

Technical data — HDP-motors, IP54 series

Axial fan, H100

Rated voltage 400V/370V, [H100 IP54]

Duty	S1 400 V								S1 370 V							
Product code	Power P _N kW	Nomi- nal speed n _N r/min	Max. speed at const P n _{max} r/min	Freq. f _N Hz	Torque T _N Nm	Current I _N A	Power factor cos φ	Eff. %	Power P _N kW	Nomi- nal speed n _N r/min	Max. speed at const P n _{max} r/min	Freq. f _N Hz	Torque T _N Nm	Current I _N A	Torque T _{max} / T _N	Inertia J kgm ²
M3EB 100A 6																
3GEB103711-HDA	2.0	1000	2000	52.5	19.1	5.4	0.647	82.7	1.9	925	1850	48.6	19.1	5.4	2.28	0.0144
3GEB103712-HDA	3.0	1500	3000	77.4	19.1	7.9	0.629	86.8	2.8	1388	2775	71.6	19.1	7.9	2.44	
3GEB103714-HDA	4.0	2000	4000	102.4	19.1	10.2	0.636	88.7	3.7	1850	3700	94.7	19.1	10.2	2.45	
3GEB103716-HDA	5.0	3000	6000	152.2	15.9	12.7	0.626	91.0	4.6	2775	5550	140.8	15.9	12.7	2.77	
3GEB103718-HDA	6.0	4000	8000	202.3	14.3	15.4	0.613	91.8	5.6	3700	7400	187.1	14.3	15.4	2.85	
M3EB 100B 6																
3GEB103721-HDA	2.7	1000	2000	52.4	25.8	7.1	0.649	84.1	2.5	925	1850	48.5	25.8	7.1	2.30	0.0181
3GEB103722-HDA	4.0	1500	3000	77.3	25.5	10.3	0.636	87.9	3.7	1388	2775	71.5	25.5	10.3	2.45	
3GEB103724-HDA	5.3	2000	4000	102.3	25.3	13.4	0.634	89.6	4.9	1850	3700	94.6	25.3	13.4	2.51	
3GEB103726-HDA	6.7	3000	6000	152.1	21.3	17.1	0.619	91.5	6.2	2775	5550	140.7	21.3	17.1	2.83	
3GEB103728-HDA	8.2	4000	8000	202.1	19.6	21.2	0.605	92.2	7.6	3700	7400	186.9	19.6	21.2	2.94	
M3EB 100C 6																
3GEB103731-HDA	3.7	1000	2000	52.3	35.4	9.5	0.659	85.0	3.4	925	1850	48.4	35.4	9.5	2.27	0.0232
3GEB103732-HDA	5.4	1500	3000	77.2	34.4	13.7	0.641	88.6	5.0	1388	2775	71.4	34.4	13.7	2.46	
3GEB103734-HDA	7.2	2000	4000	102.3	34.4	17.8	0.647	90.3	6.7	1850	3700	94.6	34.4	17.8	2.46	
3GEB103736-HDA	9.4	3000	6000	152.0	29.9	23.4	0.630	92.0	8.7	2775	5550	140.6	29.9	23.4	2.75	
3GEB103738-HDA	11.3	4000	8000	202.2	27.0	27.8	0.632	92.7	10.5	3700	7400	187.0	27.0	27.8	2.77	
M3EB 100D 6																
3GEB103741-HDA	5.0	1000	2000	52.3	47.7	12.5	0.667	86.4	4.6	925	1850	48.4	47.7	12.5	2.3	0.0305
3GEB103742-HDA	7.4	1500	3000	77.2	47.1	18.4	0.650	89.4	6.8	1388	2775	71.4	47.1	18.4	2.44	
3GEB103744-HDA	9.7	2000	4000	102.2	46.3	23.5	0.654	91.0	9.0	1850	3700	94.5	46.3	23.5	2.46	
3GEB103746-HDA	12.6	3000	6000	151.9	40.1	31.2	0.631	92.4	11.7	2775	5550	140.5	40.1	31.2	2.8	
3GEB103748-HDA	15.3	4000	8000	202.0	36.5	38.9	0.611	92.9	14.2	3700	7400	186.9	36.5	38.9	2.98	
M3EB 100E 6																
3GEB103751-HDA	6.0	1000	2000	52.2	57.3	15.0	0.665	86.6	5.6	925	1850	48.3	57.3	15.0	2.33	0.0363
3GEB103752-HDA	9.0	1500	3000	77.1	57.3	22.2	0.654	89.7	8.3	1388	2775	71.3	57.3	22.2	2.44	
3GEB103754-HDA	11.7	2000	4000	102.1	55.9	28.5	0.649	91.2	10.8	1850	3700	94.4	55.9	28.5	2.50	
3GEB103756-HDA	15.0	3000	6000	151.9	47.7	36.5	0.640	92.6	13.9	2775	5550	140.5	47.7	36.5	2.81	
3GEB103758-HDA	18.0	4000	8000	202.0	43.0	44.5	0.627	93.1	16.7	3700	7400	186.9	43.0	44.5	2.89	
M3EB 100F 6																
3GEB103761-HDA	7.4	1000	2000	52.3	70.6	18.1	0.677	86.9	6.8	925	1850	48.4	70.6	18.1	2.24	0.0429
3GEB103762-HDA	11.0	1500	3000	77.1	70.1	26.9	0.657	89.9	10.2	1388	2775	71.3	70.1	26.9	2.41	
3GEB103764-HDA	14.2	2000	4000	102.2	67.8	33.7	0.665	91.4	13.1	1850	3700	94.5	67.8	33.7	2.43	
3GEB103766-HDA	18.0	3000	6000	151.9	57.3	43.8	0.639	92.7	16.7	2775	5550	140.5	57.3	43.8	2.82	
3GEB103768-HDA	20.5	4000	8000	202.0	48.9	49.8	0.637	93.3	19.0	3700	7400	186.9	48.9	49.8	2.87	

Type designation and product code example: M3EB 100A 6, 3GEB103711-HDA

Technical data — HDP-motors, IP54 series

Axial fan, H100

Rated Voltage 460V/430V, [H100 IP54]

Duty	S1 460 V								S1 430 V							
Product code	Power P_N kW	Nomi- nal speed n_N r/min	Max. speed at const P n_{max} r/min	Freq. f_N Hz	Torque T_N Nm	Current I_N A	Power factor $\cos \varphi$	Eff. %	Power P_N kW	Nomi- nal speed n_N r/min	Max. speed at const P n_{max} r/min	Freq. f_N Hz	Torque T_N Nm	Current I_N A	Torque T_{max} / T_N	Inertia J kgm ²
M3EB 100A 6																
3GEB103711-HXA	2.0	1000	2000	52.5	19.1	4.7	0.648	82.7	1.9	935	1870	49.1	19.1	4.7	2.27	0.0144
3GEB103712-HXA	3.0	1500	3000	77.3	19.1	7.1	0.613	86.6	2.8	1402	2804	72.3	19.1	7.1	2.49	
3GEB103714-HXA	4.0	2000	4000	102.5	19.1	8.8	0.640	89.0	3.7	1870	3739	95.8	19.1	8.8	2.43	
3GEB103716-HXA	5.0	3000	6000	152.2	15.9	11.0	0.628	91.0	4.7	2804	5609	142.3	15.9	11.0	2.75	
3GEB103718-HXA	6.0	4000	8000	202.3	14.3	13.4	0.611	91.8	5.6	3739	7478	189.1	14.3	13.4	2.87	
M3EB 100B 6																
3GEB103721-HXA	2.7	1000	2000	52.4	25.8	6.2	0.646	84.1	2.5	935	1870	49.0	25.8	6.2	2.32	0.0181
3GEB103722-HXA	4.0	1500	3000	77.3	25.5	9.1	0.630	87.8	3.7	1402	2804	72.3	25.5	9.1	2.47	
3GEB103724-HXA	5.3	2000	4000	102.4	25.3	11.4	0.647	89.8	5.0	1870	3739	95.7	25.3	11.4	2.42	
3GEB103726-HXA	6.7	3000	6000	152.1	21.3	14.7	0.624	91.6	6.3	2804	5609	142.2	21.3	14.7	2.80	
3GEB103728-HXA	8.2	4000	8000	202.1	19.6	18.7	0.597	92.1	7.7	3739	7478	188.9	19.6	18.7	3.00	
M3EB 100C 6																
3GEB103731-HXA	3.7	1000	2000	52.3	35.4	8.3	0.657	85.2	3.5	935	1870	48.9	35.4	8.3	2.29	0.0232
3GEB103732-HXA	5.4	1500	3000	77.1	34.4	12.5	0.614	88.4	5.0	1402	2804	72.1	34.4	12.5	2.56	
3GEB103734-HXA	7.2	2000	4000	102.2	34.4	15.6	0.641	90.3	6.7	1870	3739	95.5	34.4	15.6	2.50	
3GEB103736-HXA	9.4	3000	6000	152.0	29.9	20.4	0.627	92.0	8.8	2804	5609	142.1	29.9	20.4	2.76	
3GEB103738-HXA	11.3	4000	8000	202.2	27.0	24.3	0.628	92.7	10.6	3739	7478	189.0	27.0	24.3	2.80	
M3EB 100D 6																
3GEB103741-HXA	5.0	1000	2000	52.2	47.8	11.0	0.659	86.2	4.7	935	1870	48.8	47.8	11.0	2.33	0.0305
3GEB103742-HXA	7.4	1500	3000	77.2	47.1	16.1	0.647	89.3	6.9	1402	2804	72.2	47.1	16.1	2.46	
3GEB103744-HXA	9.7	2000	4000	102.1	46.3	20.7	0.645	90.9	9.1	1870	3739	95.4	46.3	20.7	2.52	
3GEB103746-HXA	12.6	3000	6000	152.0	40.1	26.8	0.639	92.4	11.8	2804	5609	142.1	40.1	26.8	2.77	
3GEB103748-HXA	15.3	4000	8000	202.0	36.5	34.1	0.607	92.9	14.3	3739	7478	188.8	36.5	34.1	3.01	
M3EB 100E 6																
3GEB103751-HXA	6.0	1000	2000	52.1	57.3	13.3	0.652	86.6	5.6	935	1870	48.7	57.3	13.3	2.39	0.0363
3GEB103752-HXA	9.0	1500	3000	77.1	57.3	19.3	0.653	89.7	8.4	1402	2804	72.1	57.3	19.3	2.44	
3GEB103754-HXA	11.7	2000	4000	102.1	55.9	25.0	0.643	91.2	10.9	1870	3739	95.4	55.9	25.0	2.53	
3GEB103756-HXA	15.0	3000	6000	151.9	47.8	31.1	0.653	92.7	14.0	2804	5609	142.0	47.8	31.1	2.75	
3GEB103758-HXA	18.0	4000	8000	202.0	43.0	38.0	0.637	93.2	16.8	3739	7478	188.8	43.0	38.0	2.82	
M3EB 100F 6																
3GEB103761-HXA	7.4	1000	2000	52.2	70.7	15.9	0.671	87.1	6.9	935	1870	48.8	70.7	15.9	2.29	0.0429
3GEB103762-HXA	11.0	1500	3000	77.1	70.0	23.8	0.644	89.9	10.3	1402	2804	72.1	70.0	23.8	2.48	
3GEB103764-HXA	14.2	2000	4000	102.2	67.8	29.1	0.668	91.4	13.3	1870	3739	95.5	67.8	29.1	2.41	
3GEB103766-HXA	18.0	3000	6000	151.9	57.3	37.3	0.652	92.8	16.8	2804	5609	142.0	57.3	37.3	2.77	
3GEB103768-HXA	20.5	4000	8000	202.0	48.9	43.1	0.639	93.3	19.2	3739	7478	188.8	48.9	43.1	2.85	

Type designation and product code example: M3EB 100A 6, 3GEB103711-HXA