

Application

Industrial fan designed to transfer clean or slightly contaminated, neutrally chemical air.

Typical applications:

- air pressing in technological processes,
- cooling systems,
- air drying systems.

Construction

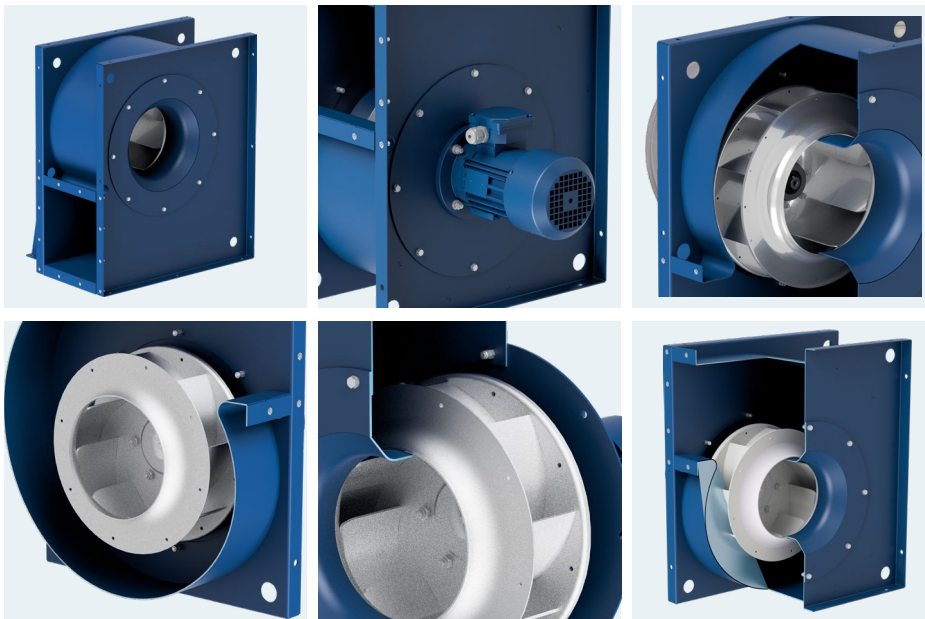
- medium-pressure, direct drive, radial fan,
- aluminum sheet rotor with backward inclined blades, balanced according to ISO 1940-1,
- rectangular steel welded housing,
- painted RAL 5010 (blue), corrosivity category C3,
- medium maximum temperature 80°C,
- ambient temperature of the motor from -20°C to +40°C,
- depending on the motor power, the fans are standard in two figures LG90 and LG270 (see specifications table).

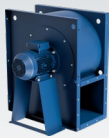
Electric motor

- asynchronous, three-phase 230V/400V 50Hz or 400/690V 50Hz, efficiency class IE3,
- degree of protection IP55,
- insulation class F,
- three-phase motors are adapted for frequency converter.

Special executions

- optional configuration LG/RD,
- color other than standard and higher category of corrosivity,
- housing and support made of galvanized steel sheet, stainless steel 1.4301, acid-proof steel 1.4404,
- motor with voltage and frequency of power, degree of protection different than standard, equipped with sensors or additional cooling,
- sealing between the housing and the motor,
- HT version - maximum transported medium temperature higher than standard,
- ambient temperature range below -20°C and above +40°C,
- belt drive, clutch,
- ATEX version.





NOMINAL DATA

type	airflow max	pressure max	speed	voltage rated	current max abs.**	power motor	sound pressure level*	temperature operating min / max	weight	figure	article number
THREE-PHASE 3000RPM											
GMB-2-25A-018T	1 250 m ³ /h	760 Pa	2 750 rpm	3~400 V	0,5 A	0,18 kW	53 dB(A)	-20 / 80 °C	19,0 kg	LG90	433552500
GMB-2-25B-025T	1 615 m ³ /h	870 Pa	2 780 rpm	3~400 V	0,65 A	0,25 kW	56 dB(A)	-20 / 80 °C	20,0 kg	LG90	433552501
GMB-2-25C-037T	1 850 m ³ /h	925 Pa	2 870 rpm	3~400 V	0,95 A	0,37 kW	58 dB(A)	-20 / 80 °C	21,0 kg	LG90	433552502
GMB-2-28A-037T	1 760 m ³ /h	950 Pa	2 870 rpm	3~400 V	0,95 A	0,37 kW	57 dB(A)	-20 / 80 °C	26,0 kg	LG90	433552510
GMB-2-28B-055T	2 300 m ³ /h	1 090 Pa	2 870 rpm	3~400 V	1,25 A	0,55 kW	59 dB(A)	-20 / 80 °C	27,0 kg	LG90	433552511
GMB-2-28C-055T	2 600 m ³ /h	1 155 Pa	2 850 rpm	3~400 V	1,25 A	0,55 kW	62 dB(A)	-20 / 80 °C	28,0 kg	LG90	433552512
GMB-2-31A-055T	2 500 m ³ /h	1 200 Pa	2 870 rpm	3~400 V	1,25 A	0,55 kW	60 dB(A)	-20 / 80 °C	32,0 kg	LG90	433552520
GMB-2-31B-075T	3 250 m ³ /h	1 380 Pa	2 850 rpm	3~400 V	1,65 A	0,75 kW	62 dB(A)	-20 / 80 °C	35,0 kg	LG90	433552521
GMB-2-31C-110T	3 700 m ³ /h	1 460 Pa	2 840 rpm	3~400 V	2,2 A	1,1 kW	65 dB(A)	-20 / 80 °C	36,0 kg	LG90	433552522
GMB-2-35A-110T	3 560 m ³ /h	1 530 Pa	2 840 rpm	3~400 V	2,2 A	1,1 kW	64 dB(A)	-20 / 80 °C	48,0 kg	LG90	433552530
GMB-2-35B-150T	4 600 m ³ /h	1 750 Pa	2 925 rpm	3~400 V	3 A	1,5 kW	67 dB(A)	-20 / 80 °C	52,0 kg	LG90	433552531
GMB-2-35C-220T	5 300 m ³ /h	1 850 Pa	2 900 rpm	3~400 V	4,3 A	2,2 kW	69 dB(A)	-20 / 80 °C	54,0 kg	LG90	433552532
GMB-2-40A-150T	5 090 m ³ /h	1 945 Pa	2 925 rpm	3~400 V	3 A	1,5 kW	38 dB(A)	-20 / 80 °C	56,0 kg	LG90	433552540
GMB-2-40B-220T	6 600 m ³ /h	2 220 Pa	2 900 rpm	3~400 V	4,3 A	2,2 kW	69 dB(A)	-20 / 80 °C	58,0 kg	LG90	433552541
GMB-2-40C-300T	7 500 m ³ /h	2 360 Pa	2 915 rpm	3~400 V	5,8 A	3,0 kW	73 dB(A)	-20 / 80 °C	64,0 kg	LG90	433552542
GMB-2-45A-300T	7 200 m ³ /h	2 455 Pa	2 915 rpm	3~400 V	5,8 A	3,0 kW	71 dB(A)	-20 / 80 °C	95,0 kg	LG90	433552550
GMB-2-45B-400T	9 400 m ³ /h	2 810 Pa	2 925 rpm	3~400 V	7,4 A	4,0 kW	74 dB(A)	-20 / 80 °C	104,0 kg	LG270	433552551
GMB-2-45C-550T	10 750 m ³ /h	3 000 Pa	2 940 rpm	3~400 V	10 A	5,5 kW	76 dB(A)	-20 / 80 °C	104,0 kg	LG270	433552552
GMB-2-50A-550T	9 950 m ³ /h	3 030 Pa	2 940 rpm	3~400 V	10 A	5,5 kW	74 dB(A)	-20 / 80 °C	114,0 kg	LG270	433552560
GMB-2-50B-750T	13 055 m ³ /h	3 470 Pa	2 940 rpm	3~400 V	13,3 A	7,5 kW	76 dB(A)	-20 / 80 °C	132,0 kg	LG270	433552561
GMB-2-50C-1100T	14 720 m ³ /h	3 700 Pa	2 925 rpm	3~400 V	19,6 A	11,0 kW	79 dB(A)	-20 / 80 °C	163,0 kg	LG270	433552562
GMB-2-56A-1100T	11 880 m ³ /h	4 375 Pa	2 925 rpm	3~400 V	19,6 A	11,0 kW	78 dB(A)	-20 / 80 °C	223,0 kg	LG270	433552570
GMB-2-56B-1500T	16 600 m ³ /h	4 590 Pa	2 945 rpm	3~400 V	26,2 A	15,0 kW	80 dB(A)	-20 / 80 °C	259,0 kg	LG270	433552571
GMB-2-56C-1850T	21 050 m ³ /h	4 630 Pa	2 940 rpm	3~400 V	32,1 A	18,5 kW	84 dB(A)	-20 / 80 °C	266,0 kg	LG270	433552572
GMB-2-63A-1850T	16 885 m ³ /h	5 535 Pa	2 940 rpm	3~400 V	32,1 A	18,5 kW	81 dB(A)	-20 / 80 °C	279,0 kg	LG270	433552580
GMB-2-63B-2200T	23 550 m ³ /h	5 800 Pa	2 955 rpm	3~400 V	38,1 A	22,0 kW	82 dB(A)	-20 / 80 °C	325,0 kg	LG270	433552581
GMB-2-63C-3000T	29 580 m ³ /h	5 900 Pa	2 965 rpm	3~400 V	51 A	30,0 kW	85 dB(A)	-20 / 80 °C	410,0 kg	LG270	433552582

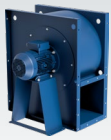
*Measurement made at a distance of 1.5m from the outlet, for Q = 2/3 * Qmax
 ** value of the rated current may vary depending on the manufacturer of the electric motor used.



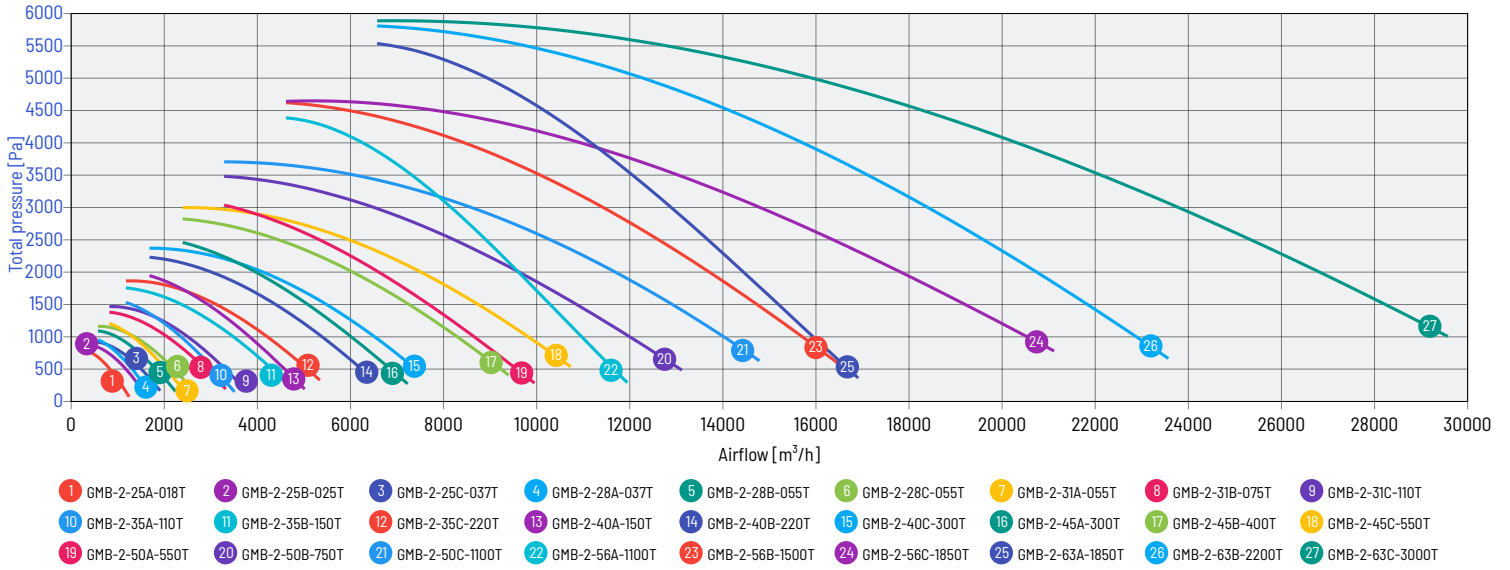
NOMINAL DATA

type	airflow max	pressure max	speed	voltage rated	current max abs.**	power motor	sound pressure level*	temperature operating min / max	weight	figure	article number
THREE-PHASE 1500RPM											
GMB-4-35A-012T	1 780 m ³ /h	385 Pa	1 400 rpm	3~400 V	0,42 A	0,12 kW	50 dB(A)	-20 / 80 °C	40,0 kg	LG90	433552533
GMB-4-35B-018T	2 300 m ³ /h	435 Pa	1 400 rpm	3~400 V	0,55 A	0,18 kW	52 dB(A)	-20 / 80 °C	41,0 kg	LG90	433552534
GMB-4-35C-025T	2 650 m ³ /h	465 Pa	1 410 rpm	3~400 V	0,8 A	0,25 kW	54 dB(A)	-20 / 80 °C	42,0 kg	LG90	433552535
GMB-4-40A-018T	2 545 m ³ /h	485 Pa	1 400 rpm	3~400 V	0,55 A	0,18 kW	53 dB(A)	-20 / 80 °C	44,0 kg	LG90	433552543
GMB-4-40B-025T	3 300 m ³ /h	555 Pa	1 410 rpm	3~400 V	0,8 A	0,25 kW	55 dB(A)	-20 / 80 °C	45,0 kg	LG90	433552544
GMB-4-40C-037T	3 760 m ³ /h	590 Pa	1 410 rpm	3~400 V	1,1 A	0,37 kW	58 dB(A)	-20 / 80 °C	46,0 kg	LG90	433552545
GMB-4-45A-037T	3 600 m ³ /h	615 Pa	1 410 rpm	3~400 V	1,1 A	0,37 kW	56 dB(A)	-20 / 80 °C	76,0 kg	LG90	433552553
GMB-4-45B-055T	4 700 m ³ /h	700 Pa	1 420 rpm	3~400 V	1,6 A	0,55 kW	58 dB(A)	-20 / 80 °C	77,0 kg	LG90	433552554
GMB-4-45C-075T	5 375 m ³ /h	750 Pa	1 430 rpm	3~400 V	2,1 A	0,75 kW	61 dB(A)	-20 / 80 °C	77,0 kg	LG90	433552555
GMB-4-50A-075T	4 975 m ³ /h	760 Pa	1 430 rpm	3~400 V	2,1 A	0,75 kW	59 dB(A)	-20 / 80 °C	88,0 kg	LG90	433552563
GMB-4-50B-110T	6 530 m ³ /h	870 Pa	1 450 rpm	3~400 V	2,5 A	1,1 kW	61 dB(A)	-20 / 80 °C	96,0 kg	LG90	433552564
GMB-4-50C-150T	7 360 m ³ /h	925 Pa	1 450 rpm	3~400 V	3,3 A	1,5 kW	64 dB(A)	-20 / 80 °C	99,0 kg	LG90	433552565
GMB-4-56A-110T	5 940 m ³ /h	1090 Pa	1 450 rpm	3~400 V	2,5 A	1,1 kW	63 dB(A)	-20 / 80 °C	145,0 kg	LG90	433552573
GMB-4-56B-150T	8 295 m ³ /h	1 150 Pa	1 465 rpm	3~400 V	3,3 A	1,5 kW	64 dB(A)	-20 / 80 °C	148,0 kg	LG90	433552574
GMB-4-56C-220T	10 525 m ³ /h	1 160 Pa	1 465 rpm	3~400 V	4,6 A	2,2 kW	67 dB(A)	-20 / 80 °C	160,0 kg	LG270	433552575
GMB-4-63A-220T	8 440 m ³ /h	1 385 Pa	1 465 rpm	3~400 V	4,6 A	2,2 kW	66 dB(A)	-20 / 80 °C	168,0 kg	LG270	433552583
GMB-4-63B-300T	11 775 m ³ /h	1 450 Pa	1 465 rpm	3~400 V	6,3 A	3,0 kW	67 dB(A)	-20 / 80 °C	172,0 kg	LG270	433552584
GMB-4-63C-400T	14 790 m ³ /h	1 475 Pa	1 460 rpm	3~400 V	8,1 A	4,0 kW	70 dB(A)	-20 / 80 °C	183,0 kg	LG270	433552585
GMB-4-71A-400T	12 080 m ³ /h	1 760 Pa	1 460 rpm	3~400 V	8,1 A	4,0 kW	70 dB(A)	-20 / 80 °C	238,0 kg	LG270	433552593
GMB-4-71B-550T	16 800 m ³ /h	1 845 Pa	1 460 rpm	3~400 V	11,1 A	5,5 kW	71 dB(A)	-20 / 80 °C	267,0 kg	LG270	433552594
GMB-4-71C-750T	21 475 m ³ /h	1 870 Pa	1 465 rpm	3~400 V	14,4 A	7,5 kW	73 dB(A)	-20 / 80 °C	268,0 kg	LG270	433552595
GMB-4-80A-750T	17 280 m ³ /h	2 230 Pa	1 465 rpm	3~400 V	14,4 A	7,5 kW	74 dB(A)	-20 / 80 °C	327,0 kg	LG270	433552603
GMB-4-80B-1100T	24 050 m ³ /h	2 340 Pa	1 460 rpm	3~400 V	20,9 A	11,0 kW	75 dB(A)	-20 / 80 °C	357,0 kg	LG270	433552604
GMB-4-80C-1500T	30 250 m ³ /h	2 375 Pa	1 475 rpm	3~400 V	28,3 A	15,0 kW	77 dB(A)	-20 / 80 °C	414,0 kg	LG270	433552605
THREE-PHASE 1000RPM											
GMB-6-71A-110T	7 915 m ³ /h	755 Pa	940 rpm	3~400 V	2,8 A	1,1 kW	62 dB(A)	-20 / 80 °C	213,0 kg	LG90	433552596
GMB-6-71B-150T	11 000 m ³ /h	790 Pa	960 rpm	3~400 V	3,5 A	1,5 kW	63 dB(A)	-20 / 80 °C	232,0 kg	LG270	433552597
GMB-6-71C-220T	13 850 m ³ /h	800 Pa	965 rpm	3~400 V	5 A	2,2 kW	64 dB(A)	-20 / 80 °C	241,0 kg	LG270	433552598
GMB-6-80A-220T	11 320 m ³ /h	960 Pa	965 rpm	3~400 V	5 A	2,2 kW	65 dB(A)	-20 / 80 °C	294,0 kg	LG270	433552606
GMB-6-80B-300T	15 750 m ³ /h	1 005 Pa	965 rpm	3~400 V	6,2 A	3,0 kW	66 dB(A)	-20 / 80 °C	314,0 kg	LG270	433552607
GMB-6-80C-400T	19 800 m ³ /h	1 020 Pa	965 rpm	3~400 V	8,1 A	4,0 kW	67 dB(A)	-20 / 80 °C	326,0 kg	LG270	433552608

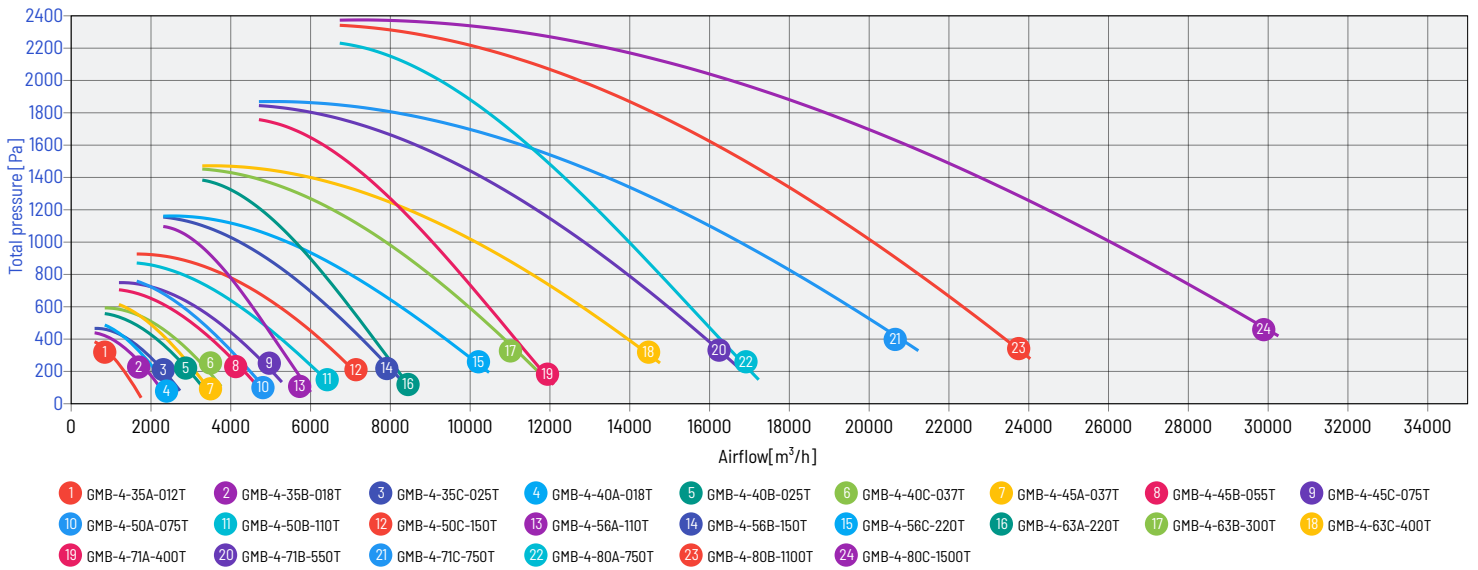
*Measurement made at a distance of 1.5m from the outlet, for Q = 2/3 * Qmax
 ** value of the rated current may vary depending on the manufacturer of the electric motor used.



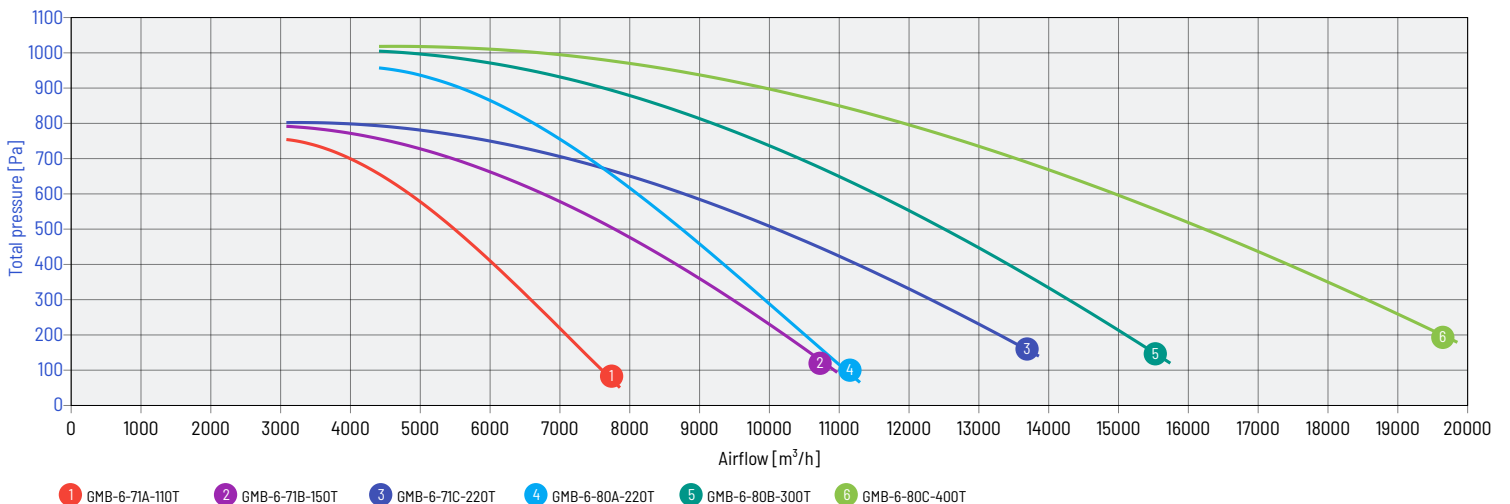
PERFORMANCE CHARACTERISTICS OF THE FANS - THREE-PHASE 3000RPM

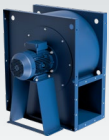


PERFORMANCE CHARACTERISTICS OF THE FANS - THREE-PHASE 1500RPM

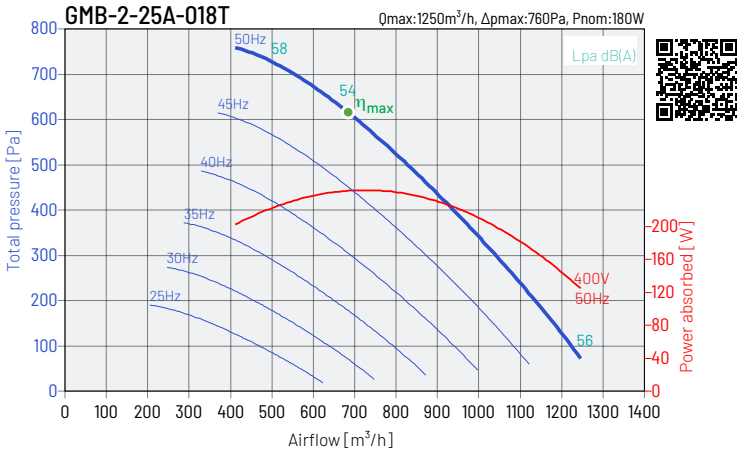


PERFORMANCE CHARACTERISTICS OF THE FANS - THREE-PHASE 1000RPM

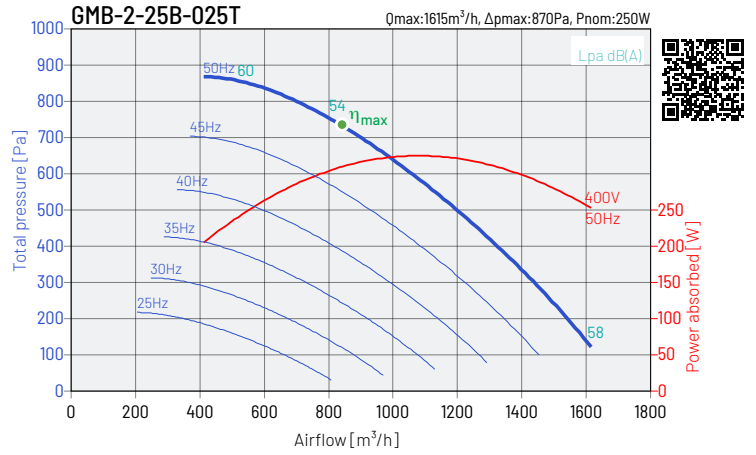




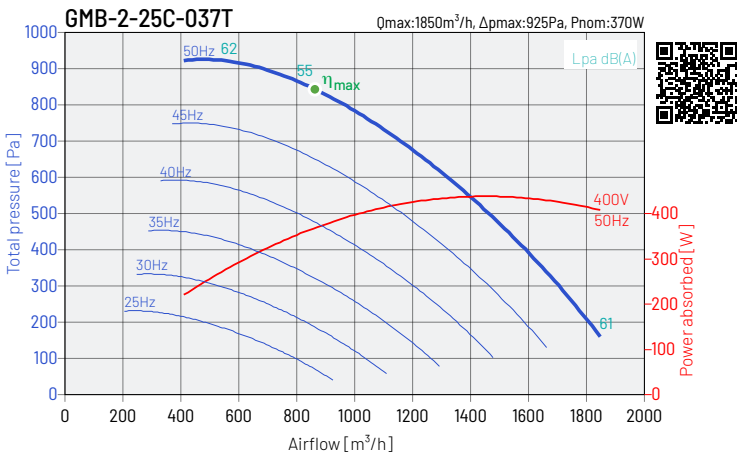
PERFORMANCE CHARACTERISTICS OF THE FANS



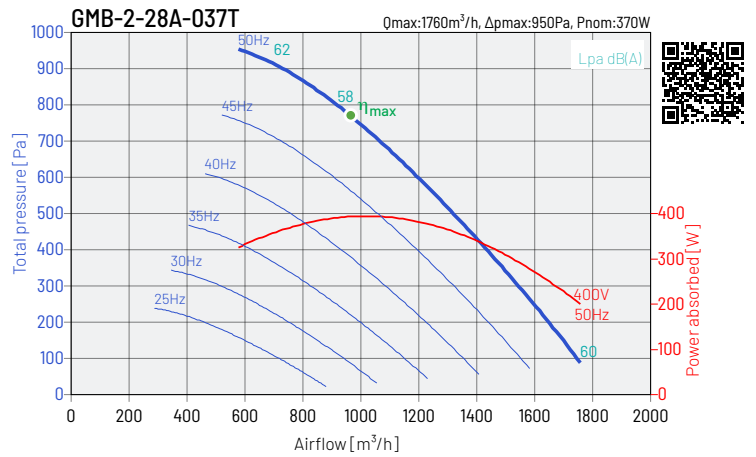
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	46,4	63,3	0,24	685	592	2 750



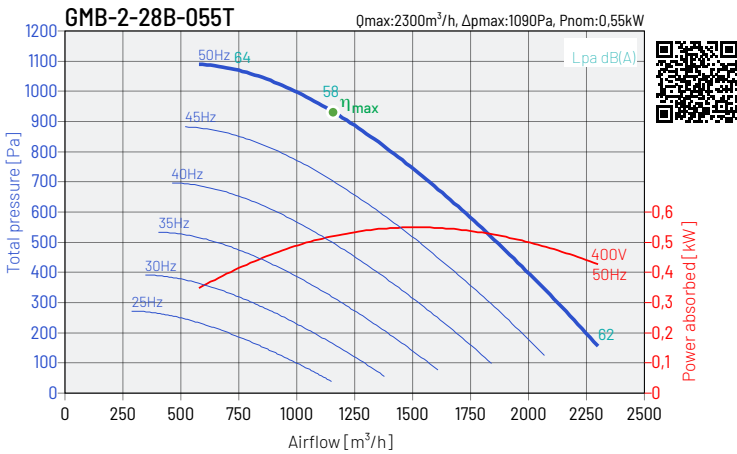
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	52,8	68,7	0,31	822	710	2 780



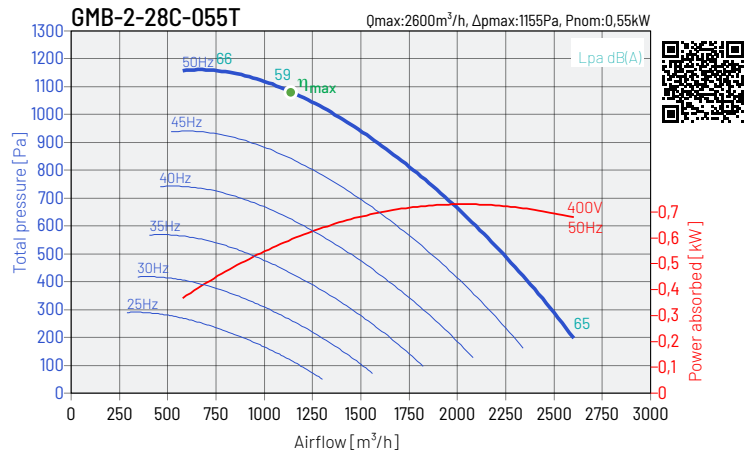
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	52,6	67,7	0,36	822	824	2 870



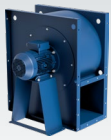
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	50,5	65,3	0,39	962	743	2 870



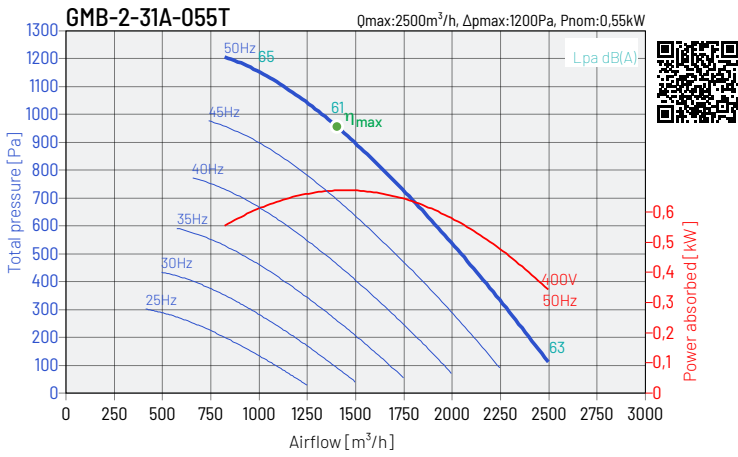
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	55,0	68,5	0,52	1154	891	2 870



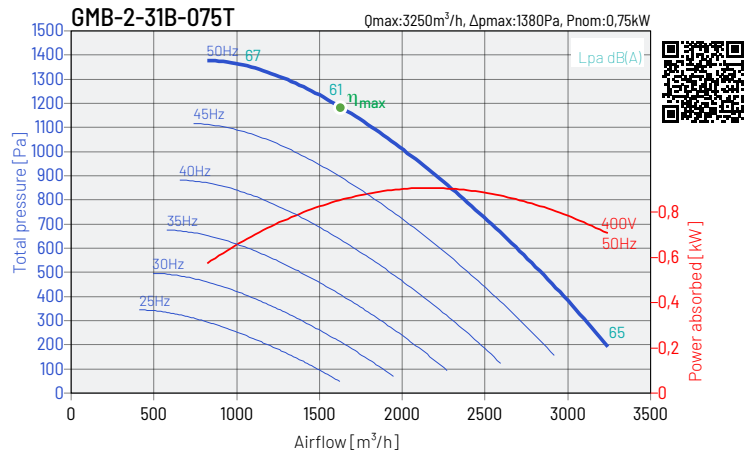
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	55,5	68,3	0,60	1154	1035	2 850



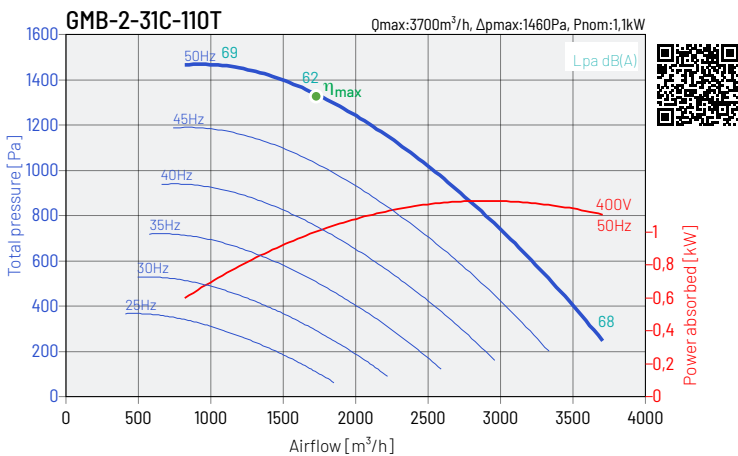
PERFORMANCE CHARACTERISTICS OF THE FANS



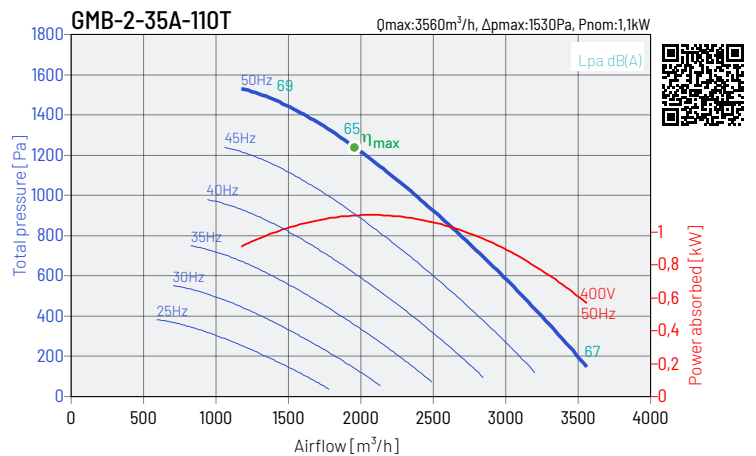
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	53,3	65,7	0,67	1370	939	2 870



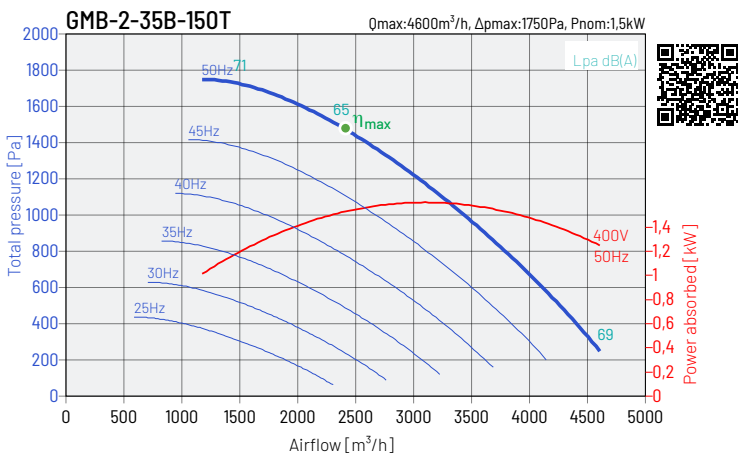
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	60,0	71,2	0,86	1644	1125	2 850



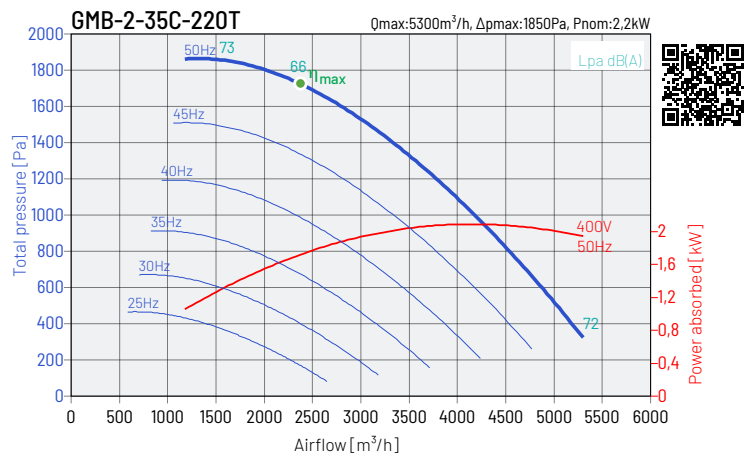
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	61,3	71,9	0,97	1644	1307	2 840



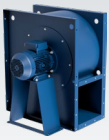
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	58,9	69,0	1,10	1961	1191	2 840



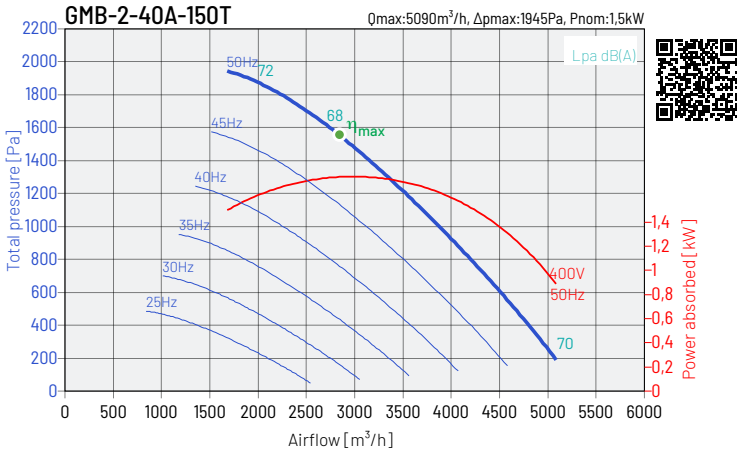
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	61,6	70,2	1,52	2353	1428	2 925



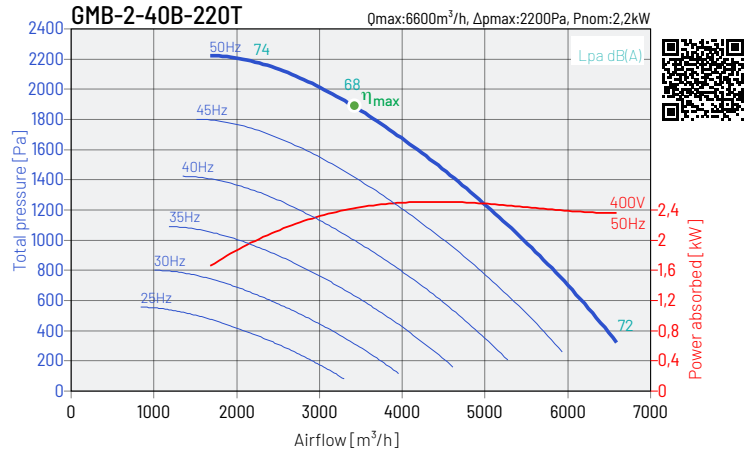
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	63,4	71,4	1,71	2353	1659	2 900



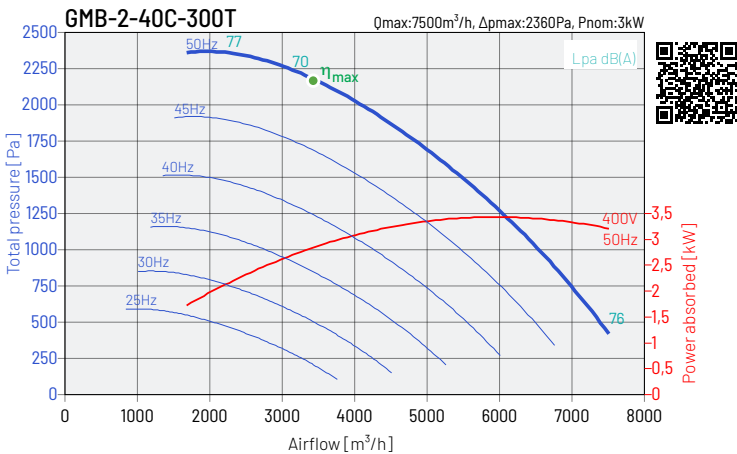
PERFORMANCE CHARACTERISTICS OF THE FANS



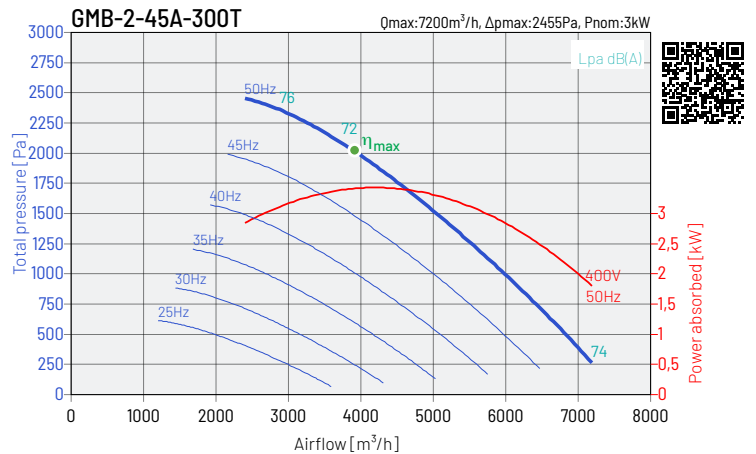
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	67,0	74,9	1,76	2 805	1 512	2 925



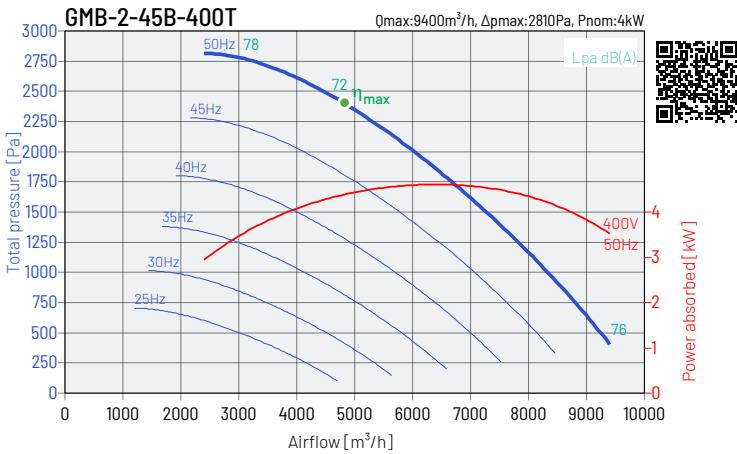
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	70,3	76,8	2,41	3 365	1 816	2 900



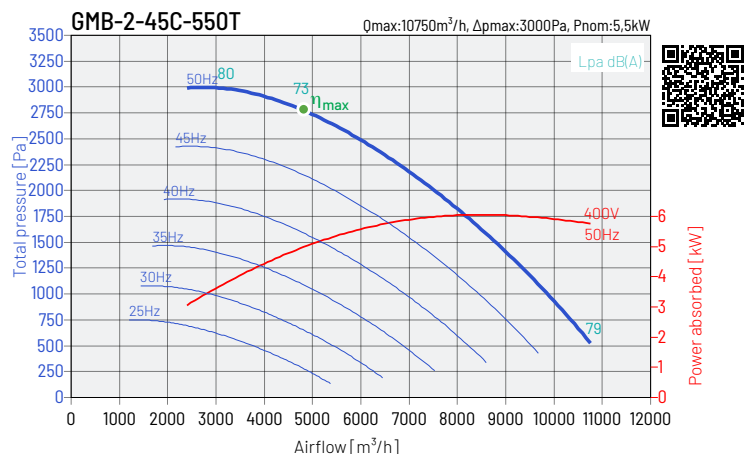
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	70,0	75,8	2,81	3 367	2 104	2 915



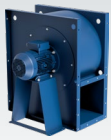
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	61,8	66,7	3,42	3 993	1 907	2 915



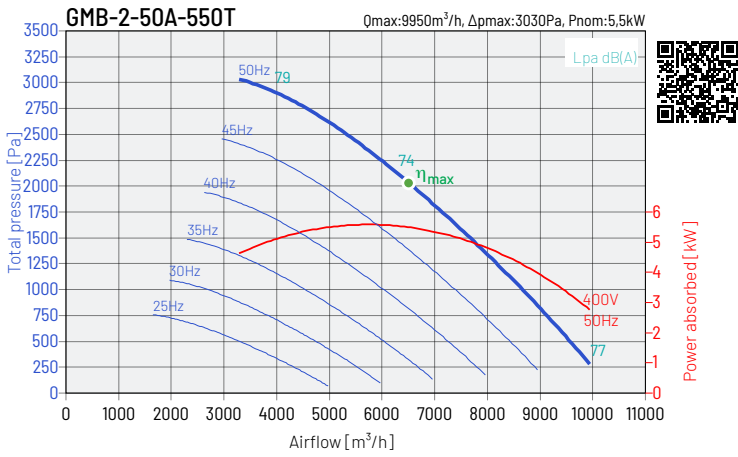
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	69,2	73,0	4,42	4 792	2 299	2 925



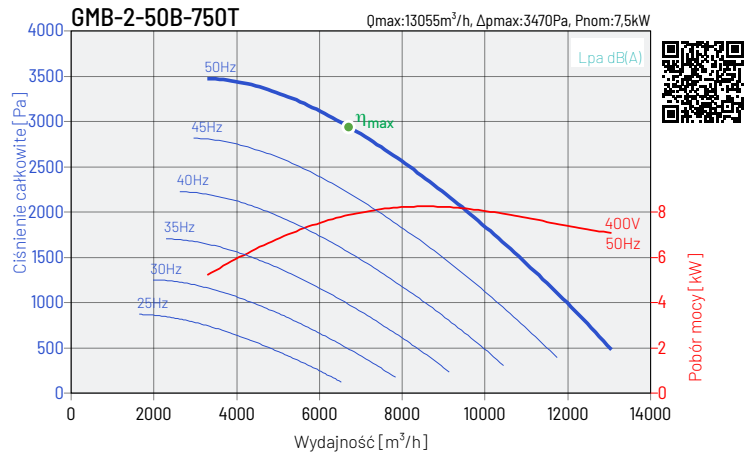
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	71,2	74,4	4,99	4 811	2 661	2 940



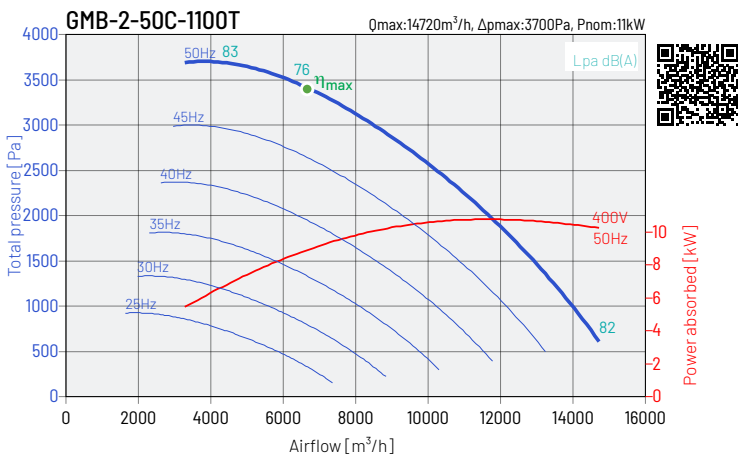
PERFORMANCE CHARACTERISTICS OF THE FANS



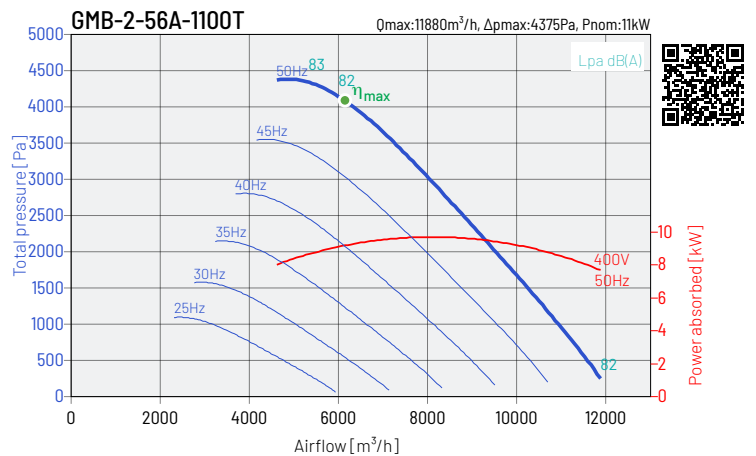
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	64,4	67,0	5,58	5 478	2 359	2 940



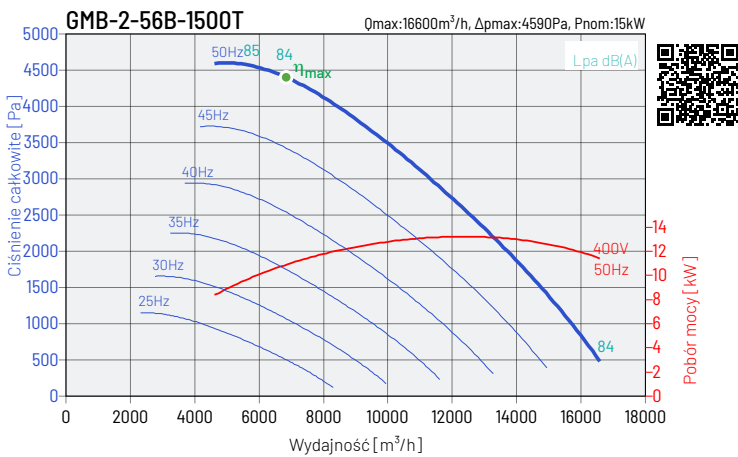
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	66,7	67,8	7,79	6 573	2 846	2 940



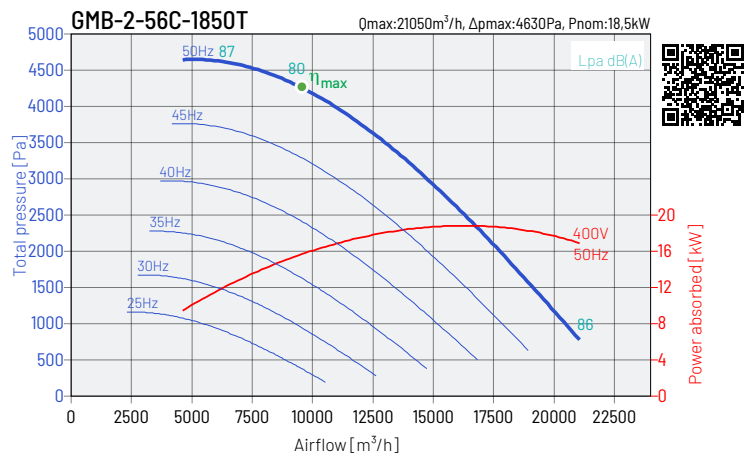
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	68,2	68,7	8,83	6 570	3 300	2 925



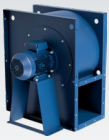
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	74,6	75,0	9,18	6 157	4 003	2 925



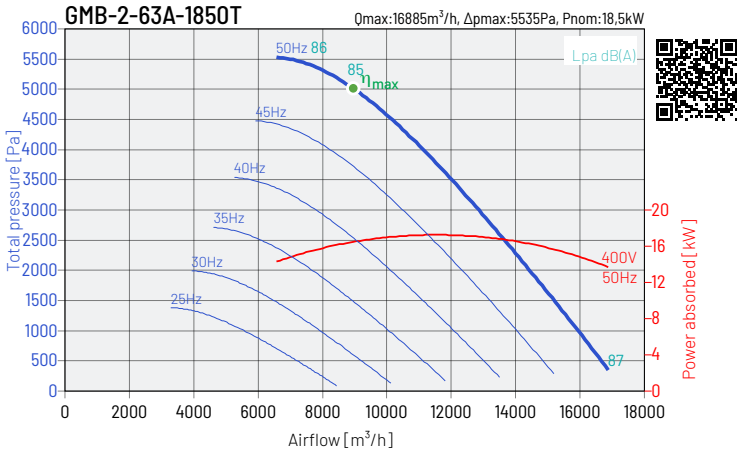
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	75,9	75,8	11,57	7 696	4 110	2 945



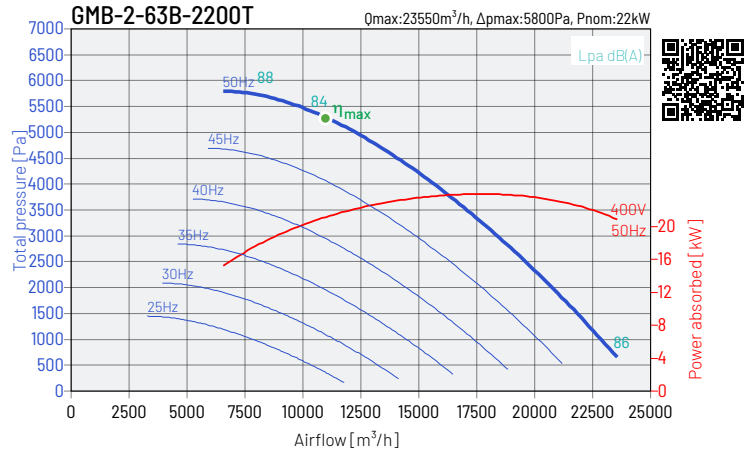
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	69,1	68,7	15,38	9 235	4 142	2 940



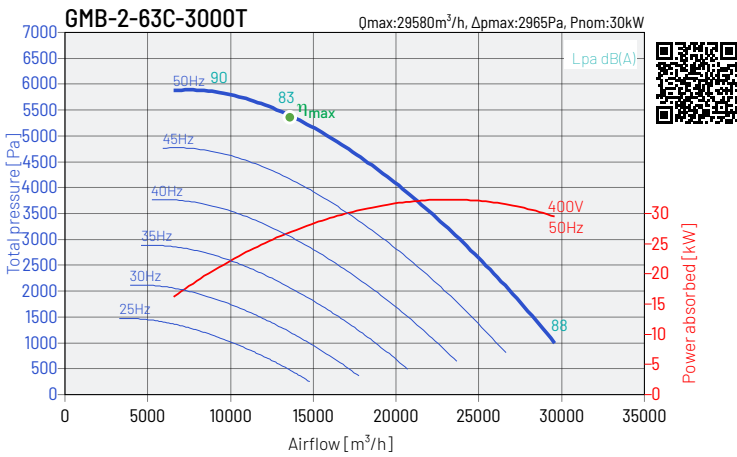
PERFORMANCE CHARACTERISTICS OF THE FANS



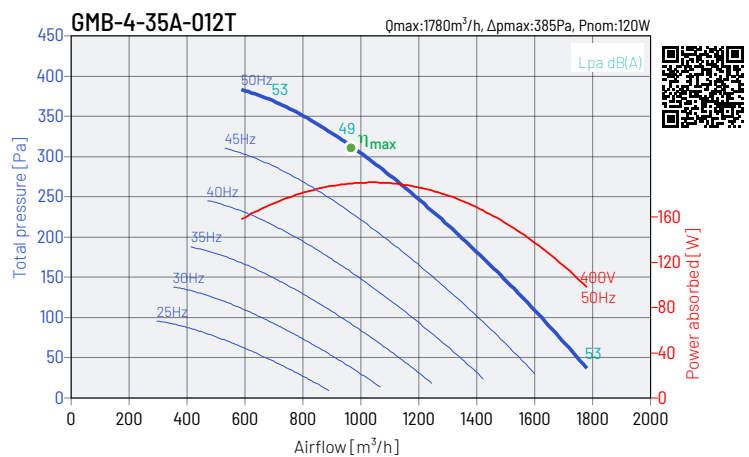
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	73,9	73,4	16,35	8 766	4 962	2 940



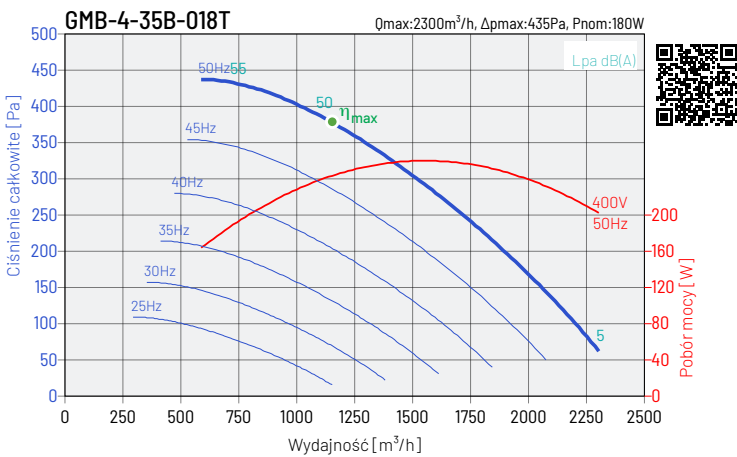
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	74,5	73,7	21,11	10 957	5 168	2 955



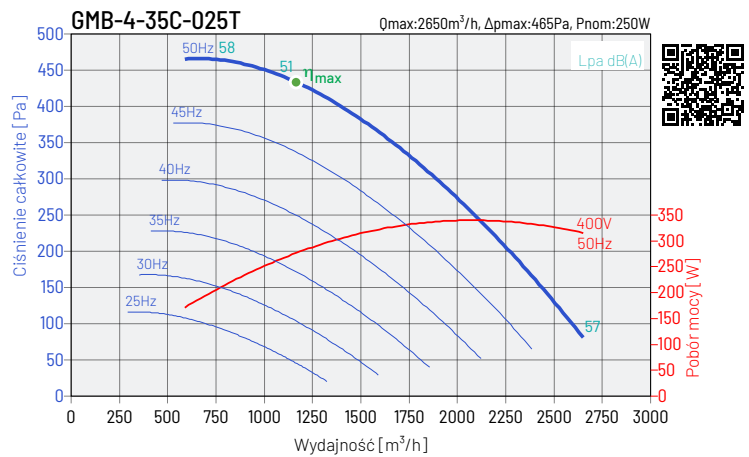
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	72,4	71,4	26,44	13 149	5 239	2 965



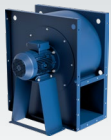
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	42,9	61,0	0,19	979	300	1400



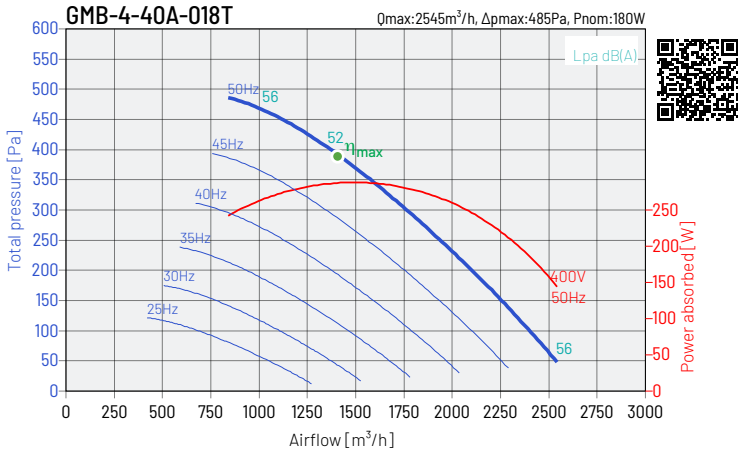
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	47,6	64,5	0,25	1176	357	1400



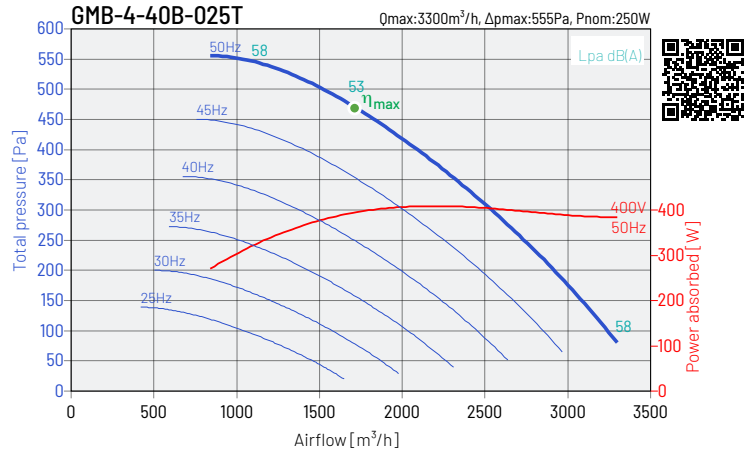
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	48,8	65,1	0,28	1176	415	1410



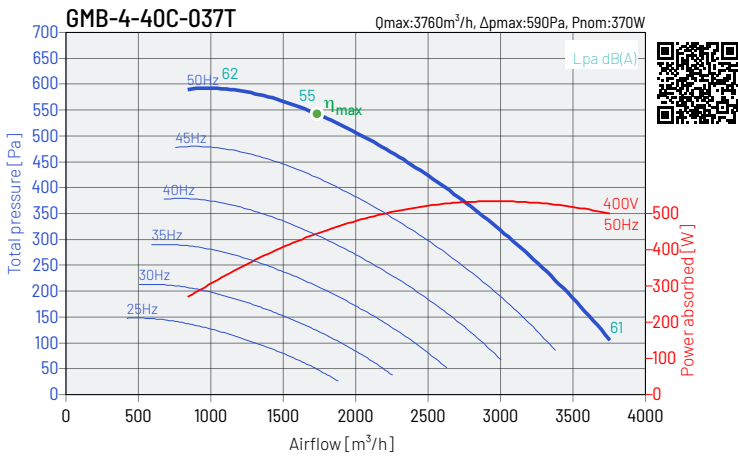
PERFORMANCE CHARACTERISTICS OF THE FANS



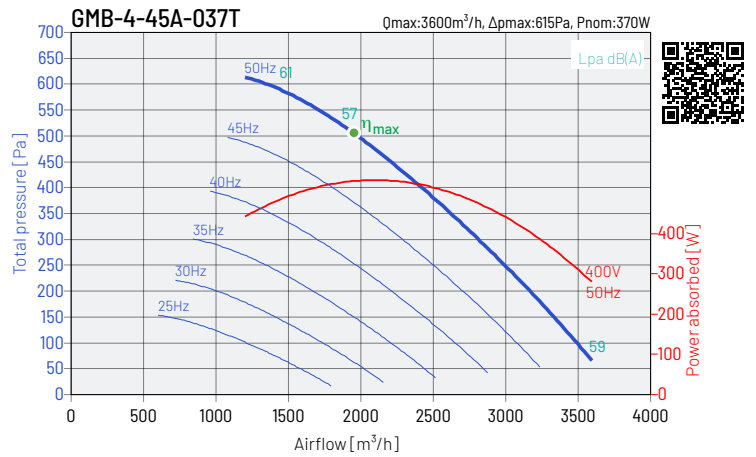
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	51,7	67,9	0,29	1402	378	1400



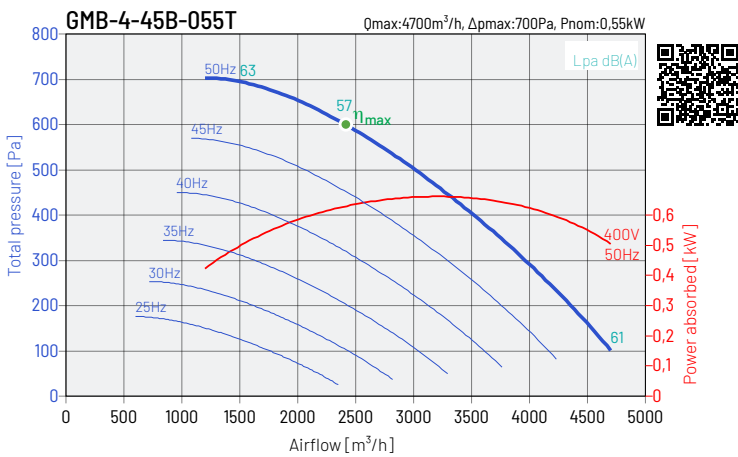
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	54,0	68,8	0,39	1683	454	1410



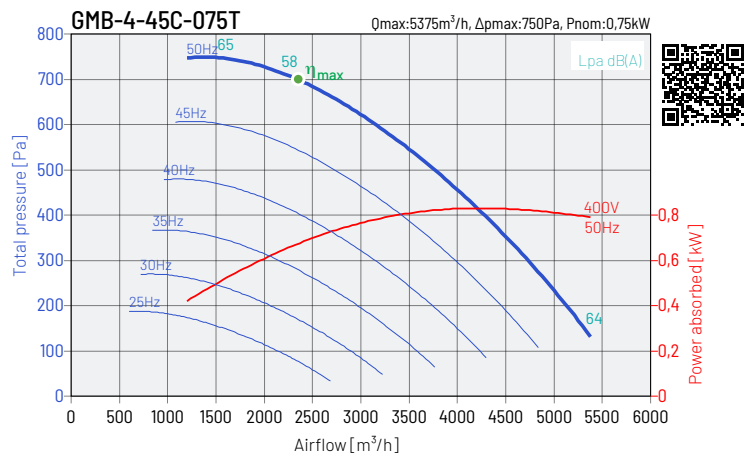
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	55,9	70,2	0,44	1691	520	1410



MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	49,7	63,1	0,53	1997	477	1410



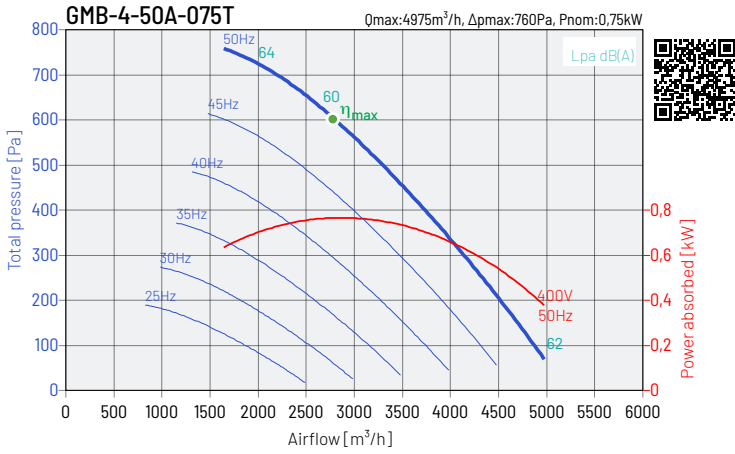
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	60,4	72,9	0,63	2396	575	1420



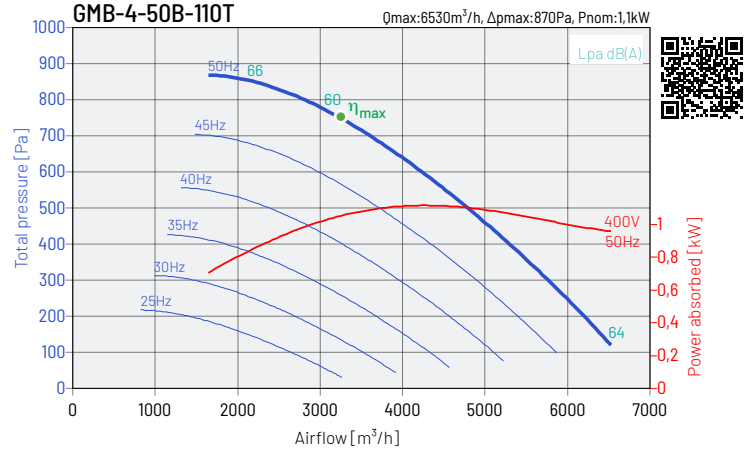
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	64,8	77,0	0,68	2405	663	1430



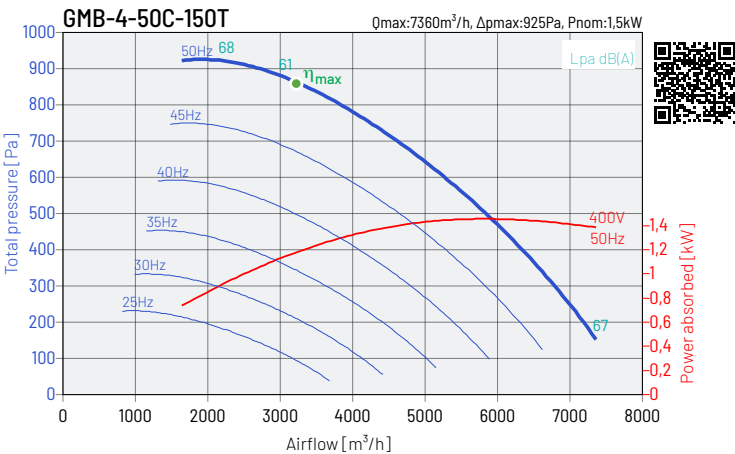
PERFORMANCE CHARACTERISTICS OF THE FANS



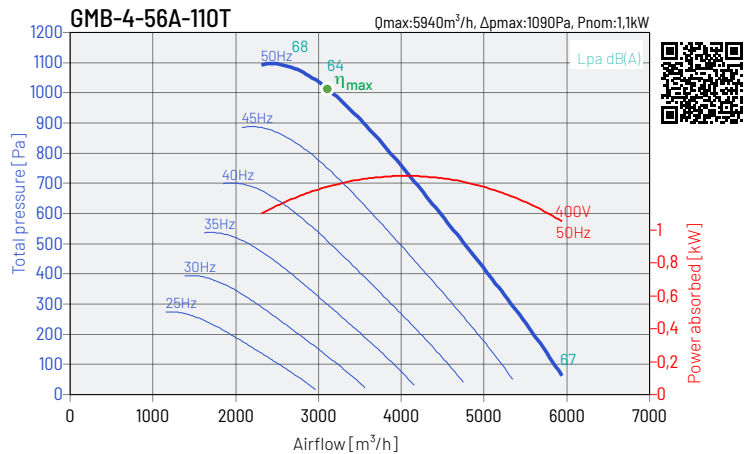
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	58,7	70,4	0,77	2 739	590	1430



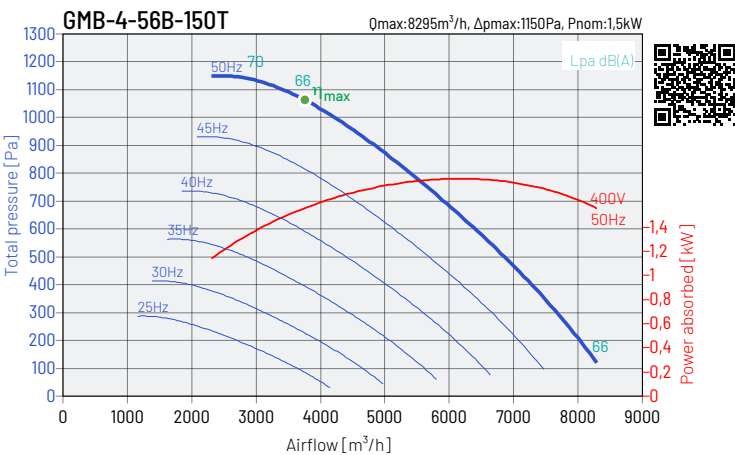
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	61,6	71,9	1,05	3 287	711	1450



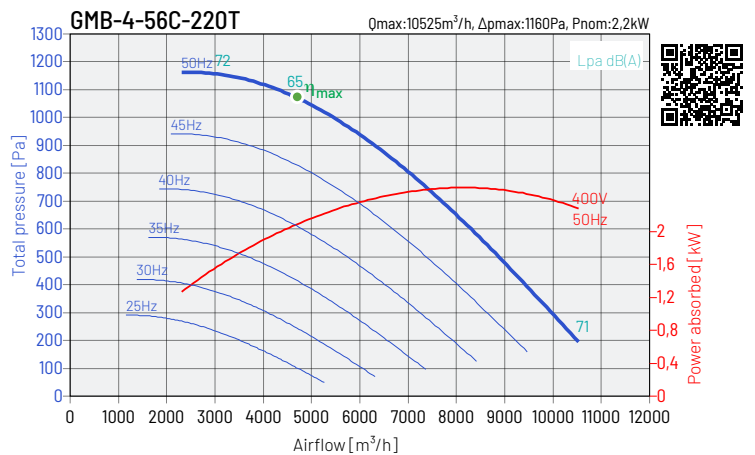
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	62,8	72,5	1,19	3 299	817	1450



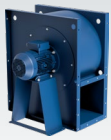
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	68,0	77,5	1,26	3 078	1001	1450



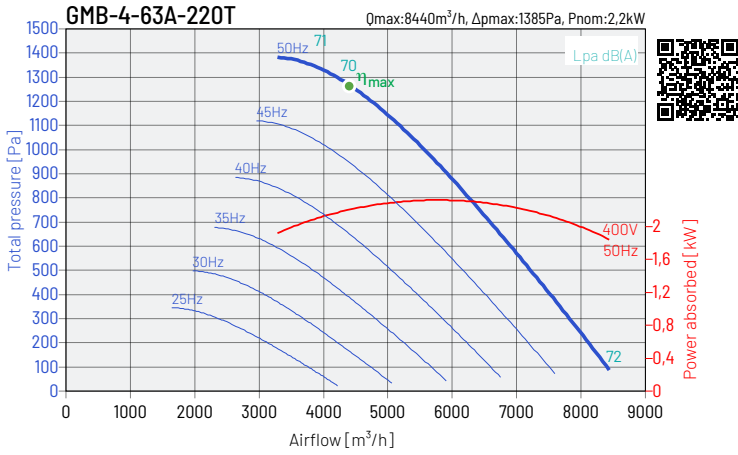
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	69,7	78,1	1,58	3 848	1028	1465



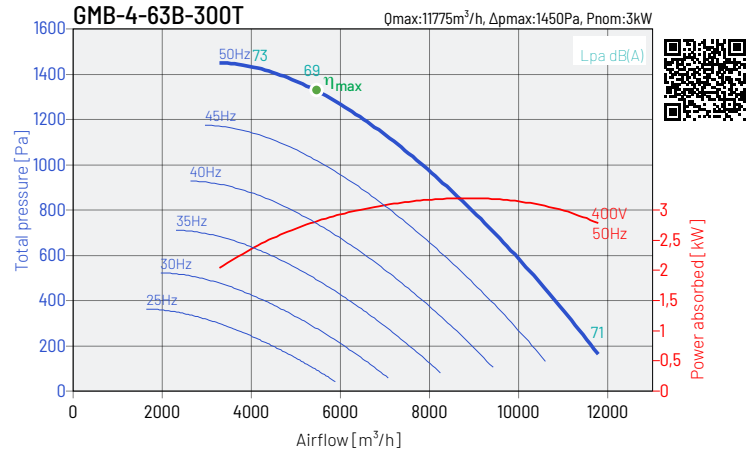
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	64,2	71,3	2,07	4 617	1035	1465



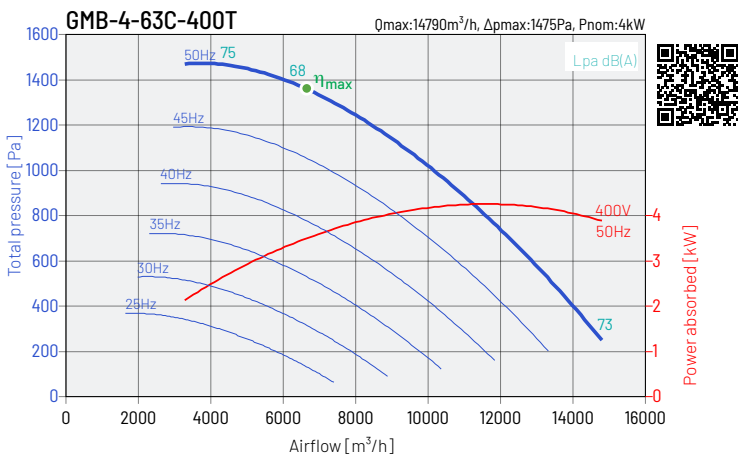
PERFORMANCE CHARACTERISTICS OF THE FANS



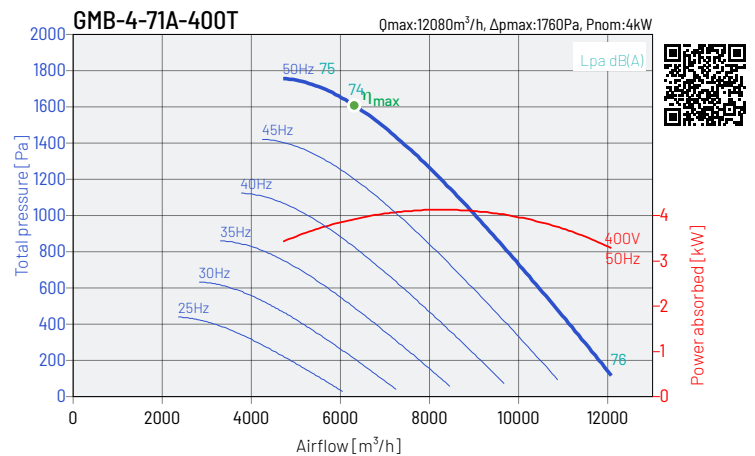
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	68,7	75,6	2,20	4 383	1241	1465



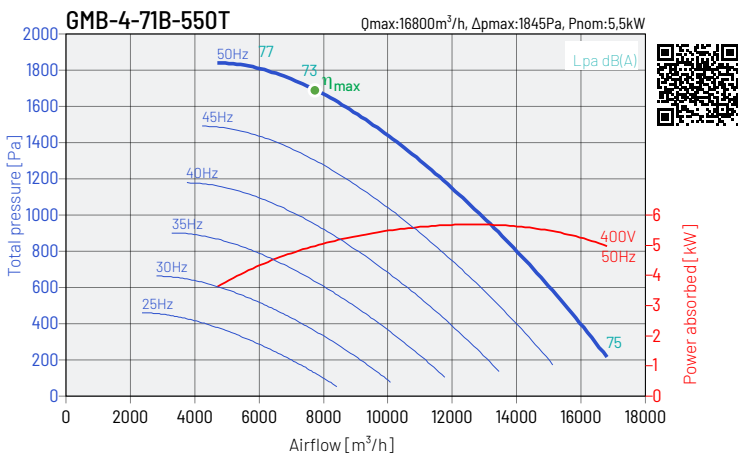
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	69,8	75,6	2,82	5 479	1292	1465



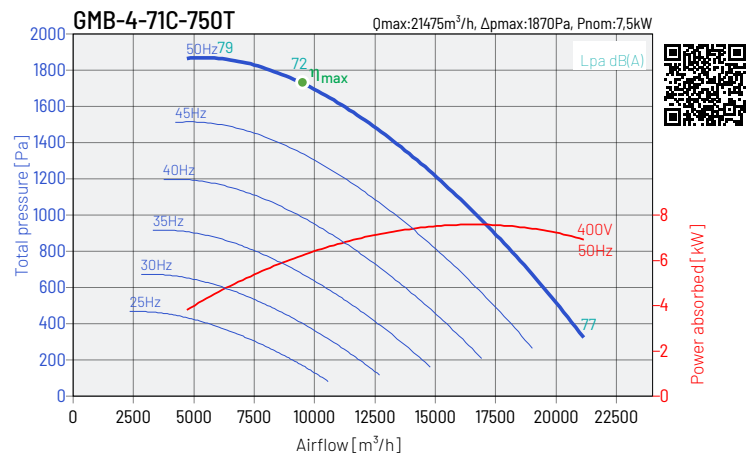
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	68,7	73,6	3,48	6 574	1310	1460



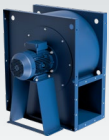
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	70,2	74,4	3,91	6 274	1575	1460



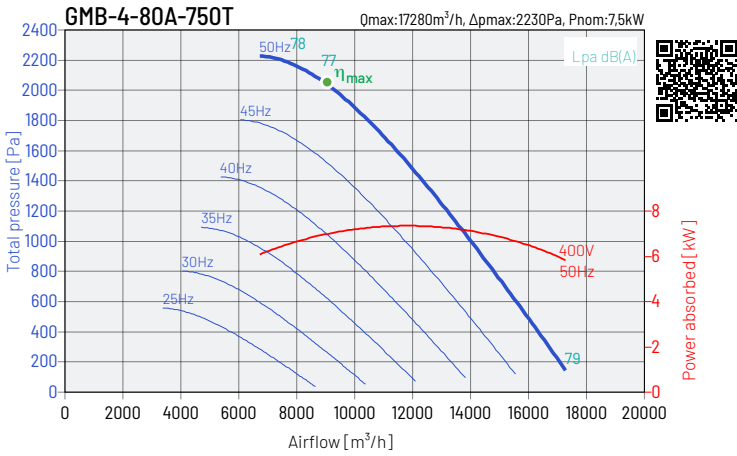
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	71,3	74,4	5,01	7 842	1640	1460



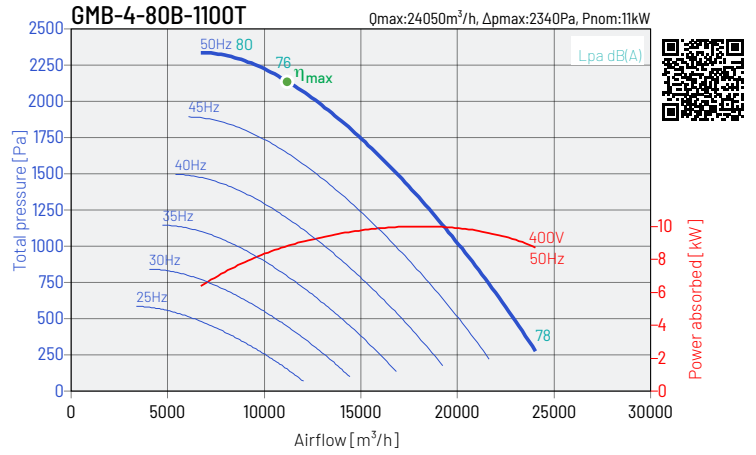
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	70,1	72,2	6,20	9 410	1662	1465



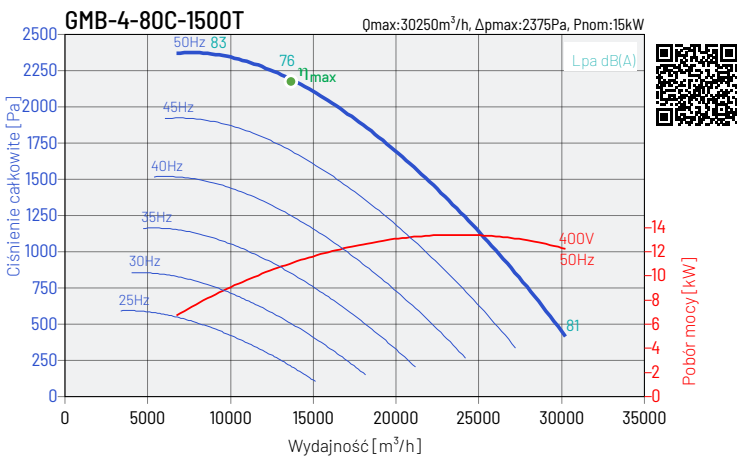
PERFORMANCE CHARACTERISTICS OF THE FANS



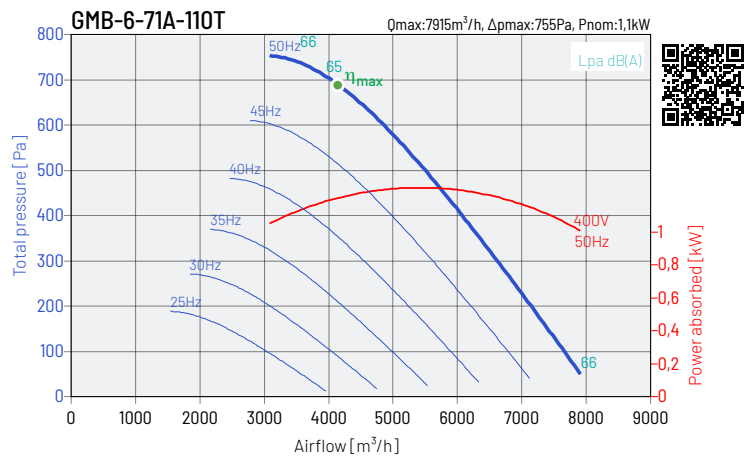
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	71,6	73,2	6,96	8 975	1 999	1 465



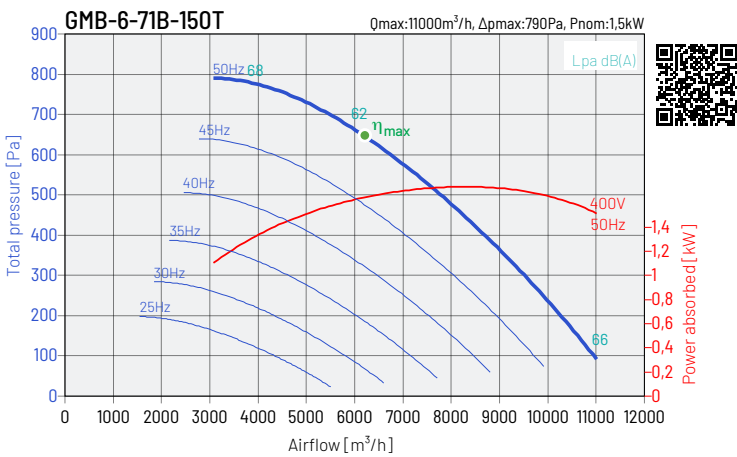
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	73,6	74,1	8,82	11 218	2 082	1 460



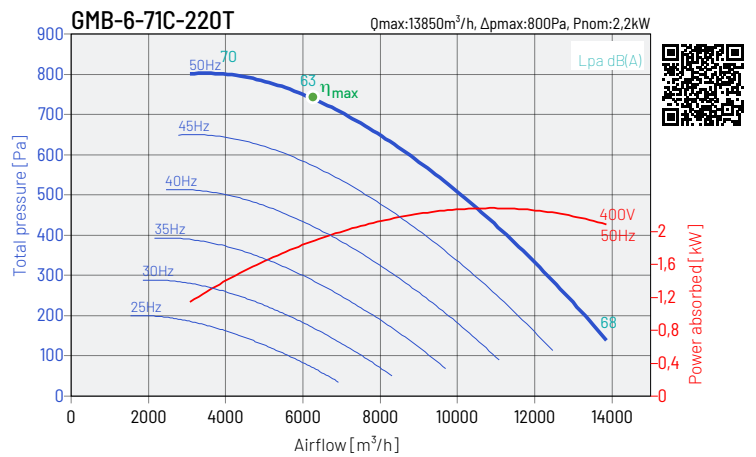
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	72,3	72,3	10,91	13 462	2 109	1 475



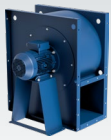
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	64,2	73,9	1,20	4 109	676	940



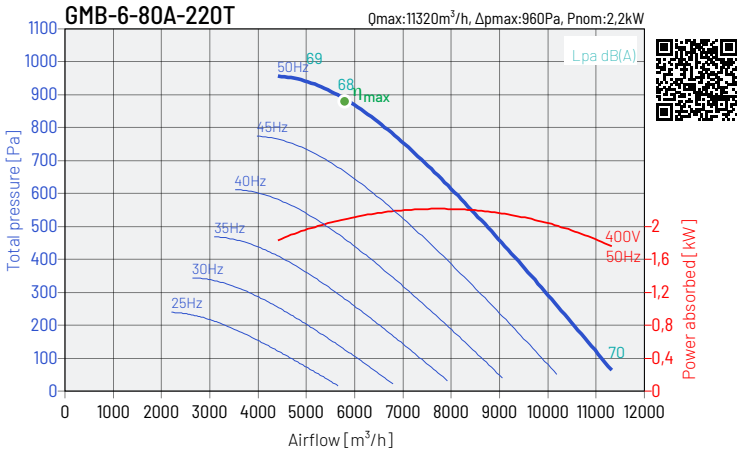
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	65,7	74,2	1,53	5 137	704	960



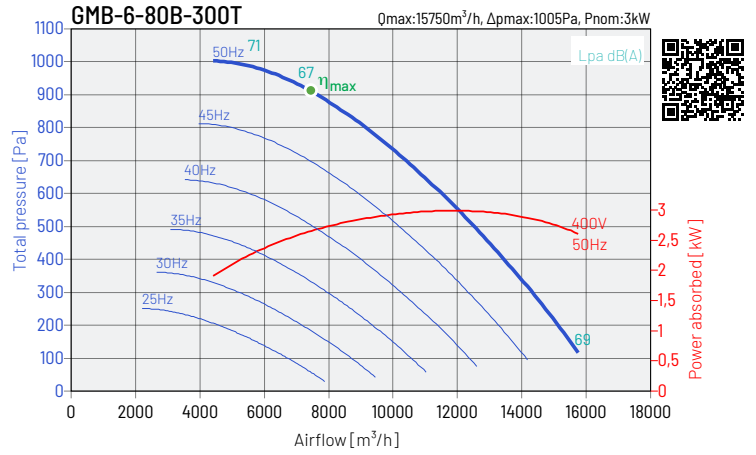
MC	EC	SR	VSD	$\eta\%$	N	kW	m³/h	Pa	rpm
C	static	1	no	65,4	73,0	1,87	6 164	713	965



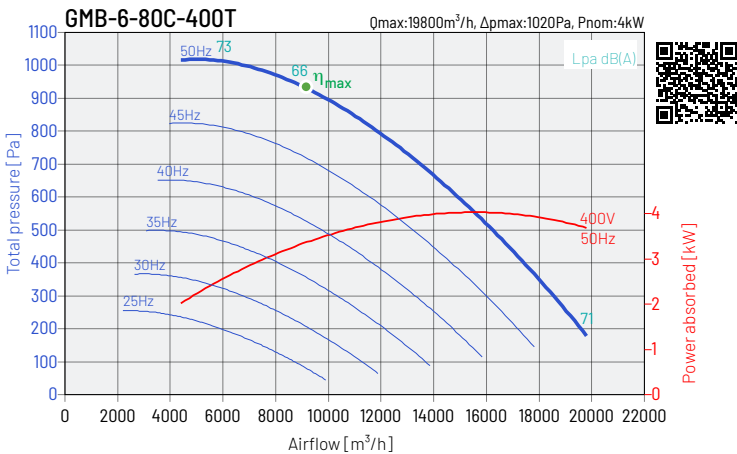
PERFORMANCE CHARACTERISTICS OF THE FANS



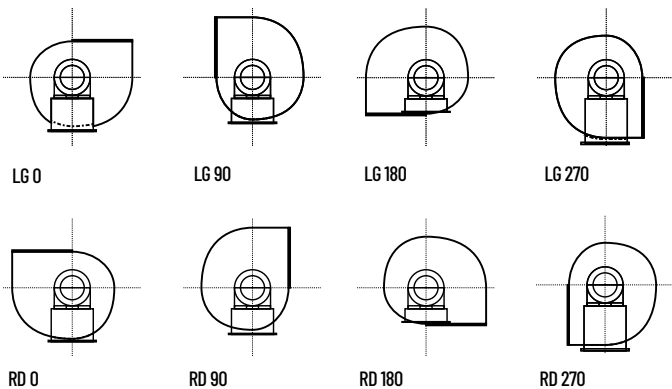
MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	66,8	73,9	2,10	5 878	858	965

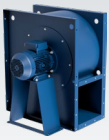


MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	69,2	75,3	2,64	7 348	893	965

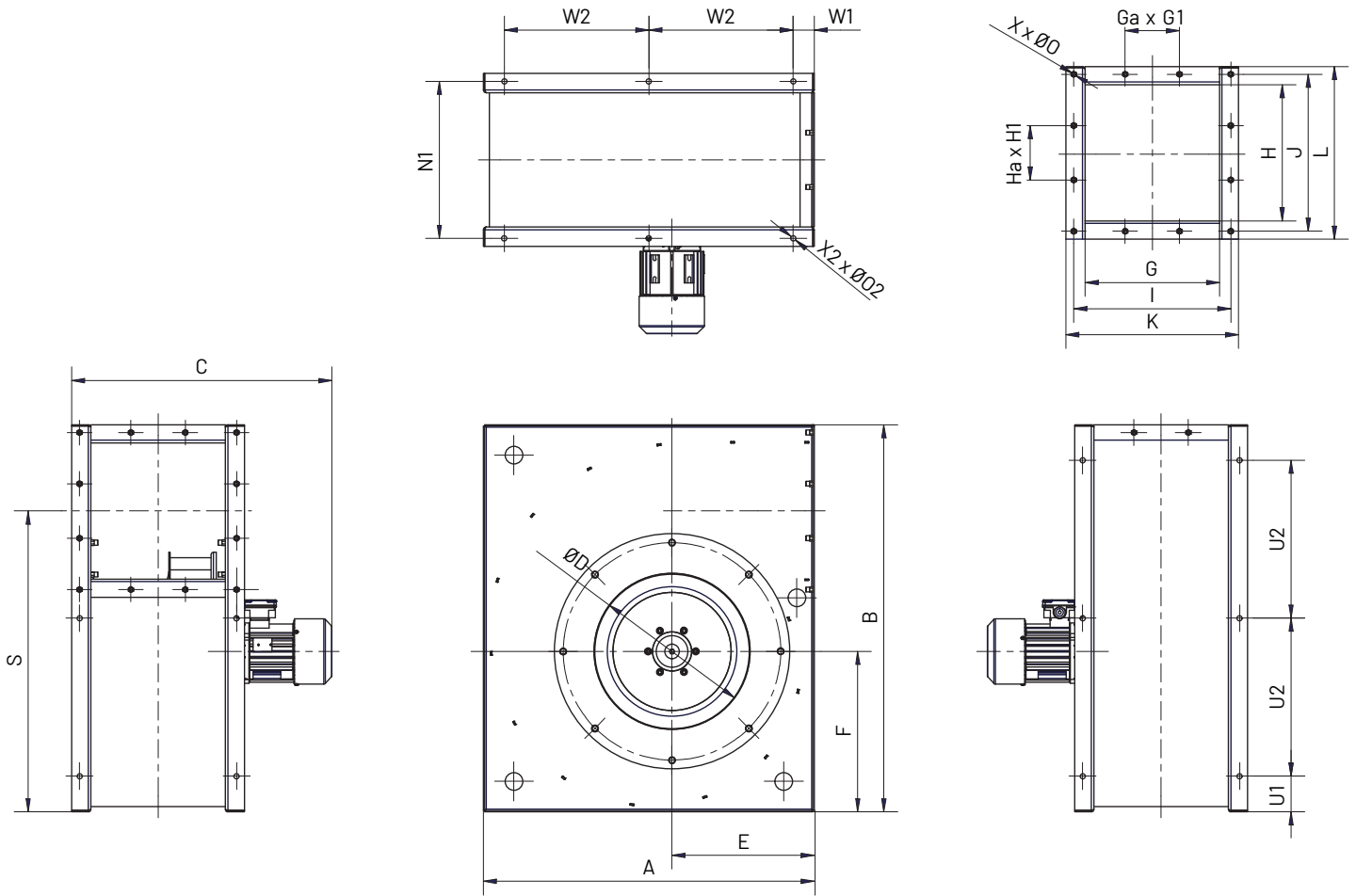


MC	EC	SR	VSD	$\eta\%$	N	kW	m ³ /h	Pa	rpm
C	static	1	no	67,2	72,3	3,30	8 817	905	965





DIMENSIONS - FIGURE LG90

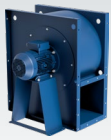


type	A mm	B mm	C* mm	ØD mm	ØD1 mm	E mm	F mm	G mm	Ga mm	G1 mm	H mm	Ha mm	H1 mm	I mm	J mm	K mm
FIGURE LG90																
GMB-X-25 LG90	425	505	395	200	300	177	212	175	1	100	175	1	100	216	216	229
GMB-X-28 LG90	475	565	474	225	325	202	236	200	1	100	200	1	100	236	236	262
GMB-X-31 LG90	535	630	520	253	350	227	263	216	1	100	222	1	100	260	260	286
GMB-X-35 LG90	600	705	579	283	400	257	295	244	1	125	248	1	125	286	286	312
GMB-X-40 LG90	675	790	592	318	460	287	332	274	1	125	278	1	125	326	326	362
GMB-X-45 LG90	760	890	626	358	500	327	369	309	1	125	313	1	125	361	361	397
GMB-X-50 LG90	840	990	694	404	550	357	416	349	1	125	353	1	125	401	401	437
GMB-X-56 LG90	940	1110	738	454	620	397	472	394	1	125	398	1	125	446	446	482
GMB-X-71 LG90	1190	1390	830	564	790	507	588	492	3	125	498	3	125	546	546	586

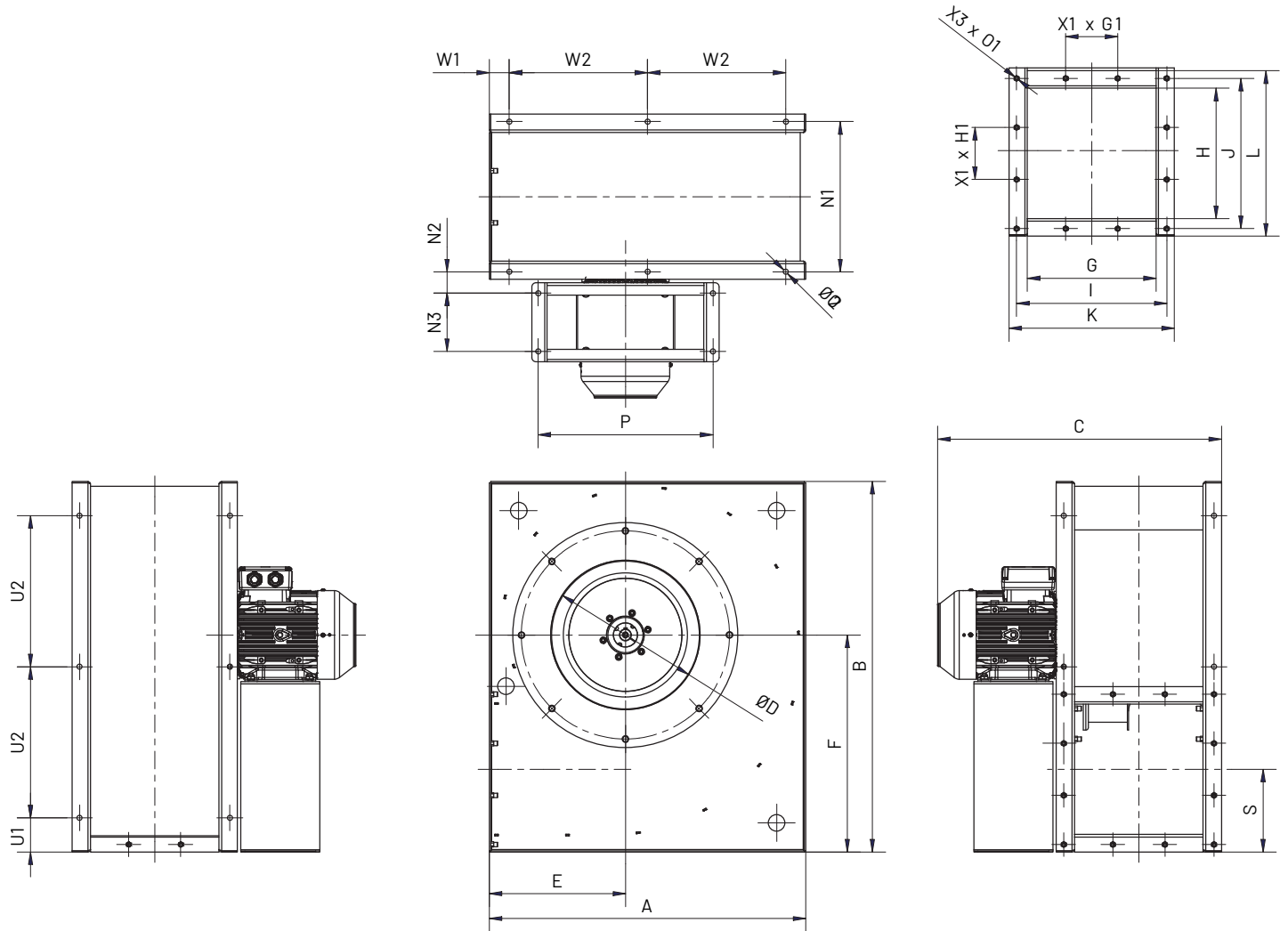
* dimension for the longest motor version (depending on the motor manufacturer)

type	L mm	N1 mm	N2* mm	N3* mm	P mm	S mm	U1 mm	U2 mm	W1 mm	W2 mm	X mm	Ø0 mm	X1 mm	Ø1 mm	X2 mm	Ø2 mm
FIGURE LG90																
GMB-X-25 LG90	229	216	-	-	-	391	82	341	48	329	12	M6	8	M6	4	10
GMB-X-28 LG90	262	236	-	-	-	434	82	401	48	379	12	M6	8	M6	4	10
GMB-X-31 LG90	286	260	-	-	-	487	82	466	48	439	12	M8	8	M6	6	10
GMB-X-35 LG90	312	286	-	-	-	549	82	541	48	504	12	M8	8	M6	6	10
GMB-X-40 LG90	362	326	-	-	-	609	82	313	48	290	12	M8	8	M8	6	10
GMB-X-45 LG90	397	361	-	-	-	692	82	363	48	332	12	M8	8	M8	6	12
GMB-X-50 LG90	437	401	-	-	-	772	82	413	48	372	12	M10	12	M8	6	12
GMB-X-56 LG90	482	446	-	-	-	869	82	473	48	422	12	M10	12	M8	6	12
GMB-X-71 LG90	590	546	-	-	-	1095	82	613	82	513	20	M12	12	M10	6	14

* dimension for the longest motor version (depending on the motor manufacturer)



DIMENSIONS - FIGURE LG270

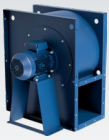


type	A mm	B mm	C* mm	ØD mm	ØD1 mm	E mm	F mm	G mm	Ga mm	G1 mm	H mm	Ha mm	H1 mm	I mm	J mm	K mm
FIGURE LG270																
GMB-X-45 LG270	760	890	742	358	500	327	521	309	1	125	313	1	125	361	361	397
GMB-X-50 LG270	840	990	890	404	550	357	575	349	1	125	353	1	125	401	401	437
GMB-X-56 LG270	940	1110	935	454	620	397	638	394	1	125	398	1	125	446	446	482
GMB-X-63 LG270	1060	1230	1167	504	700	447	713	444	3	125	448	3	125	496	496	532
GMB-X-71 LG270	1190	1390	954	564	790	507	802	492	3	125	498	3	125	546	546	586
GMB-X-80 LG270	1350	1560	1099	634	880	580	898	552	3	125	558	3	125	606	606	646

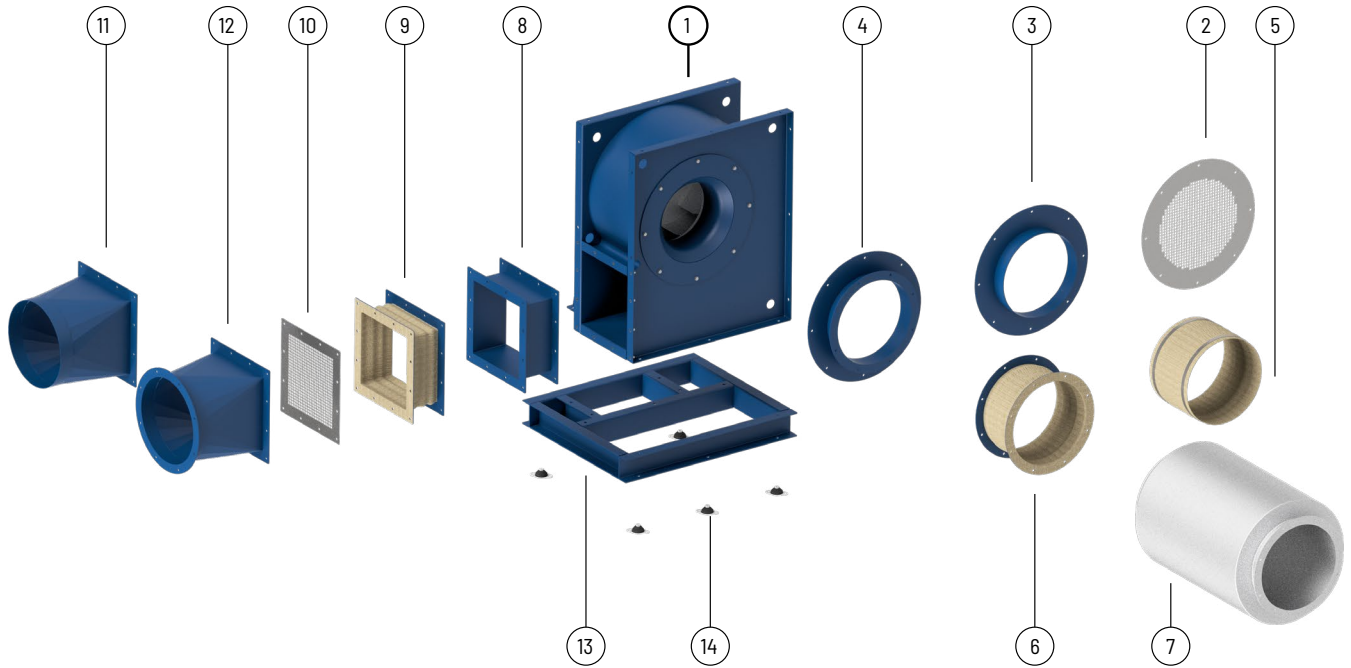
* dimension for the longest motor version (depending on the motor manufacturer)

type	L mm	N1 mm	N2* mm	N3* mm	P mm	S mm	U1 mm	U2 mm	W1 mm	W2 mm	X mm	Ø0 mm	X1 mm	Ø01 mm	X2 mm	Ø02 mm
FIGURE LG270																
GMB-X-45 LG270	361	51	140	420	199	82	363	48	332	329	12	M8	8	M8	6	12
GMB-X-50 LG270	401	51	160	500	219	82	413	48	372	379	12	M10	12	M8	6	12
GMB-X-56 LG270	446	51	180	540	241	82	473	48	422	439	12	M10	12	M8	6	12
GMB-X-63 LG270	496	51	200	560	266	82	533	48	482	504	20	M10	12	M10	6	12
GMB-X-71 LG270	546	58	130	560	295	82	513	82	613	290	20	M8	12	M10	6	14
GMB-X-80 LG270	606	58	150	580	325	82	698	82	593	332	20	M12	16	M10	6	14

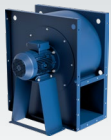
* dimension for the longest motor version (depending on the motor manufacturer)



MOUNTING ACCESSORIES



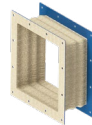
type	inlet guard protection grille	inlet connector	connector with flange	circular flexible connector	circular flexible connector with flange	silencer	rectangular outlet connector
GMB-2-25	SW GMB-250	KW GMB-250	KWK GMB-250	ZPO GMB-250	ZPOK GMB-250	Silencer GMB-250	KWP GMB-250
GMB-2-28	SW GMB-280	KW GMB-280	KWK GMB-280	ZPO GMB-280	ZPOK GMB-280	Silencer GMB-280	KWP GMB-280
GMB-2-31	SW GMB-315	KW GMB-315	KWK GMB-315	ZPO GMB-315	ZPOK GMB-315	Silencer GMB-315	KWP GMB-315
GMB-2-35	SW GMB-355	KW GMB-355	KWK GMB-355	ZPO GMB-355	ZPOK GMB-355	Silencer GMB-355	KWP GMB-355
GMB-2-40	SW GMB-400	KW GMB-400	KWK GMB-400	ZPO GMB-400	ZPOK GMB-400	Silencer GMB-400	KWP GMB-400
GMB-2-45	SW GMB-450	KW GMB-450	KWK GMB-450	ZPO GMB-450	ZPOK GMB-450	Silencer GMB-450	KWP GMB-450
GMB-2-50	SW GMB-500	KW GMB-500	KWK GMB-500	ZPO GMB-500	ZPOK GMB-500	Silencer GMB-500	KWP GMB-500
GMB-2-56	SW GMB-560	KW GMB-560	KWK GMB-560	ZPO GMB-560	ZPOK GMB-560	Silencer GMB-560	KWP GMB-560
GMB-2-63	SW GMB-630	KW GMB-630	KWK GMB-630	ZPO GMB-630	ZPOK GMB-630	Silencer GMB-630	KWP GMB-630
GMB-4-35	SW GMB-355	KW GMB-355	KWK GMB-355	ZPO GMB-355	ZPOK GMB-355	Silencer GMB-355	KWP GMB-355
GMB-4-40	SW GMB-400	KW GMB-400	KWK GMB-400	ZPO GMB-400	ZPOK GMB-400	Silencer GMB-400	KWP GMB-400
GMB-4-45	SW GMB-450	KW GMB-450	KWK GMB-450	ZPO GMB-450	ZPOK GMB-450	Silencer GMB-450	KWP GMB-450
GMB-4-50	SW GMB-500	KW GMB-500	KWK GMB-500	ZPO GMB-500	ZPOK GMB-500	Silencer GMB-500	KWP GMB-500
GMB-4-56	SW GMB-560	KW GMB-560	KWK GMB-560	ZPO GMB-560	ZPOK GMB-560	Silencer GMB-560	KWP GMB-560
GMB-4-63	SW GMB-630	KW GMB-630	KWK GMB-630	ZPO GMB-630	ZPOK GMB-630	Silencer GMB-630	KWP GMB-630
GMB-4-71	SW GMB-710	KW GMB-710	KWK GMB-710	ZPO GMB-710	ZPOK GMB-710	Silencer GMB-710	KWP GMB-710
GMB-4-80	SW GMB-800	KW GMB-800	KWK GMB-800	ZPO GMB-800	ZPOK GMB-800	Silencer GMB-800	KWP GMB-800
GMB-6-71	SW GMB-710	KW GMB-710	KWK GMB-710	ZPO GMB-710	ZPOK GMB-710	Silencer GMB-710	KWP GMB-710
GMB-6-80	SW GMB-800	KW GMB-800	KWK GMB-800	ZPO GMB-800	ZPOK GMB-800	Silencer GMB-800	KWP GMB-800



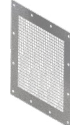
MOUNTING ACCESSORIES



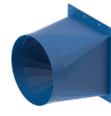
1



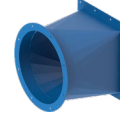
9



10



11



12



13

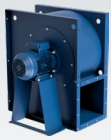


14

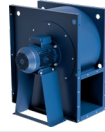
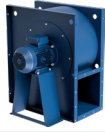
type	rectangular flexible connector	outlet guard protection grille	reduction	reduction with flange	frame	vibroisolator
GMB-2-25	ZPP GMB-250	SWY GMB-250	R GMB-250	RK GMB-250	-	4 x AVM-20
GMB-2-28	ZPP GMB-280	SWY GMB-280	R GMB-280	RK GMB-280	-	4 x AVM-20
GMB-2-31	ZPP GMB-315	SWY GMB-315	R GMB-315	RK GMB-315	-	4 x AVM-20
GMB-2-35	ZPP GMB-355	SWY GMB-355	R GMB-355	RK GMB-355	-	4 x AVM-20
GMB-2-40	ZPP GMB-400	SWY GMB-400	R GMB-400	RK GMB-400	-	4 x AVM-20
GMB-2-45	ZPP GMB-450	SWY GMB-450	R GMB-450	RK GMB-450	Frame GMB-450	6 x AVM-35
GMB-2-50	ZPP GMB-500	SWY GMB-500	R GMB-500	RK GMB-500	Frame GMB-500	6 x AVM-35
GMB-2-56	ZPP GMB-560	SWY GMB-560	R GMB-560	RK GMB-560	Frame GMB-560	6 x AVM-140
GMB-2-63	ZPP GMB-630	SWY GMB-630	R GMB-630	RK GMB-630	Frame GMB-630	6 x AVM-140
GMB-4-35	ZPP GMB-355	SWY GMB-355	R GMB-355	RK GMB-355	-	4 x AVM-20
GMB-4-40	ZPP GMB-400	SWY GMB-400	R GMB-400	RK GMB-400	-	4 x AVM-20
GMB-4-45	ZPP GMB-450	SWY GMB-450	R GMB-450	RK GMB-450	-	6 x AVM-20
GMB-4-50	ZPP GMB-500	SWY GMB-500	R GMB-500	RK GMB-500	-	6 x AVM-20
GMB-4-56	ZPP GMB-560	SWY GMB-560	R GMB-560	RK GMB-560	Frame GMB-560	6 x AVM-35
GMB-4-63	ZPP GMB-630	SWY GMB-630	R GMB-630	RK GMB-630	Frame GMB-630	6 x AVM-35
GMB-4-71	ZPP GMB-710	SWY GMB-710	R GMB-710	RK GMB-710	Frame GMB-710	6 x AVM-140
GMB-4-80	ZPP GMB-800	SWY GMB-800	R GMB-800	RK GMB-800	Frame GMB-800	6 x AVM-140
GMB-6-71	ZPP GMB-710	SWY GMB-710	R GMB-710	RK GMB-710	Frame GMB-710	6 x AVM-140
GMB-6-80	ZPP GMB-800	SWY GMB-800	R GMB-800	RK GMB-800	Frame GMB-800	6 x AVM-140

Article numbers

40542800 SW GMB-250	40542841 KWK GMB-250	40542881 ZPOK GMB-250	40542852 KWP GMB-250	40542811 SWY GMB-250	40542911 RK GMB-250
40542801 SW GMB-280	40542842 KWK GMB-280	40542882 ZPOK GMB-280	40542853 KWP GMB-280	40542812 SWY GMB-280	40542912 RK GMB-280
40542802 SW GMB-315	40542843 KWK GMB-315	40542883 ZPOK GMB-315	40542854 KWP GMB-315	40542813 SWY GMB-315	40542913 RK GMB-315
40542803 SW GMB-355	40542844 KWK GMB-355	40542884 ZPOK GMB-355	40542855 KWP GMB-355	40542814 SWY GMB-355	40542914 RK GMB-355
40542804 SW GMB-400	40542845 KWK GMB-400	40542885 ZPOK GMB-400	40542856 KWP GMB-400	40542815 SWY GMB-400	40542915 RK GMB-400
40542805 SW GMB-450	40542846 KWK GMB-450	40542886 ZPOK GMB-450	40542857 KWP GMB-450	40542816 SWY GMB-450	40542916 RK GMB-450
40542806 SW GMB-500	40542847 KWK GMB-500	40542887 ZPOK GMB-500	40542858 KWP GMB-500	40542817 SWY GMB-500	40542917 RK GMB-500
40542807 SW GMB-560	40542848 KWK GMB-560	40542888 ZPOK GMB-560	40542859 KWP GMB-560	40542818 SWY GMB-560	40542918 RK GMB-560
40542808 SW GMB-630	40542849 KWK GMB-630	40542889 ZPOK GMB-630	40542860 KWP GMB-630	40542819 SWY GMB-630	40542919 RK GMB-630
40542809 SW GMB-710	40542850 KWK GMB-710	40542890 ZPOK GMB-710	40542861 KWP GMB-710	40542820 SWY GMB-710	40542920 RK GMB-710
40542810 SW GMB-800	40542851 KWK GMB-800	40542891 ZPOK GMB-800	40542862 KWP GMB-800	40542821 SWY GMB-800	40542921 RK GMB-800
40542830 KW GMB-250	40542870 ZPO GMB-250	40542930 Silencer GMB-250	40542892 ZPP GMB-250	40542910 R GMB-250	40542945 Frame GMB-450
40542831 KW GMB-280	40542871 ZPO GMB-280	40542931 Silencer GMB-280	40542893 ZPP GMB-280	40542911 R GMB-280	40542946 Frame GMB-500
40542832 KW GMB-315	40542872 ZPO GMB-315	40542932 Silencer GMB-315	40542894 ZPP GMB-315	40542912 R GMB-315	40542947 Frame GMB-560
40542833 KW GMB-355	40542873 ZPO GMB-355	40542933 Silencer GMB-355	40542895 ZPP GMB-355	40542913 R GMB-355	40542948 Frame GMB-630
40542834 KW GMB-400	40542874 ZPO GMB-400	40542934 Silencer GMB-400	40542896 ZPP GMB-400	40542914 R GMB-400	40542949 Frame GMB-710
40542835 KW GMB-450	40542875 ZPO GMB-450	40542935 Silencer GMB-450	40542897 ZPP GMB-450	40542915 R GMB-450	40542950 Frame GMB-800
40542836 KW GMB-500	40542876 ZPO GMB-500	40542936 Silencer GMB-500	40542898 ZPP GMB-500	40542916 R GMB-500	
40542837 KW GMB-560	40542877 ZPO GMB-560	40542937 Silencer GMB-560	40542899 ZPP GMB-560	40542917 R GMB-560	26040960 AVM-20
40542838 KW GMB-630	40542878 ZPO GMB-630	40542938 Silencer GMB-630	40542900 ZPP GMB-630	40542918 R GMB-630	26040965 AVM-35
40542839 KW GMB-710	40542879 ZPO GMB-710	40542939 Silencer GMB-710	40542901 ZPP GMB-710	40542919 R GMB-710	26040970 AVM-140
40542840 KW GMB-800	40542880 ZPO GMB-800	40542940 Silencer GMB-800	40542902 ZPP GMB-800	40542920 R GMB-800	



ELECTRICAL ACCESSORIES



type	inverter L	service switch
GMB-2-25A-018T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-2-25B-025T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-2-25C-037T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-2-28A-037T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-2-28B-055T	L 0,75 kW	R-S 3-F + SP, 10A
GMB-2-28C-055T	L 0,75 kW	R-S 3-F + SP, 10A
GMB-2-31A-055T	L 0,75 kW	R-S 3-F + SP, 10A
GMB-2-31B-075T	L 0,75 kW	R-S 3-F + SP, 10A
GMB-2-31C-110T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-2-35A-110T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-2-35B-150T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-2-35C-220T	L 2,2 kW	R-S 3-F + SP, 10A
GMB-2-40A-150T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-2-40B-220T	L 2,2 kW	R-S 3-F + SP, 10A
GMB-2-40C-300T	L 4,0 kW	R-S 3-F + SP, 10A
GMB-2-45A-300T	L 4,0 kW	R-S 3-F + SP, 10A
GMB-2-45B-400T	L 4,0 kW	R-S 3-F + SP, 10A
GMB-2-45C-550T	L 5,5 kW	R-S 3-F + SP, 16A
GMB-2-50A-550T	L 5,5 kW	R-S 3-F + SP, 16A
GMB-2-50B-750T	L 7,5 kW	R-S 3-F + SP, 16A
GMB-2-50C-1100T	L 11,0 kW	R-S 3-F + SP, 25A
GMB-2-56A-1100T	L 11,0 kW	R-S 3-F + SP, 25A
GMB-2-56B-1500T	L 15,0 kW	R-S 3-F + SP, 40A
GMB-2-56C-1850T	L 18,5 kW	R-S 3-F + SP, 40A
GMB-2-63A-1850T	L 18,5 kW	R-S 3-F + SP, 40A
GMB-2-63B-2200T	L 22,0 kW	R-S 3-F + SP, 40A
GMB-2-63C-3000T	L 30,0 kW	R-S 3-F + SP, 63A

type	inverter L	service switch
GMB-4-35A-012T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-4-35B-018T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-4-35C-025T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-4-40A-018T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-4-40B-025T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-4-40C-037T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-4-45A-037T	L 0,4 kW	R-S 3-F + SP, 10A
GMB-4-45B-055T	L 0,75 kW	R-S 3-F + SP, 10A
GMB-4-45C-075T	L 0,75 kW	R-S 3-F + SP, 10A
GMB-4-50A-075T	L 0,75 kW	R-S 3-F + SP, 10A
GMB-4-50B-110T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-4-50C-150T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-4-56A-110T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-4-56B-150T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-4-56C-220T	L 2,2 kW	R-S 3-F + SP, 10A
GMB-4-63A-220T	L 2,2 kW	R-S 3-F + SP, 10A
GMB-4-63B-300T	L 4,0 kW	R-S 3-F + SP, 10A
GMB-4-63C-400T	L 4,0 kW	R-S 3-F + SP, 10A
GMB-4-71A-400T	L 4,0 kW	R-S 3-F + SP, 10A
GMB-4-71B-550T	L 5,5 kW	R-S 3-F + SP, 16A
GMB-4-71C-750T	L 7,5 kW	R-S 3-F + SP, 16A
GMB-4-80A-750T	L 7,5 kW	R-S 3-F + SP, 16A
GMB-4-80B-1100T	L 11,0 kW	R-S 3-F + SP, 25A
GMB-4-80C-1500T	L 15,0 kW	R-S 3-F + SP, 40A

type	inverter L	service switch
GMB-6-71A-110T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-6-71B-150T	L 1,5 kW	R-S 3-F + SP, 10A
GMB-6-71C-220T	L 2,2 kW	R-S 3-F + SP, 10A
GMB-6-80A-220T	L 2,2 kW	R-S 3-F + SP, 10A
GMB-6-80B-300T	L 4,0 kW	R-S 3-F + SP, 10A
GMB-6-80C-400T	L 4,0 kW	R-S 3-F + SP, 10A

Article numbers

40016302	Inverter L 0,4kW	91040908-01	R-S 3-F + SP, 10A
40016312	Inverter L 0,75kW	91040908	R-S 3-F + SP, 16A
40016322	Inverter L 1,5kW	91040910	R-S 3-F + SP, 25A
40016332	Inverter L 2,2kW	91040924	R-S 3-F + SP, 40A
40016352	Inverter L 4,0kW	91040911-03	R-S 3-F + SP, 63A
40016362	Inverter L 5,5kW		
40016372	Inverter L 7,5kW		
40016383	Inverter L 11,0kW		
40016393	Inverter L 15,0kW		
40016412	Inverter L 18,5kW		
40016422	Inverter L 22,0kW		