B-2	1400	3580	86.6	0.89	95.5	0.6	7.0	1.8	8000
HJP560C-2	1600	3580	98.8	0.89	95.6	0.6	7.0	1.8	8250
HJP630A-2	1800	3580	109.8	0.90	95.7	0.6	7.0	1.8	9250
HJP630B-2	2000	3580	121.9	0.90	95.8	0.6	7.0	1.8	9650
HJP630C-2	2240	3581	136.2	0.90	96.0	0.6	7.0	1.8	10500
HJP710A-2	2500	3582	153.9	0.89	95.9	0.6	7.0	1.8	14300
HJP710B-2	2800	3582	172.2	0.89	96.0	0.6	7.0	1.8	14600
HJP710C-2	3150	3582	193.5	0.89	96.1	0.6	7.0	1.8	14900
HJP710D-2	3550	3582	217.9	0.89	96.2	0.6	7.0	1.8	15300
HJP800A-2	4000	3584	245.2	0.89	96.3	0.6	7.0	1.8	20000
HJP800B-2	4500	3586	275.6	0.89	96.4	0.6	7.0	1.8	21000
HJP800C-2	5000	3587	305.9	0.89	96.5	0.6	7.0	1.8	23000
HJP800D-2	5600	3587	342.3	0.89	96.6	0.6	7.0	1.8	24000

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DREHSTROM-HOCHSPANNUNGS-MOTOREN

Kühlart: IC01, Luftgekühlt, Tropfwassergeschützt

THREE - PHASE HIGH VOLTAGE MOTORS

Cooling Method: IC01, Open-drip proof Air cooled

MOTEURS DE HAUTE TENSION DE TROIS PHASE

Méthode de refroidissement IC01, refroidisseur à air ouverte au goutte à goutte

13.8kV - 60 Hz - CL F - IP55

Typ Type Type	Nenn-leistung Rated output Puissance nominale	Nenn-drehzahl Rated speed Vitesse nominale	N-strom 13.8kV Current 13.8kV Intensité 13.8kV	Leistungs-faktor Power factor Facteur de puissance	Wirkungs-grad Efficiency % Rendement %	Anzugs-moment Relative torque Couple démarrage	Anzugs-strom Relative current Courant démarrage	Kipp-moment B-down Torque Couple maximal	Trägheits-moment kg m2 Moment of inertia kg m2 Moment d'inertie kg m2		Gewicht Weight Masse
	kW	1/min	A	cos Φ	%	Ma/Mn	Ia/In	MK/MN	Motor	J Load	kg
4 Polig / 4 Pole											
HJP400A-4	220	1784.4	16	0.84	92.5	0.8	6.4	2.2	11	120	2470
HJP400B-4	250	1784.4	19	0.84	92.8	0.8	6.3	2.2	12	130	2480
HJP400C-4	280	1784.4	21	0.85	93.0	0.8	6.2	2.2	12	140	2490
HJP400D-4	315	1784.4	23	0.85	93.3	0.8	6.0	2.3	13	160	2500
HJP400E-4	355	1782	26	0.86	93.6	0.8	5.8	2.3	14	170	2600
HJP400F-4	400	1782	29	0.86	93.5	0.9	5.7	2.4	14	180	2610
HJP400G-4	450	1782	32	0.85	93.9	0.9	5.8	2.5	15	190	2740
HJP400H-4	500	1782	36	0.86	94.3	0.9	5.8	2.4	16	200	2820
HJP450A-4	560	1780.8	39	0.88	94.2	0.9	5.8	2.2	19	240	3780
HJP450B-4	630	1780.8	44	0.88	94.5	0.9	5.9	2.2	20	250	3900
HJP450C-4	710	1782	49	0.88	94.8	0.9	6.0	2.2	22	265	4000
HJP450D-4	800	1782	54	0.89	95.1	1.0	6.1	2.2	26	275	4100
HJP500A-4	900	1784.4	62	0.88	94.8	0.7	5.8	2.1	34	340	4500
HJP500B-4	1000	1784.4	68	0.90	95.1	0.7	5.9	2.2	40	350	4650
HJP500C-4	1120	1784.4	76	0.90	95.3	0.6	5.9	2.1	44	367	4800
HJP500D-4	1250	1785.6	84	0.90	95.5	0.7	5.6	2.3	47	370	5100
HJP560A-4	1400	1788	96	0.88	95.5	0.6	5.9	2.3	55	390	6600
HJP560B-4	1600	1788	109	0.89	95.5	0.6	5.8	2.2	60	405	6800
HJP560C-4	1800	1788	122	0.89	95.9	0.6	5.8	2.2	65	420	7000
HJP560D-4	2000	1788	134	0.90	96.1	0.6	5.8	2.2	75	450	7200
HJP630A-4	2240	1789.2	150	0.90	95.7	0.7	6.4	2.3	135	560	8300
HJP630B-4	2500	1788	167	0.90	95.8	0.6	6.3	2.4	145	590	8600
HJP630C-4	2800	1788	187	0.90	96.0	0.6	6.4	2.3	156	810	9000
HJP630D-4	3150	1789.2	210	0.90	96.1	0.7	6.5	2.3	166	1000	9500
HJP710A-4	3550	1792.8	232	0.91	96.7	0.6	5.6	2.2	180	1600	12710
HJP710B-4	4000	1792.8	262	0.91	96.8	0.7	6.2	2.3	210	1850	13170
HJP710C-4	4500	1792.8	294	0.90	96.8	0.7	6.2	2.4	225	2220	13940
HJP800A-4	5000	1792.8	331	0.90	96.9	0.6	5.5	2.3	280	2510	17100
HJP800B-4	5600	1792.8	366	0.91	97.0	0.6	5.8	2.4	300	2610	17830
HJP800C-4	6300	1792.8	411	0.90	97.0	0.7	6.1	2.6	320	2780	18460
HJP900A-4	7100	1794	469	0.90	97.2	0.7	5.4	1.8	410	2830	23230
HJP900B-4	8000	1792.8	527	0.89	97.3	0.7	5.3	1.9	450	2760	24310
HJP900C-4	9000	1792.8	593	0.90	97.3	0.7	5.4	1.9	490	2920	25960
HJP1000A-4	10000	1794	667	0.89	97.2	0.5	5.4	1.7	850	3010	29870
HJP1000B-4	11200	1794	746	0.89	97.4	0.5	5.6	1.6	970	3220	30900
HJP1000C-4	12500	1794	822	0.90	97.5	0.6	5.7	1.8	1030	3300	32460
HJP1000D-4	14000	1794	920	0.90	97.6	0.6	5.5	1.7	1180	3500	33890
HJP1120A-4	16000	1796.4	1053	0.90	97.5	0.4	6.7	2.7	1830	3500	36630
HJP1120B-4	18000	1795.2	1184	0.90	97.5	0.4	6.0	2.4	1830	3800	37940
HJP1120C-4	20000	1795.2	1300	0.91	97.6	0.4	5.7	2.3	1830	4050	39470
HJP1120D-4	22400	1795.2	1455	0.91	97.7	0.5	6.4	2.5	2230	4250	41540

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13.8kV - 60 Hz - CL F - IP55

Typ Type Type	Nenn-leistung Rated output Puissance nominale	Nenn-drehzahl Rated speed Vitesse nominale	N-strom 13.8kV Current 13.8kV Intensité 13.8kV	Leistungs-faktor Power factor Facteur de puissance	Wirkungs-grad Efficiency % Rendement %	Anzugs-moment Relative torque Couple démarrage	Anzugs-strom Relative current Courant démarrage	Kipp-moment B-down Torque Couple maximal	Trägheits-moment kg m2 Moment of inertia kg m2 Moment d'inertie kg m2		Gewicht Weight Masse
	kW	1/min	A	cos Φ	%	Ma/Mn	Ia/In	MK/MN	Motor	J Load	kg
6 Polig / 6 Pole											
HJP400A-6	220	1182	17	0.81	92.2	1.0	5.8	2.0	16	350	2460
HJP400B-6	250	1182	19	0.81	92.7	1.0	5.3	2.0	17	370	2520
HJP400C-6	280	1182	21	0.83	92.5	1.0	5.2	2.0	18	380	2600
HJP400D-6	315	1182	24	0.82	92.6	0.9	5.0	2.0	19	390	2680
HJP400E-6	355	1182	27	0.83	92.9	0.8	5.6	2.0	20	400	2750
HJP450A-6	400	1183.2	29	0.86	93.4	0.8	5.6	1.9	28	560	3420
HJP450B-6	450	1184.4	33	0.84	93.6	0.8	5.6	1.9	31	570	3540
HJP450C-6	500	1184.4	36	0.85	93.9	0.9	5.9	1.9	33	580	3660
HJP450D-6	560	1184.4	40	0.88	94.2	0.9	6.0	1.9	38	590	3780
HJP450E-6	630	1184.4	46	0.85	94.3	0.8	5.3	1.9	38	600	3900
HJP500A-6	710	1184.4	50	0.86	94.5	0.7	4.8	2.0	40	702	4450
HJP500B-6	800	1186.8	57	0.86	94.7	0.7	4.9	2.0	44	863	4600
HJP500C-6	900	1186.8	63	0.87	94.8	0.7	5.3	2.0	50	882	4900
HJP500D-6	1000	1188	71	0.86	95.1	0.8	5.6	2.2	55	910	5050
HJP560A-6	1120	1190.4	77	0.88	95.2	0.7	5.9	2.3	92	1100	6200
HJP560B-6	1250	1189.2	85	0.89	95.4	0.7	5.9	2.3	97	1200	6400
HJP560C-6	1400	1190.4	96	0.88	95.7	0.7	5.8	2.2	105	1300	6650
HJP630A-6	1600	1191.6	111	0.87	95.6	0.7	5.7	2.2	185	1200	7700
HJP630B-6	1800	1191.6	123	0.88	95.7	0.7	5.8	2.1	199	1310	8350
HJP630C-6	2000	1191.6	137	0.88	95.8	0.7	5.6	2.1	228	1400	8700
HJP630D-6	2240	1191.6	155	0.87	96.0	0.7	5.8	2.1	256	1520	9400
HJP710A-6	2500	1192.8	168	0.88	96.6	0.7	5.7	2.1	284	1610	11820
HJP710B-6	2800	1194	190	0.88	96.7	0.7	6.0	2.2	260	2850	12560
HJP710C-6	3150	1194	213	0.88	96.7	0.7	5.8	2.3	285	3000	13120
HJP710D-6	3550	1194	239	0.88	96.8	0.7	5.8	2.2	305	3260	13940
HJP800A-6	4000	1194	271	0.88	96.8	0.7	5.6	2.3	360	3790	16810
HJP800B-6	4500	1194	305	0.88	96.8	0.7	5.5	2.3	390	4140	17330
HJP800C-6	5000	1194	337	0.89	96.9	0.7	5.6	2.3	430	4460	18160
HJP900A-6	5600	1194	374	0.89	97.1	0.7	5.8	2.5	560	5330	21930
HJP900B-6	6300	1194	420	0.89	97.2	0.7	5.8	2.4	600	5730	22740
HJP900C-6	7100	1194	473	0.89	97.2	0.7	5.7	2.4	640	6030	23670
HJP1000A-6	8000	1195.2	533	0.89	97.3	0.6	5.5	2.2	1210	6500	28600
HJP1000B-6	9000	1195.2	600	0.89	97.3	0.7	5.7	2.2	1340	7050	29710
HJP1000C-6	10000	1196.4	666	0.89	97.4	0.8	6.4	2.5	1440	7540	30890
HJP1000D-6	11200	1195.2	744	0.89	97.5	0.7	6.1	2.4	1580	8140	32340
HJP1120A-6	12500	1195.2	832	0.89	97.5	0.6	5.8	2.2	2070	8350	37300
HJP1120B-6	14000	1195.2	930	0.89	97.6	0.6	5.8	2.2	2240	8580	38900
HJP1120C-6	16000	1195.2	1052	0.90	97.6	0.7	5.9	2.3	2375	9080	40510
HJP1120D-6	18000	1195.2	1196	0.89	97.6	0.7	5.9	2.2	5670	9930	41830

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MOTEURS DE HAUTE TENSION DE TROIS PHASE

Méthode de refroidissement IC01, refroidisseur à air ouverte au goutte à goutte

13.8kV - 60 Hz - CL F - IP55

Typ Type Type	Nenn-leistung Rated output Puissance nominale	Nenn-drehzahl Rated speed Vitesse nominale	N-strom 13.8kV Current 13.8kV Intensité 13.8kV	Leistungs-faktor Power factor Facteur de puissance	Wirkungs-grad Efficiency % Rendement %	Anzugs-moment Relative torque Couple démarrage	Anzugs-strom Relative current Courant démarrage	Kipp-moment B-down Torque Couple maximal	Trägheits-moment kg m2 Moment of inertia kg m2 Moment d'inertie kg m2		Gewicht Weight Masse
	kW	1/min	A	cos Φ	%	Ma/Mn	Ia/In	MK/MN	Motor	J Load	kg
8 Polig / 8 Pole											
HJP450A-8	220	886	18	0.78	92.0	1.1	5.3	2.2	30	700	3200
HJP450B-8	250	884	19	0.81	92.4	1.1	5.1	2.1	32	750	3300
HJP450C-8	280	886	22	0.78	92.5	1.0	5.1	2.1	34	800	3420
HJP450D-8	315	886	25	0.80	92.9	1.0	5.0	2.1	35	850	3540
HJP450E-8	355	884	27	0.81	93.2	1.0	5.1	1.9	36	900	3660
HJP450F-8	400	884	31	0.81	93.4	1.1	5.2	1.9	37	930	3780
HJP450G-8	450	884	34	0.82	93.6	0.8	5.1	1.9	38	970	3900
HJP500A-8	500	887	38	0.82	93.7	0.8	5.3	2.0	55	1050	4400
HJP500B-8	560	887	42	0.83	93.9	0.8	5.3	2.0	61	1150	4550
HJP500C-8	630	888	47	0.82	94.1	0.8	5.4	2.1	70	1250	4850
HJP500D-8	710	889	52	0.83	94.3	0.8	5.4	2.1	80	1400	5100
HJP560A-8	800	889	58	0.85	94.3	1.0	5.3	2.2	95	1600	5900
HJP560B-8	900	889	64	0.85	95.5	1.0	5.2	2.2	103	1800	6000
HJP560C-8	1000	889	72	0.85	94.7	1.0	5.2	2.1	110	2100	6150
HJP560D-8	1120	888	79	0.86	94.9	0.9	5.1	2.0	126	2300	6350
HJP630A-8	1250	889	88	0.86	95.2	0.7	5.5	2.1	188	2400	7650
HJP630B-8	1400	889	99	0.86	95.3	0.8	5.4	2.2	204	2500	7950
HJP630C-8	1600	889	113	0.86	95.4	0.8	5.3	2.1	227	2650	8300
HJP630D-8	1800	889	127	0.86	95.5	0.8	5.4	2.2	251	2900	8900
HJP710A-8	2000	895	147	0.82	96.1	0.7	5.3	2.3	280	4050	11980
HJP710B-8	2240	895	164	0.82	96.1	0.7	5.3	2.3	330	4510	12450
HJP710C-8	2500	895	181	0.82	96.2	0.8	6.0	2.5	360	5060	12970
HJP800A-8	2800	894	199	0.84	96.5	0.7	5.4	2.3	420	6060	16700
HJP800B-8	3150	895	224	0.84	96.6	0.8	5.9	2.6	470	8240	17450
HJP800C-8	3550	895	249	0.85	96.6	0.8	5.9	2.6	500	8860	18320
HJP900A-8	4000	894	282	0.85	96.5	0.7	5.1	2.1	670	9450	21610
HJP900B-8	4500	894	317	0.86	96.5	0.8	5.3	2.1	740	10610	22460
HJP900C-8	5000	894	347	0.86	96.6	0.8	5.6	2.3	820	11000	23600
HJP1000A-8	5600	895	385	0.87	96.6	0.7	5.6	2.3	1180	11500	26980
HJP1000B-8	6300	895	433	0.87	96.6	0.6	5.5	2.2	1260	12080	27710
HJP1000C-8	7100	895	487	0.87	96.7	0.6	5.5	2.2	1340	14200	28640
HJP1000D-8	8000	895	548	0.87	96.7	0.6	5.2	2.1	1490	15190	29620
HJP1000E-8	9000	895	616	0.87	96.8	0.7	5.4	2.2	1610	16240	30870
HJP1120A-8	10000	896	683	0.87	97.1	0.6	5.2	2.1	2050	19980	36570
HJP1120B-8	11200	896	765	0.87	97.1	0.6	5.2	2.1	2235	19980	37690
HJP1120C-8	12500	896	845	0.88	97.1	0.5	5.2	2.1	2480	19980	38940
HJP1120D-8	14000	896	945	0.88	97.2	0.6	5.5	2.2	2665	19980	41050

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Méthode de refroidissement IC01, refroidisseur à air ouverte au goutte à goutte

13.8kV - 60 Hz - CL F - IP55

Typ Type Type	Nenn-leistung Rated output Puissance nominale	Nenn-drehzahl Rated speed Vitesse nominale	N-strom 13.8kV Current 13.8kV Intensité 13.8kV	Leistungs-faktor Power factor Facteur de puissance	Wirkungs-grad Efficiency % Rendement %	Anzugs-moment Relative torque Couple démarrage	Anzugs-strom Relative current Courant démarrage	Kipp-moment B-down Torque Couple maximal	Trägheits-moment kg m2 Moment of inertia kg m2 Moment d'inertie kg m2		Gewicht Weight Masse
	kW	1/min	A	cos Φ	%	Ma/Mn	Ia/In	MK/MN	Motor	J Load	kg
10 Polig / 10 Pole											
HJP450A-10	220	713	20	0.72	91.6	1.1	5.5	2.2	35	737	3340
HJP450B-10	250	712	22	0.74	91.9	1.1	5.4	2.2	38	859	3440
HJP450C-10	280	710	24	0.76	92.0	1.0	5.2	2.2	38	852	3550
HJP450D-10	315	710	26	0.76	92.3	1.0	5.0	2.1	40	782	3650
HJP450E-10	355	710	30	0.76	92.5	1.0	5.0	2.1	43	1161	3780
HJP500A-10	400	710	32	0.78	92.7	1.0	5.6	2.2	60	1335	4380
HJP500B-10	450	710	36	0.78	93.0	0.9	5.5	2.2	67	1590	4520
HJP500C-10	500	710	40	0.77	93.1	0.9	5.5	2.2	73	1717	4800
HJP500D-10	560	710	44	0.78	93.4	0.9	5.5	2.1	80	1948	5110
HJP560A-10	630	710	48	0.81	94.1	0.9	5.0	2.3	125	2312	6000
HJP560B-10	710	710	54	0.81	94.3	0.8	5.0	2.2	132	2632	6200
HJP560C-10	800	710	60	0.81	94.4	0.9	4.9	2.2	141	2941	6300
HJP560D-10	900	710	67	0.82	94.6	0.8	4.9	2.1	159	3369	6500
HJP630A-10	1000	710	73	0.84	94.7	0.7	5.3	2.0	210	3500	7500
HJP630B-10	1120	710	81	0.84	94.9	0.8	5.4	2.0	240	3900	7800
HJP630C-10	1250	712	92	0.83	95.0	0.8	5.2	2.1	270	4300	8100
HJP630D-10	1400	710	101	0.84	95.2	0.8	5.2	2.0	305	4800	8600
HJP630E-10	1600	710	117	0.83	95.4	0.8	5.4	2.2	340	5300	9100
HJP710A-10	1800	714	134	0.81	95.6	0.8	5.3	2.4	370	7020	11890
HJP710B-10	2000	715	149	0.81	95.6	0.8	5.6	2.5	425	8090	12410
HJP710C-10	2240	715	167	0.81	95.7	0.8	5.3	2.4	530	11270	13200
HJP800A-10	2500	715	185	0.81	96.1	0.8	5.4	2.4	570	12150	17100
HJP800B-10	2800	714	207	0.82	96.1	0.8	5.3	2.4	620	13050	17980
HJP900A-10	3150	714	231	0.82	96.2	0.8	4.9	2.2	680	13160	21410
HJP900B-10	3550	714	260	0.82	96.3	0.7	4.8	2.1	750	14160	22050
HJP900C-10	4000	714	292	0.82	96.4	0.7	4.7	2.1	840	15210	23310
HJP1000A-10	4500	715	329	0.84	96.4	0.6	5.1	2.2	1420	18120	26130
HJP1000B-10	5000	715	352	0.85	96.5	0.6	4.8	2.1	1500	18120	26910
HJP1000C-10	5600	715	399	0.84	96.5	0.6	5.2	2.3	1650	20270	27670
HJP1000D-10	6300	715	444	0.85	96.5	0.6	4.9	2.2	1780	22560	28540
HJP1000E-10	7100	715	499	0.85	96.6	0.6	4.9	2.1	1930	23910	29490
HJP1120A-10	8000	715	555	0.86	96.7	0.6	4.9	2.1	2330	24510	36140
HJP1120B-10	9000	715	625	0.86	96.7	0.6	4.8	2.0	2460	25440	37040
HJP1120C-10	10000	715	693	0.86	96.8	0.6	4.7	2.0	2660	27170	38100
HJP1120D-10	11200	715	768	0.87	96.8	0.6	4.7	2.0	2850	29680	39260

HOFFMANN TECHNICS AG

DREHSTROM-HOCHSPANNUNGS-MOTOREN

Kühlart: IC01, Luftgekühlt, Tropfwassergeschützt

THREE - PHASE HIGH VOLTAGE MOTORS

Cooling Method: IC01, Open-drip proof Air cooled

MOTEURS DE HAUTE TENSION DE TROIS PHASE

Méthode de refroidissement IC01, refroidisseur à air ouverte au goutte à goutte

13.8kV - 60 Hz - CL F - IP55

Typ Type Type	Nenn-leistung Rated output Puissance nominale	Nenn-drehzahl Rated speed Vitesse nominale	N-strom 13.8kV Current 13.8kV Intensité 13.8kV	Leistungs-faktor Power factor Facteur de puissance	Wirkungs-grad Efficiency % Rendement %	Anzugs-moment Relative torque Couple démarrage	Anzugs-strom Relative current Courant démarrage	Kipp-moment B-down Torque Couple maximal	Trägheits-moment kg m2 Moment of inertia kg m2 Moment d'inertie kg m2		Gewicht Weight Masse
	kW	1/min	A	cos Φ	%	Ma/Mn	Ia/In	MK/MN	Motor	J Load	kg
12 Polig / 12 Pole											
HJP500A-12	220	594	19	0.74	91.7	1.1	5.3	2.4	57	1108	4420
HJP500B-12	250	594	21	0.75	92.0	1.0	5.1	2.3	62	1285	4530
HJP500C-12	280	594	23	0.75	92.2	1.0	5.1	2.3	67	1529	4640
HJP500D-12	315	594	27	0.74	92.3	1.1	5.1	2.4	71	1621	4740
HJP500E-12	355	594	30	0.75	92.5	1.1	5.1	2.3	81	1835	4950
HJP560A-12	400	592	32	0.78	93.2	0.8	4.2	1.9	123	2893	5600
HJP560B-12	450	593	36	0.78	93.6	0.8	4.2	1.9	133	3603	5800
HJP560C-12	500	593	40	0.77	93.7	0.8	4.4	2.0	142	3940	6000
HJP560D-12	560	593	46	0.75	93.8	0.9	4.7	2.1	152	4000	6200
HJP560E-12	630	593	50	0.77	93.8	0.8	4.2	1.9	162	4490	6400
HJP560F-12	710	593	57	0.76	94.0	0.8	4.4	2.0	170	4650	6600
HJP630A-12	800	594	61	0.80	94.5	0.8	5.1	2.0	277	4750	7600
HJP630B-12	900	594	69	0.80	94.6	0.8	5.2	2.0	288	5000	7900
HJP630C-12	1000	595	76	0.80	94.7	0.9	5.2	2.2	300	6050	8200
HJP630D-12	1120	594	87	0.80	94.9	0.9	5.4	2.1	325	7080	8700
HJP710A-12	1250	595	97	0.78	95.2	0.9	5.8	3.0	290	8050	11700
HJP710B-12	1400	595	109	0.78	95.3	1.0	6.1	3.1	330	9080	12000
HJP710C-12	1600	595	124	0.78	95.3	0.9	5.9	3.0	360	10050	12800
HJP800A-12	1800	595	138	0.79	95.7	0.9	5.7	2.7	560	11270	16500
HJP800B-12	2000	595	154	0.79	95.7	1.0	5.7	2.7	600	12220	17320
HJP800C-12	2240	595	171	0.79	95.8	0.9	5.7	2.6	660	13250	17980
HJP900A-12	2500	595	184	0.82	95.8	0.9	5.9	2.7	920	12630	21040
HJP900B-12	2800	595	206	0.82	95.8	0.9	6.0	2.8	1000	14200	22000
HJP900C-12	3150	595	228	0.83	95.9	0.8	5.3	2.3	1460	22160	23100
HJP1000A-12	3550	595	260	0.82	96.3	0.8	5.3	2.3	1570	23280	25600
HJP1000B-12	4000	595	292	0.83	96.3	0.8	5.2	2.2	1720	24200	26360
HJP1000C-12	4500	595	325	0.83	96.4	0.8	5.4	2.3	1880	26030	27200
HJP1000D-12	5000	595	361	0.83	96.4	0.9	5.6	2.3	2080	30650	28340
HJP1120A-12	5600	595	399	0.84	96.5	0.6	5.1	2.2	2465	31440	36020
HJP1120B-12	6300	595	449	0.84	96.5	0.7	5.1	2.2	2620	32440	37200
HJP1120C-12	7100	595	506	0.84	96.5	0.7	5.1	2.2	2840	33850	38610
HJP1120D-12	8000	595	569	0.84	96.6	0.7	5.1	2.2	3130	34680	39600

HOFFMANN TECHNICS AG

DREHSTROM-HOCHSPANNUNGS-MOTOREN

Kühlart: IC01, Luftgekühlt, Tropfwassergeschützt

THREE - PHASE HIGH VOLTAGE MOTORS

Cooling Method: IC01, Open-drip proof Air cooled

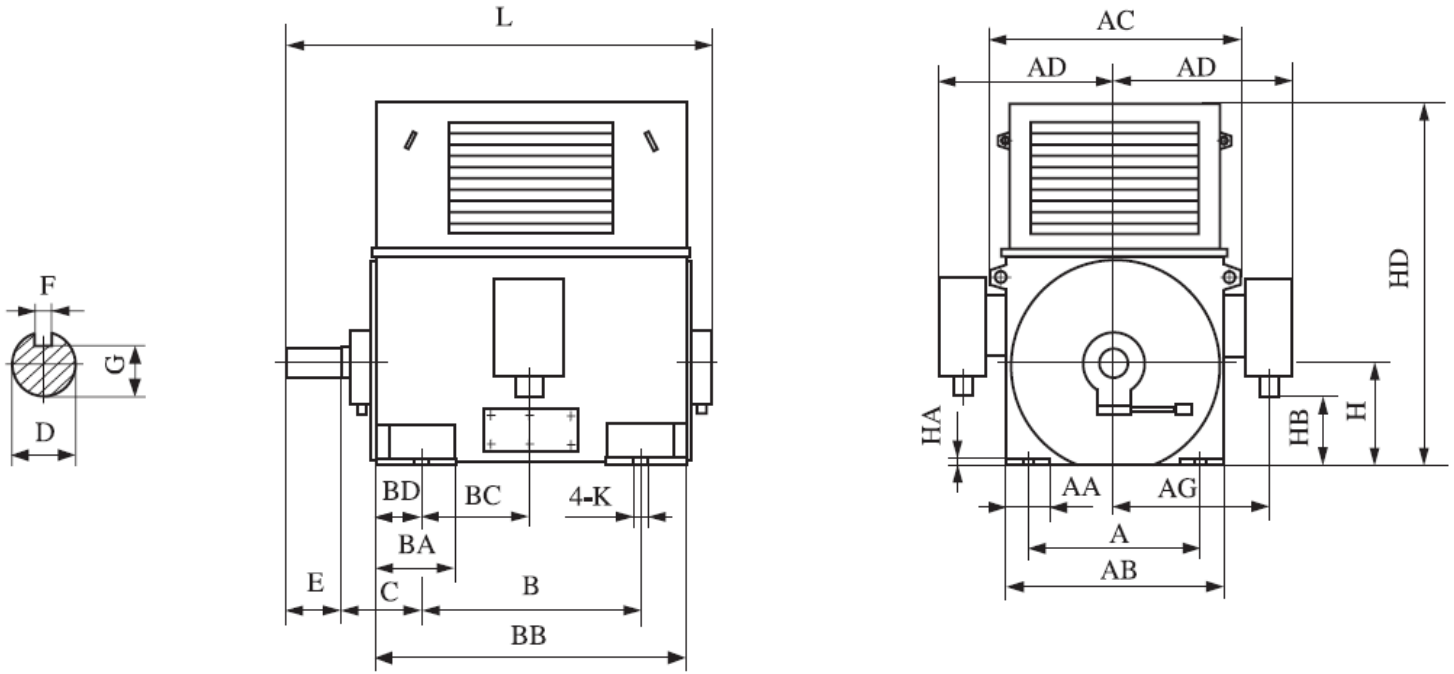
MOTEURS DE HAUTE TENSION DE TROIS PHASE

Méthode de refroidissement IC01, refroidisseur à air ouverte au goutte à goutte

13.8kV - 60 Hz - CL F - IP55

Typ Type Type	Nenn-leistung Rated output Puissance nominale	Nenn-drehzahl Rated speed Vitesse nominale	N-strom 13.8kV Current 13.8kV Intensité 13.8kV	Leistungs-faktor Power factor Facteur de puissance	Wirkungs-grad Efficiency % Rendement %	Anzugs-moment Relative torque Couple démarrage	Anzugs-strom Relative current Courant démarrage	Kipp-moment B-down Torque Couple maximal	Trägheits-moment kg m2 Moment of inertia kg m2 Moment d'inertie kg m2		Gewicht Weight Masse
	kW	1/min	A	cos Φ	%	Ma/Mn	Ia/In	MK/MN	Motor	J Load	kg
16 Polig / 16 Pole											
HJP710A-16	710	442	60	0.72	93.4	0.9	5.4	2.3	310	12140	11780
HJP710B-16	800	442	67	0.72	93.5	1.0	5.6	2.3	353	13460	12310
HJP710C-16	900	442	76	0.71	93.5	1.1	5.9	2.3	398	14830	12640
HJP710D-16	1000	443	85	0.71	93.6	1.1	5.8	2.5	456	16330	12990
HJP800A-16	1120	443	96	0.72	93.7	0.9	5.1	2.6	620	21340	16570
HJP800B-16	1250	443	107	0.72	93.7	0.9	5.1	2.6	660	23050	16880
HJP800C-16	1400	444	120	0.72	93.8	0.9	5.1	2.4	730	24750	17450
HJP900A-16	1600	444	133	0.74	94.2	0.9	5.0	2.5	920	19310	20750
HJP900B-16	1800	444	149	0.74	94.3	0.9	5.0	2.5	1000	20880	21200
HJP900C-16	2000	444	169	0.73	94.3	0.9	5.2	2.6	1090	23260	21860
HJP1000A-16	2240	444	177	0.77	94.7	0.8	4.8	2.2	1390	36440	24800
HJP1000B-16	2500	444	197	0.77	94.7	0.8	4.8	2.2	1550	38290	25350
HJP1000C-16	2800	444	220	0.77	94.8	0.9	4.9	2.2	1750	42840	26030
HJP1000D-16	3150	445	248	0.77	94.9	0.9	5.1	2.3	1960	46510	26820
HJP1000E-16	3550	445	279	0.77	95.2	1.0	5.6	2.4	2110	50510	27460
HJP1120A-16	4000	445	309	0.78	95.7	0.8	5.1	2.3	2375	63530	31220
HJP1120B-16	4500	445	348	0.78	95.7	0.8	5.0	2.2	2520	63530	31890
HJP1120C-16	5000	445	381	0.79	95.9	0.8	4.8	2.1	2815	64370	32770
HJP1120D-16	5600	445	422	0.80	95.9	0.8	4.8	2.1	3035	65500	33610

Overall mounting dimensions for HJP (13.8kV) series of high-voltage three-phase induction motors. (with top cover)



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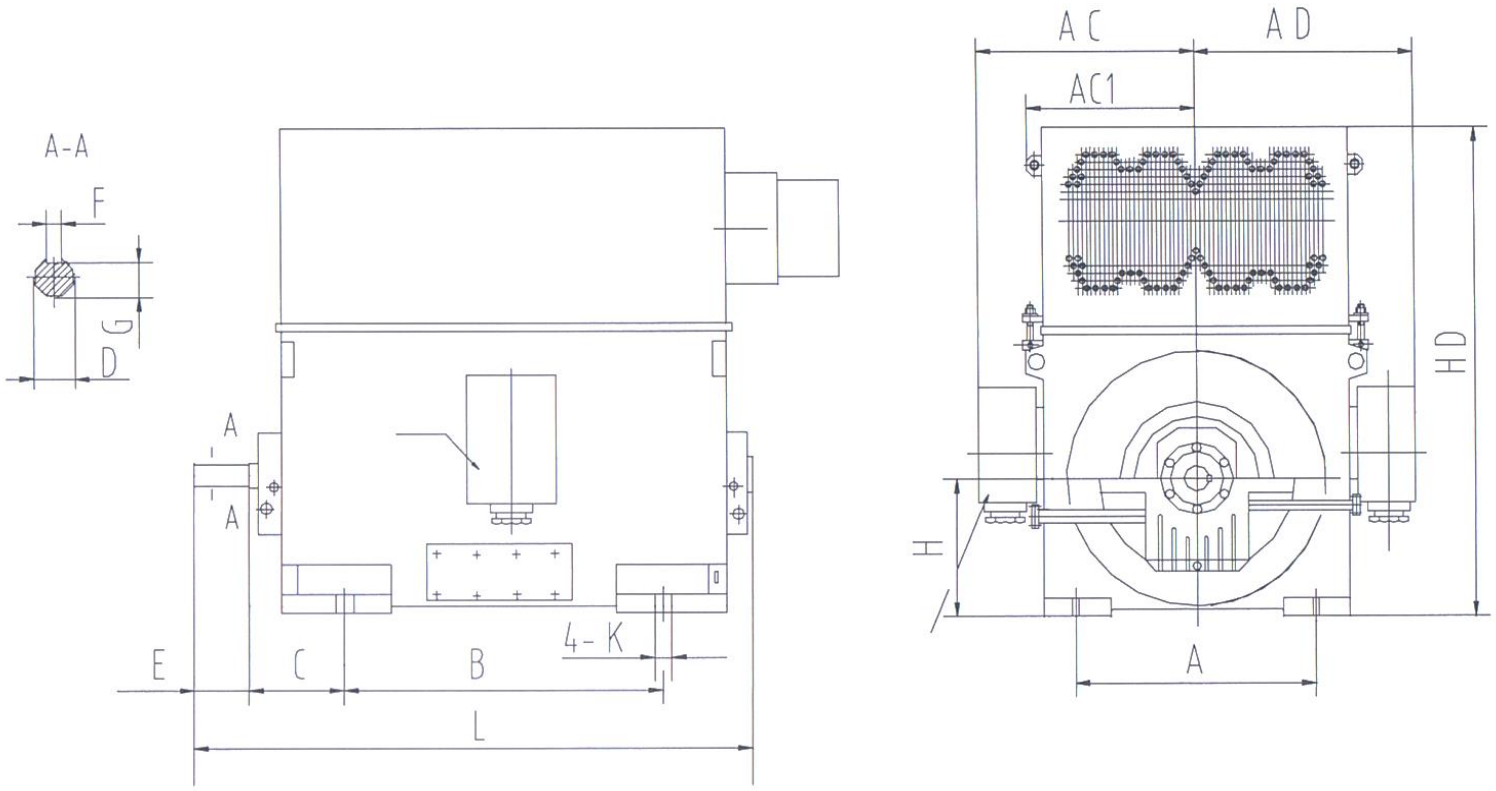
Frame	A	AA	AB	AC	AD	AG	B	BA	BB	BC	BD	C	D	E	F	G	H	HA	HB	HD	K	L
HJP450 2	800	208	980	1180	990	660	1120	620	1620	509	301	400	90	170	25	81	450	40	140	1320	35	2000
HJP450 4	800	208	980	1180	840	685	1120	620	1620	548	262	355	120	210	32	109	450	40	200	1320	35	2000
HJP450 6-12	800	208	980	1180	840	685	1120	620	1620	548	262	355	130	250	32	119	450	40	200	1320	35	2040
HJP500 2	900	208	1120	1320	1060	830	1250	660	1730	495	370	560	100	210	28	90	500	40	240	1510	42	2350
HJP500 4	900	208	1120	1320	910	755	1250	660	1730	510	355	475	130	250	32	119	500	40	320	1510	42	2200
HJP500 6-12	900	208	1120	1320	910	755	1250	660	1730	510	355	475	140	250	36	128	500	40	320	1510	42	2200
HJP560 2	1000	210	1220	1460	1110	880	1400	720	1860	585	345	560	130	250	32	119	560	40	280	1760	42	2650
HJP560 4	1000	210	1220	1460	1110	880	1400	720	1860	570	360	500	150	250	36	138	560	40	290	1750	42	2400
HJP560 6-12	1000	210	1220	1460	960	805	1400	720	1860	570	360	500	160	300	40	147	560	40	348	1750	42	2400
HJP630 2	1120	210	1260	1500	1135	975	1600	670	2000	710	290	560	140	250	36	128	630	40	480	1920	48	2750
HJP630 4	1120	210	1260	1500	1135	975	1600	670	2000	740	260	530	170	300	40	157	630	40	480	1920	48	2800
HJP630 6-12	1120	210	1260	1500	1135	975	1600	670	2000	740	260	530	180	300	45	165	630	40	480	1920	48	2800

Overall mounting dimensions for HJP (13.8kV) series of high-voltage three-phase induction motors. (with Heat Exchanger)



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Frame	A	B	C	D	E	F	G	H	K	AC	AC1	AD	HD	L
HJP710 2	1400	1600	530	160	300	40	147	710	56	1370	990	1310	2220	3200
HJP710 4-16	1400	1800	530	200	350	45	185	710	56	1370	990	1310	2220	3200
HJP800 2	1600	1800	530	180	300	45	165	800	56	1460	1080	1400	2600	3420
HJP800 4-16	1600	2000	530	220	350	50	203	800	56	1460	1080	1400	2600	3420
HJP900	1800	2240	600	250	410	56	230	900	66	1560	1250	1500	3000	3650
HJP1000	2000	2500	600	280	470	63	26	1000	66	1660	1350	1600	3400	3980