

Technical data — HDP-motors, IP54 series

Radial fan, H250

Rated voltage 400V/370V, [H250 IP54]

Duty	S1 400 V										S1 370 V									
Product code	Power	Nomi- nal speed	Max. speed at const	Freq.	Max freq. at const	Torque	Cur- rent	Power factor cos φ	Eff. %	Power	Nomi- nal speed	Max. speed at const	Freq.	Max freq. at const	Torque	Cur- rent	Torque T _{max} / T _n	Inertia J kgm ²		
	P _N kW	n _N r/min	n _{max} r/min	f _N Hz	f _{max} Hz	T _N Nm	I _N A			P _N kW	n _N r/min	n _{max} r/min	f _N Hz	f _{max} Hz	T _N Nm	I _N A				
M3EB 250A 4																				
3GEB252710-*DA	43	500	1000	17.1	34.3	822	81	0.854	90.0	39.8	463	925	15.8	31.7	822	81	2.62	2.12		
3GEB252711-*DA	85	1000	2000	33.8	67.7	812	152	0.862	93.9	78.6	925	1850	31.3	62.6	812	152	2.83			
3GEB252712-*DA	123	1500	3400	50.4	114.4	784	219	0.851	95.2	113.8	1388	3145	46.6	105.8	784	219	3.09			
3GEB252713-*DA	142	1750	4000	58.8	134.4	774	253	0.849	95.5	131.4	1619	3700	54.4	124.3	774	253	3.17			
3GEB252714-*DA	160	2000	4500	67.1	151.1	764	281	0.857	95.8	148.0	1850	4163	62.1	139.8	764	281	3.13			
3GEB252715-*DA	183	2500	5100	83.8	171.1	699	310	0.887	96.2	169.3	2313	4718	77.5	158.3	699	310	2.98			
M3EB 250B 4																				
3GEB252720-*DA	55	500	1000	17.1	34.2	1050	102	0.855	90.9	50.9	463	925	15.8	31.6	1050	102	2.73	2.55		
3GEB252721-*DA	105	1000	2400	33.7	81.1	1004	187	0.858	94.5	97.1	925	2220	31.2	75.0	1004	187	3.12			
3GEB252722-*DA	150	1500	3400	50.4	114.4	955	262	0.864	95.5	138.8	1388	3145	46.6	105.8	955	262	3.24			
3GEB252723-*DA	175	1750	4000	58.7	134.3	955	310	0.850	95.8	161.9	1619	3700	54.3	124.2	955	310	3.34			
3GEB252724-*DA	200	2000	4500	67.1	151.0	954	350	0.858	96.0	185.0	1850	4163	62.1	139.7	954	350	3.27			
3GEB252725-*DA	230	2500	5100	83.8	171.0	878	388	0.887	96.3	212.8	2313	4718	77.5	158.2	878	388	3.03			
M3EB 250C 4																				
3GEB252730-*DA	68	500	1100	17.0	37.6	1302	126	0.848	91.7	62.9	463	1018	15.7	34.8	1302	126	2.98	3.18		
3GEB252731-*DA	130	1000	2400	33.7	81.0	1241	232	0.853	94.7	120.3	925	2220	31.2	74.9	1241	232	3.29			
3GEB252732-*DA	183	1500	3500	50.4	117.6	1164	320	0.861	95.7	169.3	1388	3238	46.6	108.8	1164	320	3.41			
3GEB252733-*DA	202	1750	4000	58.7	134.4	1103	341	0.890	96.0	186.9	1619	3700	54.3	124.3	1103	341	3.21			
3GEB252734-*DA	220	2000	4450	67.0	149.3	1051	373	0.885	96.2	203.5	1850	4116	62.0	138.1	1051	373	3.41			
3GEB252735-*DA	255	2500	5100	83.7	170.8	974	432	0.884	96.4	235.9	2313	4718	77.4	158.0	974	432	3.45			
M3EB 250D 4																				
3GEB252740-*DA	77	500	1000	17.0	34.1	1474	140	0.865	92.1	71.2	463	925	15.7	31.5	1474	140	2.98	3.68		
3GEB252741-*DA	150	1000	2300	33.7	77.6	1432	261	0.874	95.0	138.8	925	2128	31.2	71.8	1432	261	3.28			
3GEB252742-*DA	218	1500	3600	50.3	120.9	1389	385	0.852	95.9	201.7	1388	3330	46.5	111.8	1389	385	3.59			
3GEB252743-*DA	245	1750	4100	58.7	137.5	1336	435	0.846	96.1	226.6	1619	3793	54.3	127.2	1336	435	3.77			
3GEB252744-*DA	270	2000	4300	67.0	144.2	1289	462	0.875	96.3	249.8	1850	3978	62.0	133.4	1289	462	3.48			
3GEB252745-*DA	320	2500	5200	83.7	174.1	1222	541	0.885	96.5	296.0	2313	4810	77.4	161.0	1222	541	3.43			
M3EB 250E 4																				
3GEB252750-*DA	87	500	1100	17.0	37.5	1662	160	0.850	92.4	80.5	463	1018	15.7	34.7	1662	160	3.19	4.12		
3GEB252751-*DA	163	1000	2300	33.7	77.6	1556	280	0.882	95.1	150.8	925	2128	31.2	71.8	1556	280	3.28			
3GEB252752-*DA	240	1500	3600	50.3	120.9	1529	417	0.865	96.0	222.0	1388	3330	46.5	111.8	1529	417	3.56			
3GEB252753-*DA	270	1750	4000	58.7	134.2	1473	462	0.877	96.2	249.8	1619	3700	54.3	124.1	1473	462	3.58			
3GEB252754-*DA	295	2000	4300	67.0	144.1	1409	504	0.877	96.4	272.9	1850	3978	62.0	133.3	1409	504	3.58			
3GEB252755-*DA	350	2500	5300	83.7	177.4	1336	598	0.875	96.6	323.8	2313	4903	77.4	164.1	1336	598	3.74			
M3EB 250F 4																				
3GEB252760-*DA	96	500	1100	17.0	37.5	1835	172	0.868	92.7	88.8	463	1018	15.7	34.7	1835	172	3.15	4.52		
3GEB252761-*DA	175	1000	2300	33.7	77.5	1670	303	0.876	95.3	161.9	925	2128	31.2	71.7	1670	303	3.47			
3GEB252762-*DA	260	1500	3600	50.3	120.8	1656	452	0.863	96.1	240.5	1388	3330	46.5	111.7	1656	452	3.65			
3GEB252763-*DA	300	1750	4000	58.7	134.1	1636	519	0.867	96.3	277.5	1619	3700	54.3	124.0	1636	519	3.65			
3GEB252764-*DA	323	2000	4300	67.0	144.1	1542	547	0.883	96.4	298.8	1850	3978	62.0	133.3	1542	547	3.52			
3GEB252765-*DA	385	2500	5000	83.7	167.5	1471	641	0.897	96.6	356.1	2313	4625	77.4	154.9	1471	641	3.38			

Type designation and product code example: M3EB 250A 4, 3GEB252710-*DA

Technical data — HDP-motors, IP54 series

Radial fan, H250

Rated voltage 460V/430V, [H250 IP54]

Duty	S1 460 V										S1 430 V									
Product code	Power	Nomi- nal speed	Max. speed at const	Freq.	Max freq. at const	Torque	Cur- rent	Power factor cos φ	Eff. %	Power	Nomi- nal speed	Max. speed at const	Freq.	Max freq. at const	Torque	Cur- rent	Torque T _{max} / T _n	Inertia J kgm ²		
	P _N kW	n _N r/min	n _{max} r/min	f _N Hz	f _{max} Hz	T _N Nm	I _N A			P _N kW	n _N r/min	n _{max} r/min	f _N Hz	f _{max} Hz	T _N Nm	I _N A				
M3EB 250A 4																				
3GEB252710-*XA	43	500	1000	17.1	34.3	822	70	0.854	90.1	40.2	467	935	16.0	32.1	822	70.0	2.63	2.12		
3GEB252711-*XA	85	1000	2000	33.8	67.7	811	132	0.859	93.9	79.5	935	1870	31.6	63.3	811	132	2.86			
3GEB252712-*XA	123	1500	3400	50.4	114.4	784	191	0.848	95.2	115.0	1402	3178	47.1	106.9	784	191	3.13			
3GEB252713-*XA	142	1750	4000	58.8	134.5	774	218	0.857	95.5	132.7	1636	3739	55.0	125.7	774	218	3.08			
3GEB252714-*XA	160	2000	4500	67.1	151.1	764	242	0.866	95.8	149.6	1870	4207	62.7	141.2	764	242	3.10			
3GEB252715-*XA	183	2500	5100	83.8	171.1	699	270	0.883	96.2	171.1	2337	4767	78.3	159.9	699	270	2.96			
M3EB 250B 4																				
3GEB252720-*XA	55	500	1000	17.1	34.3	1050	89	0.858	90.8	51.4	467	935	16.0	32.1	1050	89	2.70	2.55		
3GEB252721-*XA	105	1000	2300	33.8	77.8	1001	162	0.860	94.5	98.2	935	2150	31.6	72.7	1001	162	3.03			
3GEB252722-*XA	150	1500	3400	50.4	114.4	956	225	0.878	95.5	140.2	1402	3178	47.1	106.9	956	225	3.07			
3GEB252723-*XA	175	1750	4000	58.8	134.4	954	263	0.871	95.8	163.6	1636	3739	55.0	125.6	954	263	3.19			
3GEB252724-*XA	200	2000	4500	67.1	150.9	954	309	0.846	96.0	187.0	1870	4207	62.7	141.1	954	309	3.41			
3GEB252725-*XA	230	2500	5100	83.8	171.0	878	338	0.885	96.3	215.0	2337	4767	78.3	159.8	878	338	3.06			
M3EB 250C 4																				
3GEB252730-*XA	68	500	1100	17.1	37.6	1295	108	0.863	91.8	63.6	467	1028	16.0	35.1	1295	108	2.95	3.18		
3GEB252731-*XA	130	1000	2400	33.7	81.0	1242	202	0.854	94.7	121.5	935	2243	31.5	75.7	1242	202	3.27			
3GEB252732-*XA	183	1500	3500	50.4	117.6	1164	276	0.868	95.8	171.1	1402	3272	47.1	109.9	1164	276	3.44			
3GEB252733-*XA	202	1750	4000	58.7	134.3	1103	299	0.882	96.0	188.8	1636	3739	54.9	125.5	1103	299	3.35			
3GEB252734-*XA	220	2000	4450	67.0	149.3	1051	325	0.883	96.2	205.7	1870	4160	62.6	139.6	1051	325	3.45			
3GEB252735-*XA	255	2500	5000	83.7	167.5	974	374	0.888	96.4	238.4	2337	4674	78.2	156.6	974	374	3.35			
M3EB 250D 4																				
3GEB252740-*XA	77	500	1000	17.0	34.1	1473	122	0.858	92.2	72.0	467	935	15.9	31.9	1473	122	3.05	3.68		
3GEB252741-*XA	150	1000	2300	33.7	77.5	1432	231	0.858	95.1	140.2	935	2150	31.5	72.4	1432	231	3.38			
3GEB252742-*XA	218	1500	3600	50.3	120.9	1389	336	0.848	95.9	203.8	1402	3365	47.0	113.0	1389	336	3.63			
3GEB252743-*XA	245	1750	4100	58.7	137.5	1336	374	0.855	96.2	229.0	1636	3833	54.9	128.5	1336	374	3.66			
3GEB252744-*XA	270	2000	4300	67.0	144.2	1290	400	0.881	96.3	252.4	1870	4020	62.6	134.8	1290	400	3.38			
3GEB252745-*XA	320	2500	5200	83.7	174.2	1222	470	0.886	96.5	299.1	2337	4861	78.2	162.8	1222	470	3.40			
M3EB 250E 4																				
3GEB252750-*XA	87	500	1100	17.0	37.5	1662	138	0.854	92.6	81.3	467	1028	15.9	35.1	1662	138	3.26	4.12		
3GEB252751-*XA	163	1000	2300	33.7	77.6	1556	246	0.873	95.2	152.4	935	2150	31.5	72.5	1556	246	3.33			
3GEB252752-*XA	240	1500	3600	50.3	120.9	1529	362	0.867	96.0	224.3	1402	3365	47.0	113.0	1529	362	3.63			
3GEB252753-*XA	270	1750	4000	58.7	134.2	1472	406	0.867	96.2	252.4	1636	3739	54.9	125.4	1472	406	3.62			
3GEB252754-*XA	295	2000	4300	67.0	144.1	1409	434	0.885	96.4	275.8	1870	4020	62.6	134.7	1409	434	3.55			
3GEB252755-*XA	350	2500	5300	83.7	177.4	1336	522	0.872	96.6	327.2	2337	4954	78.2	165.8	1336	522	3.78			
M3EB 250F 4																				
3GEB252760-*XA	96	500	1100	17.0	37.5	1835	150	0.865	92.8	89.7	467	1028	15.9	35.1	1835	150	3.11	4.52		
3GEB252761-*XA	175	1000	2300	33.7	77.5	1669	265	0.871	95.3	163.6	935	2150	31.5	72.4	1669	265	3.45			
3GEB252762-*XA	260	1500	3600	50.3	120.9	1656	389	0.873	96.0	243.0	1402	3365	47.0	113.0	1656	389	3.62			
3GEB252763-*XA	300	1750	4000	58.7	134.1	1636	450	0.869	96.3	280.4	1636	3739	54.9	125.4	1636	450	3.62			
3GEB252764-*XA	323	2000	4400	67.0	147.4	1542	481	0.874	96.4	301.9	1870	4113	62.6	137.8	1542	481	3.67			
3GEB252765-*XA	385	2500	5000	83.7	167.4	1470	558	0.896	96.6	359.9	2337	4674	78.2	156.5	1470	558	3.42			

Type designation and product code example: M3EB 250A 4, 3GEB252710-*XA