

Technical data — HDP-motors, IP54 series

Axial fan, H160

Rated voltage 400V/370V, [H160 IP54]

Duty	S1 400 V								S1 370 V							
	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
Product code																
M3EB 160A 4																
3GEB162710-HDA	11.0	500	1250	17.6	210	25.3	0.766	82.0	10.2	463	1156	16.3	210	25.3	2.92	0.24
3GEB162711-HDA	21.4	1000	2500	34.2	205	43.5	0.792	89.6	19.8	925	2313	31.6	205	43.5	3.26	
3GEB162712-HDA	30.0	1500	3750	50.9	191	57.8	0.811	92.2	27.8	1388	3469	47.1	191	57.8	3.50	
3GEB162714-HDA	36.0	2000	5000	67.5	172	68.2	0.816	93.4	33.3	1850	4625	62.4	172	68.2	3.62	
3GEB162716-HDA	46.0	3000	7500	100.8	147	83.2	0.844	94.5	42.6	2775	6938	93.2	147	83.2	3.76	
M3EB 160B 4																
3GEB162720-HDA	13.5	500	1250	17.5	258	29.7	0.786	83.3	12.5	463	1156	16.2	258	29.7	3.00	0.28
3GEB162721-HDA	26.4	1000	2500	34.2	252	52.6	0.801	90.3	24.4	925	2313	31.6	252	52.6	3.39	
3GEB162722-HDA	37.0	1500	3750	50.8	236	70.7	0.815	92.6	34.2	1388	3469	47.0	236	70.7	3.50	
3GEB162724-HDA	45.1	2000	5000	67.5	215	84.7	0.820	93.7	41.7	1850	4625	62.4	215	84.7	3.72	
3GEB162726-HDA	56.0	3000	7500	100.9	178	97.2	0.877	94.7	51.8	2775	6938	93.3	178	97.2	3.65	
M3EB 160C 4																
3GEB162730-HDA	16.3	500	1250	17.5	311	34.4	0.807	84.6	15.1	463	1156	16.2	311	34.4	3.10	0.34
3GEB162731-HDA	31.7	1000	2500	34.2	302	60.6	0.830	90.8	29.3	925	2313	31.6	302	60.6	3.38	
3GEB162732-HDA	45.0	1500	3750	50.8	286	85.1	0.821	93.0	41.6	1388	3469	47.0	286	85.1	3.43	
3GEB162734-HDA	54.4	2000	5000	67.4	260	100.5	0.831	94.0	50.3	1850	4625	62.3	260	100.5	3.82	
3GEB162736-HDA	69.0	3000	7500	100.9	220	118.4	0.886	94.9	63.8	2775	6938	93.3	220	118.4	3.65	
M3EB 160D 4																
3GEB162740-HDA	19.2	500	1250	17.5	367	39.2	0.826	85.4	17.8	463	1156	16.2	367	39.2	3.13	0.40
3GEB162741-HDA	37.3	1000	2500	34.2	356	70.2	0.840	91.2	34.5	925	2313	31.6	356	70.2	3.33	
3GEB162742-HDA	52.7	1500	3750	50.8	335	99.2	0.822	93.2	48.7	1388	3469	47.0	335	99.2	3.45	
3GEB162744-HDA	64.6	2000	5000	67.4	309	119.3	0.830	94.1	59.8	1850	4625	62.3	309	119.3	3.73	
3GEB162746-HDA	80.0	3000	7500	100.8	255	137.3	0.885	95.0	74.0	2775	6938	93.2	255	137.3	3.62	
M3EB 160E 4																
3GEB162750-HDA	22.0	500	1250	17.4	420	47.3	0.782	85.6	20.4	463	1156	16.1	420	47.3	3.13	0.46
3GEB162751-HDA	42.0	1000	2500	34.1	401	78.8	0.840	91.5	38.9	925	2313	31.5	401	78.8	3.29	
3GEB162752-HDA	59.0	1500	3750	50.8	375	107.8	0.845	93.4	54.6	1388	3469	47.0	375	107.8	3.35	
3GEB162754-HDA	72.0	2000	5000	67.4	344	134.7	0.819	94.2	66.6	1850	4625	62.3	344	134.7	3.88	
3GEB162756-HDA	92.0	3000	7500	100.8	293	156.6	0.891	95.1	85.1	2775	6938	93.2	293	156.6	3.58	

Type designation and product code example: M3EB 160A 4, 3GEB162710-HDA

Technical data — HDP-motors, IP54 series

Axial fan, H160

Rated Voltage 460V/430V, [H160 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 160A 4																
3GEB162710-HXA	11.0	500	1250	17.6	210	21.5	0.779	82.3	10.3	467	1168	16.5	210	21.5	2.90	0.24
3GEB162711-HXA	21.4	1000	2500	34.2	205	37.8	0.792	89.6	20.0	935	2337	32.0	205	37.8	3.36	
3GEB162712-HXA	30.0	1500	3750	50.9	191	50.6	0.807	92.2	28.0	1402	3505	47.6	191	50.6	3.40	
3GEB162714-HXA	36.0	2000	5000	67.5	172	57.5	0.841	93.5	33.7	1870	4674	63.1	172	57.5	3.50	
3GEB162716-HXA	46.0	3000	7500	100.9	146	70.6	0.865	94.5	43.0	2804	7011	94.3	146	70.6	3.66	
M3EB 160B 4																
3GEB162720-HXA	13.5	500	1250	17.6	257	25.1	0.806	83.5	12.6	467	1168	16.5	257	25.1	2.93	0.28
3GEB162721-HXA	26.4	1000	2500	34.2	252	45.7	0.803	90.3	24.7	935	2337	32.0	252	45.7	3.37	
3GEB162722-HXA	37.0	1500	3750	50.9	235	59.8	0.838	92.7	34.6	1402	3505	47.6	235	59.8	3.54	
3GEB162724-HXA	45.1	2000	5000	67.5	215	72.4	0.833	93.8	42.2	1870	4674	63.1	215	72.4	3.61	
3GEB162726-HXA	56.0	3000	7500	100.9	178	84.3	0.879	94.8	52.3	2804	7011	94.3	178	84.3	3.63	
M3EB 160C 4																
3GEB162730-HXA	16.3	500	1250	17.5	311	29.8	0.812	84.5	15.2	467	1168	16.4	311	29.8	3.07	0.34
3GEB162731-HXA	31.7	1000	2500	34.2	302	53.0	0.826	90.8	29.6	935	2337	32.0	302	53.0	3.32	
3GEB162732-HXA	45.0	1500	3750	50.8	286	73.3	0.828	93.0	42.1	1402	3505	47.5	286	73.3	3.47	
3GEB162734-HXA	54.4	2000	5000	67.4	260	87.1	0.834	94.0	50.9	1870	4674	63.0	260	87.1	3.79	
3GEB162736-HXA	69.0	3000	7500	100.9	220	103	0.886	94.9	64.5	2804	7011	94.3	220	103.0	3.65	
M3EB 160D 4																
3GEB162740-HXA	19.2	500	1250	17.5	367	33.9	0.832	85.3	17.9	467	1168	16.4	367	33.9	3.09	0.40
3GEB162741-HXA	37.3	1000	2500	34.2	356	60.1	0.853	91.2	34.9	935	2337	32.0	356	60.1	3.33	
3GEB162742-HXA	52.7	1500	3750	50.7	336	87.2	0.814	93.1	49.3	1402	3505	47.4	336	87.2	3.71	
3GEB162744-HXA	64.6	2000	5000	67.5	308	100.8	0.854	94.2	60.4	1870	4674	63.1	308	100.8	3.79	
3GEB162746-HXA	80.0	3000	7500	100.8	255	118.3	0.893	95.0	74.8	2804	7011	94.2	255	118.3	3.71	
M3EB 160E 4																
3GEB162750-HXA	22.0	500	1250	17.4	421	40.5	0.793	85.8	20.6	467	1168	16.3	421	40.5	3.10	0.46
3GEB162751-HXA	42.0	1000	2500	34.1	401	69.0	0.834	91.6	39.3	935	2337	31.9	401	69.0	3.46	
3GEB162752-HXA	59.0	1500	3750	50.8	375	92.8	0.853	93.5	55.2	1402	3505	47.5	375	92.8	3.68	
3GEB162754-HXA	72.0	2000	5000	67.4	344	116.2	0.825	94.2	67.3	1870	4674	63.0	344	116.2	3.81	
3GEB162756-HXA	92.0	3000	7500	100.8	293	137.0	0.886	95.1	86.0	2804	7011	94.2	293	137.0	3.62	

Type designation and product code example: M3EB 160A 4, 3GEB162710-HXA