

MBGR ATEX



ATEX MEDIUM PRESSURE FAN WITH BACKWARD IMPELLER

MANUFACTURING FEATURES:

- Fan made of Fe360 sheet. The fan paint finish is based on a Qualicoat polyester powder coating stoved at 200°C, with an average film thickness of 70 microns. Average heat resistance of coating is 180°C with peaks of 200°C.
- Single inlet backward impeller with self-cleaning system made of Fe360 sheet statically and dynamically balanced. Impellers are painted with polyester primer that resists temperatures up to 300°C.
- ATEX standard asynchronous motor. ATEX certified according to the zone. squirrel-cage motor with class F insulation. Manufactured with standard voltages: 230/400V 50Hz for three phase motors up to 4kW and 400/690V 50Hz for higher powers.
- Available positions (to be indicated in case of order): LG270, LG0, LG45, LG90, LG135, LG180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD270, RD315.
- The indicated codes correspond to the model in position LG270

APPLICATIONS:

Designed for inline installation, they are suitable for:

- Industrial applications, extraction or injection of air.
- Cooling of machines and parts.
- Clean and slightly dusty air transport.
- Exhaust after filters, separators and cyclones.
- Pneumatic transport.
- Working temperature: ambient from -20°C to 40°C, transported air according to the ATEX classification.

UNDER REQUEST

- Fans for 60Hz and special voltages.
- Inox 304 (normal or electropolished finish)
- Inox 316 (normal or electropolished finish)
- Split casing (for big sizes)
- Drain plug.
- Frontal foot

Accessories



AB



AC



AVR



AVS



BA-400



**BADS
ATEX**



**BIDS
ATEX**



EI



FS



**INT
ATEX**



JE 45



RI



SFC

Technical data

Three-phase motor / 2 poles

Code	Model	R.P.M.	Rated I. A 400V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
502004027XN	MBGR 401 T2 2,2kW ATEX	2840	5,4	2,20	2.890	56	73	1
502004029XN	MBGR 402 T2 3kW ATEX	2900	7,3	3,00	3.610	59	81	1
502004532XN	MBGR 451 T2 4kW ATEX	2910	9,2	4,00	4.330	62	107	1
502004534XN	MBGR 452 T2 5,5kW ATEX	2910	11,46	5,50	5.410	66	136	1
502005036XN	MBGR 501 T2 7,5kW ATEX	2910	14,1	7,50	7.210	71	145	1
502005021XN	MBGR 502 T2 11kW ATEX	2940	21,4	11,00	8.650	72	210	1
502005621XN	MBGR 561 T2 11kW ATEX	2940	21,4	11,00	8.650	70	227	1
502005624XN	MBGR 562 T2 15kW ATEX	2935	27,4	15,00	12.610	74	240	1
502006328XN	MBGR 631 T2 22kW ATEX	2940	39,8	22,00	14.410	77	315	1
502006330XN	MBGR 632 T2 30kW ATEX	2955	56,6	30,00	18.010	78	400	1
502007131XN	MBGR 711 T2 37kW ATEX	2955	66,7	37,00	19.810	81	492	1
502007133XN	MBGR 712 T2 45kW ATEX	2960	78,00	45,00	21.610	82	602	1
502008037XN	MBGR 801 T2 75kW ATEX	2975	130,00	75,00	28.810	84	800	1
502008038XN	MBGR 802 T2 90kW ATEX	2975	156,00	90,00	36.010	85	860	1
502009023XN	MBGR 901 T2 132kW ATEX	2980	223,00	132,00	36.010	89	1065	1
502009025XN	MBGR 902 T2 160kW ATEX	2980	269,00	160,00	46.810	92	1090	1

Three-phase motor / 4 poles

Code	Model	R.P.M.	Rated I. A 400V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
502005646XN	MBGR 563 T4 1,5kW ATEX	1415	3,8	1,50	4.690	53	165	1
502005654XN	MBGR 564 T4 2,2kW ATEX	1440	5,8	2,20	5.410	56	169	1
502006356XN	MBGR 633 T4 3kW ATEX	1420	6,8	3,00	6.130	58	180	1
502006359XN	MBGR 634 T4 4kW ATEX	1450	9,1	4,00	7.930	59	190	1
502007159XN	MBGR 713 T4 4kW ATEX	1450	9,1	4,00	9.370	62	249	1
502007161XN	MBGR 714 T4 5,5kW ATEX	1455	11,5	5,50	10.810	65	272	1
502008063XN	MBGR 803 T4 7,5kW ATEX	1448	15,6	7,50	10.810	65	370	1
502008049XN	MBGR 804 T4 11kW ATEX	1460	20,9	11,00	18.010	69	415	1
502009052XN	MBGR 903 T4 15kW ATEX	1465	29,8	15,00	19.810	67	495	1
502009055XN	MBGR 904 T4 22kW ATEX	1465	40,1	22,00	25.210	73	576	1
502010057XN	MBGR 1001 T4 30kW ATEX	1475	56,3	30,00	28.810	75	794	1
502010058XN	MBGR 1002 T4 37kW ATEX	1470	69,2	37,00	36.010	77	893	1

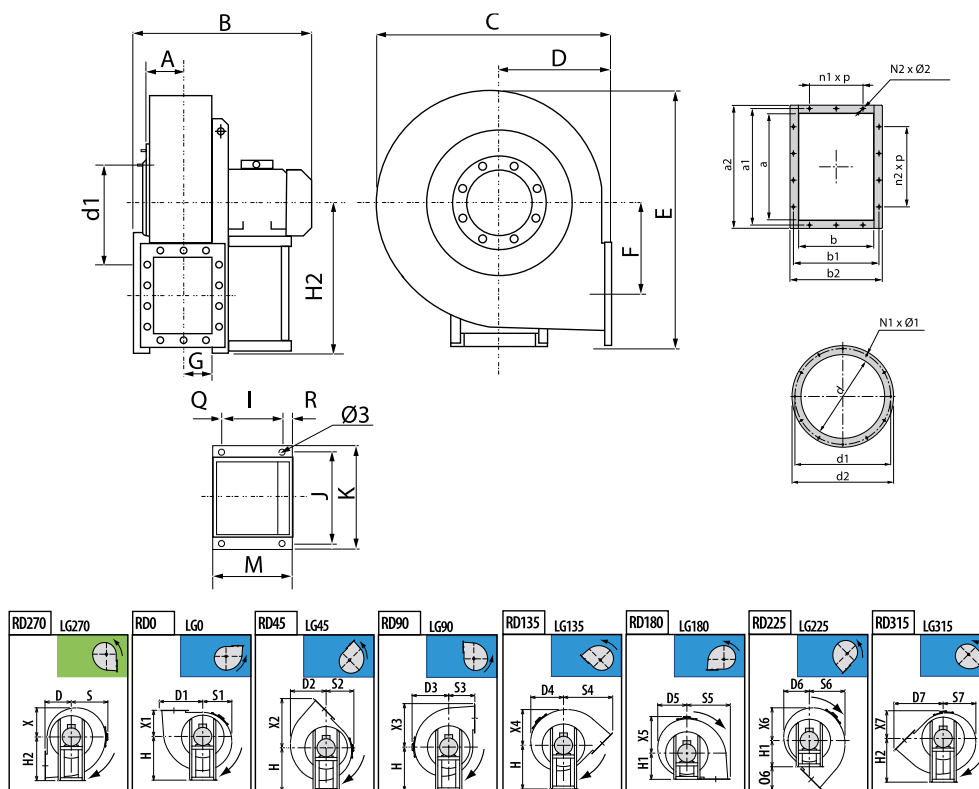
Three-phase motor / 6 poles

Code	Model	R.P.M.	Rated I. A		Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
			230V	400V					
502009083XN	MBGR 905 T6 4kW ATEX	960	16,5	9,46	4,00	10.810	55	441	1
502009085XN	MBGR 906 T6 5,5kW ATEX	960	-	12,8	5,50	14.410	57	450	1
502010087XN	MBGR 1003 T6 7,5kW ATEX	965	-	15,2	7,50	18.010	62	613	1
502010075XN	MBGR 1004 T6 11kW ATEX	965	-	22,6	11,00	21.610	67	626	1

Notes:

** Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

Dimensions



Model	A	B	C	D	D1	D2	D3	D4	D5
MBGR 401 T2 2,2kW ATEX	105	511	685	285	483	387	400	353	315
MBGR 402 T2 3kW ATEX	105	560	655	285	483	387	400	353	315
MBGR 451 T2 4kW ATEX	115	585	735	320	541	435	445	398	354
MBGR 452 T2 5,5kW ATEX	115	647	735	320	541	435	445	398	354
MBGR 501 T2 7,5kW ATEX	127	671	832	360	597	490	502	450	400
MBGR 502 T2 11kW ATEX	127	807	832	360	597	490	502	450	400

Model	D6	D7	E	F	G	H	H1	H2	I
MBGR 401 T2 2,2kW ATEX	306	543	815	319	95	500	285	500	133
MBGR 402 T2 3kW ATEX	306	543	815	319	95	500	285	500	197
MBGR 451 T2 4kW ATEX	342	609	915	357	106	560	320	560	197
MBGR 452 T2 5,5kW ATEX	342	609	915	357	106	560	320	560	237
MBGR 501 T2 7,5kW ATEX	380	676	1000	396	118	600	360	600	237
MBGR 502 T2 11kW ATEX	380	676	1000	396	118	600	360	600	337

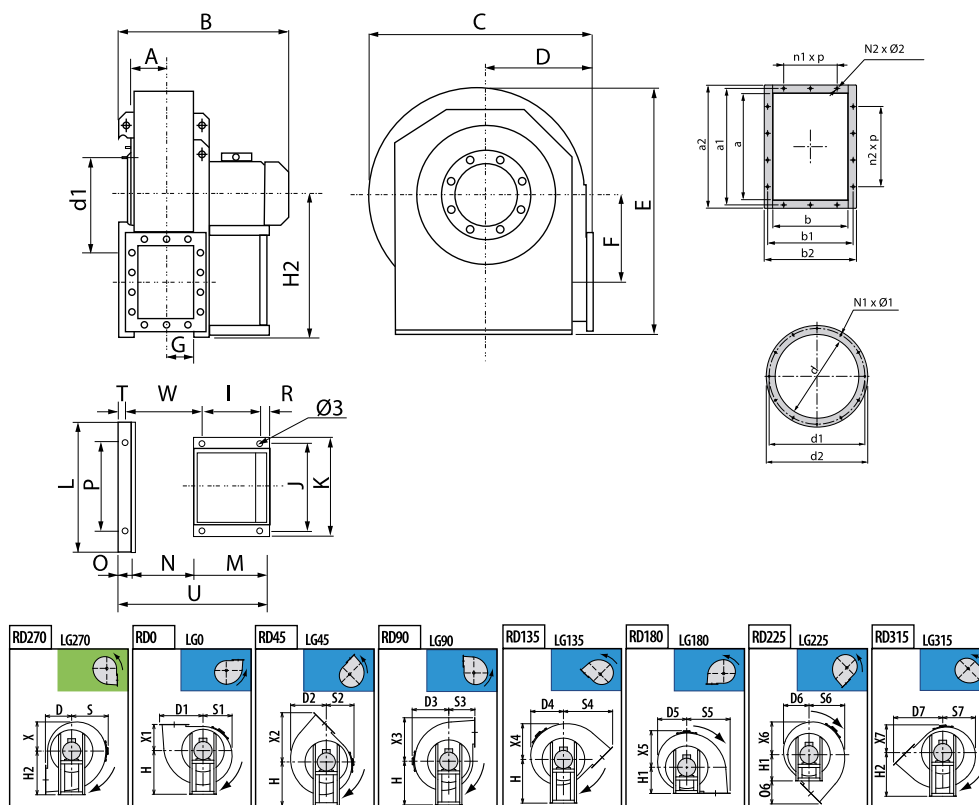
Model	J	K	M	N1xØ1	N2xØ2	O6	Q	R	S
MBGR 401 T2 2,2kW ATEX	234	260	246	Nº8 M8x20	10x12	258	55	58	400

Model	J	K	M	N1xØ1	N2xØ2	O6	Q	R	S
MBGR 402 T2 3kW ATEX	289	324	276	Nº8 M8x20	10x12	258	30	49	400
MBGR 451 T2 4kW ATEX	289	324	276	Nº8 M8x20	10x12	289	30	49	445
MBGR 452 T2 5,5kW ATEX	337	372	336	Nº8 M8x20	10x12	289	40	59	445
MBGR 501 T2 7,5kW ATEX	337	372	336	Nº8 M8x20	10x12	316	40	59	502
MBGR 502 T2 11kW ATEX	395	440	436	Nº8 M8x20	10x12	316	50	49	502

Model	S1	S2	S3	S4	S5	S6	S7	X	X1
MBGR 401 T2 2,2kW ATEX	315	306	285	543	483	387	353	315	285
MBGR 402 T2 3kW ATEX	315	306	285	543	483	387	353	315	285
MBGR 451 T2 4kW ATEX	354	342	320	609	541	435	398	354	320
MBGR 452 T2 5,5kW ATEX	354	342	320	609	541	435	398	354	320
MBGR 501 T2 7,5kW ATEX	400	380	360	676	597	490	450	400	360
MBGR 502 T2 11kW ATEX	400	380	360	676	597	490	450	400	360

Model	X2	X3	X4	X5	X6	X7	a	a1	a2
MBGR 401 T2 2,2kW ATEX	543	483	387	400	353	306	258	292	328
MBGR 402 T2 3kW ATEX	543	483	387	400	353	306	258	292	328
MBGR 451 T2 4kW ATEX	609	541	435	445	398	342	288	332	368
MBGR 452 T2 5,5kW ATEX	609	541	435	445	398	342	288	332	368
MBGR 501 T2 7,5kW ATEX	676	597	490	502	450	380	322	366	402
MBGR 502 T2 11kW ATEX	676	597	490	502	450	380	322	366	402

Model	b	b1	b2	d	d1	d2	n1xp	n2xp	Ø3
MBGR 401 T2 2,2kW ATEX	185	219	255	255	292	325	1x112	2x112	12
MBGR 402 T2 3kW ATEX	185	219	255	255	292	325	1x112	2x112	12
MBGR 451 T2 4kW ATEX	205	249	285	285	332	365	1x125	2x125	12
MBGR 452 T2 5,5kW ATEX	205	249	285	285	332	365	1x125	2x125	12
MBGR 501 T2 7,5kW ATEX	229	273	309	320	366	400	1x125	2x125	12
MBGR 502 T2 11kW ATEX	229	273	309	320	366	400	1x125	2x125	12



Model	A	B	C	D	D1	D2	D3	D4	D5
MBGR 561 T2 11kW ATEX	142	847	940	400	657	555	570	542	485
MBGR 562 T2 15kW ATEX	142	847	940	400	657	555	570	542	485
MBGR 563 T4 1,5kW ATEX	142	579	940	400	657	555	570	542	485
MBGR 564 T4 2,2kW ATEX	142	649	940	400	657	555	570	542	485
MBGR 631 T2 22kW ATEX	158	954	1052	450	732	619	630	603	540
MBGR 632 T2 30kW ATEX	158	954	1052	450	732	619	630	603	540
MBGR 633 T4 3kW ATEX	158	681	1052	450	732	619	630	603	540
MBGR 634 T4 4kW ATEX	158	681	1052	450	732	619	630	603	540

Model	D6	D7	E	F	G	H	H1	H2	I
MBGR 561 T2 11kW ATEX	425	747	1126	436	132	670	400	670	337
MBGR 562 T2 15kW ATEX	425	747	1126	436	132	670	400	670	337
MBGR 563 T4 1,5kW ATEX	425	747	1126	436	132	670	400	670	133
MBGR 564 T4 2,2kW ATEX	425	747	1126	436	132	670	400	670	197
MBGR 631 T2 22kW ATEX	476	836	1260	490	148	750	450	750	357
MBGR 632 T2 30kW ATEX	476	836	1260	490	148	750	450	750	381
MBGR 633 T4 3kW ATEX	476	836	1260	490	148	750	450	750	197
MBGR 634 T4 4kW ATEX	476	836	1260	490	148	750	450	750	197

Model	J	K	L	M	N	N1xØ1	N2xØ2	O	O6
MBGR 561 T2 11kW ATEX	395	440	692	436	260	Nº8 M8x20	10x12	53	347
MBGR 562 T2 15kW ATEX	395	440	692	436	260	Nº8 M8x20	10x12	53	347
MBGR 563 T4 1,5kW ATEX	234	260	692	246	260	Nº8 M8x20	10x12	53	347
MBGR 564 T4 2,2kW ATEX	289	324	692	276	260	Nº8 M8x20	10x12	53	347
MBGR 631 T2 22kW ATEX	434	488	762	460	292	Nº12 M8x20	14x12	53	386
MBGR 632 T2 30kW ATEX	506	568	762	500	292	Nº12 M8x20	14x12	53	386
MBGR 633 T4 3kW ATEX	289	324	762	276	292	Nº12 M8x20	14x12	53	386
MBGR 634 T4 4kW ATEX	289	324	762	276	292	Nº12 M8x20	14x12	53	386

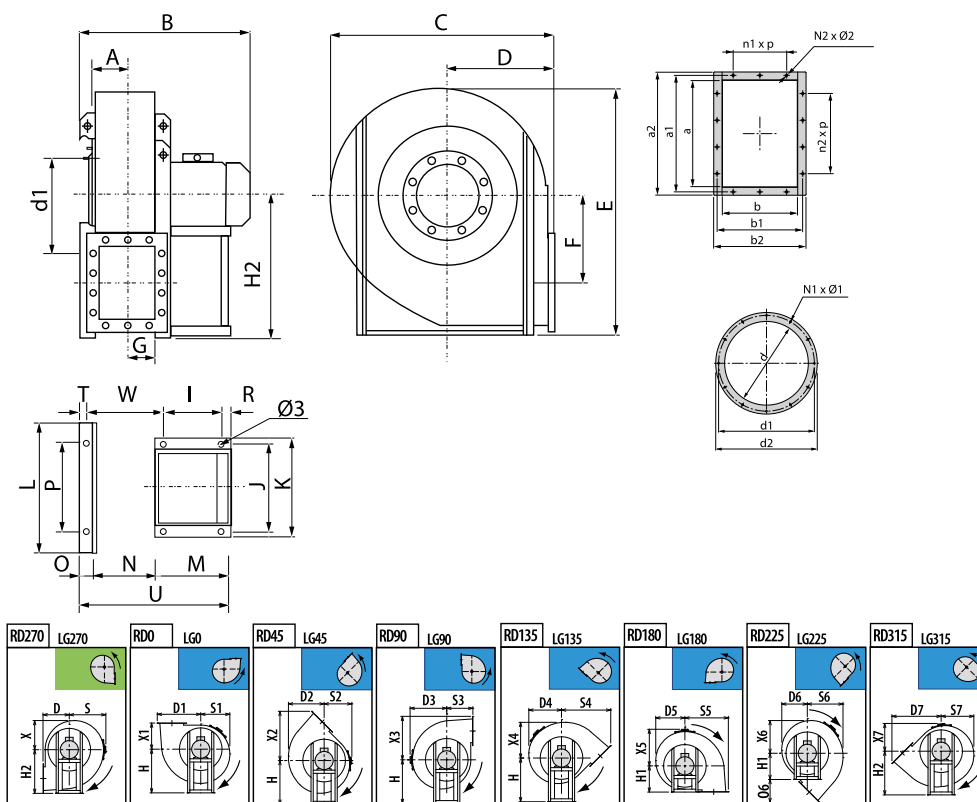
Model	P	R	S	S1	S2	S3	S4	S5	S6
MBGR 561 T2 11kW ATEX	632	49	570	485	425	400	747	657	555
MBGR 562 T2 15kW ATEX	632	49	570	485	425	400	747	657	555
MBGR 563 T4 1,5kW ATEX	632	58	570	485	425	400	747	657	555
MBGR 564 T4 2,2kW ATEX	632	49	570	485	425	400	747	657	555
MBGR 631 T2 22kW ATEX	702	33	630	540	476	450	836	732	619
MBGR 632 T2 30kW ATEX	702	39	630	540	476	450	836	732	619
MBGR 633 T4 3kW ATEX	702	49	630	540	476	450	836	732	619
MBGR 634 T4 4kW ATEX	702	49	630	540	476	450	836	732	619

Model	S7	T	U	W	X	X1	X2	X3	X4
MBGR 561 T2 11kW ATEX	542	23	750	340	485	400	747	657	555
MBGR 562 T2 15kW ATEX	542	23	750	340	485	400	747	657	555
MBGR 563 T4 1,5kW ATEX	542	23	564	345	485	400	747	657	555
MBGR 564 T4 2,2kW ATEX	542	23	590	320	485	400	747	657	555
MBGR 631 T2 22kW ATEX	603	23	805	392	540	450	836	732	619
MBGR 632 T2 30kW ATEX	603	23	845	402	540	450	836	732	619
MBGR 633 T4 3kW ATEX	603	23	621	352	540	450	836	732	619
MBGR 634 T4 4kW ATEX	603	23	621	352	540	450	836	732	619

Model	X5	X6	X7	a	a1	a2	b	b1	b2
MBGR 561 T2 11kW ATEX	570	542	425	361	405	441	256	300	336
MBGR 562 T2 15kW ATEX	570	542	425	361	405	441	256	300	336
MBGR 563 T4 1,5kW ATEX	570	542	425	361	405	441	256	300	336
MBGR 564 T4 2,2kW ATEX	570	542	425	361	405	441	256	300	336
MBGR 631 T2 22kW ATEX	630	603	476	404	448	484	288	332	368

Model	X5	X6	X7	a	a1	a2	b	b1	b2
MBGR 632 T2 30kW ATEX	630	603	476	404	448	484	288	332	368
MBGR 633 T4 3kW ATEX	630	603	476	404	448	484	288	332	368
MBGR 634 T4 4kW ATEX	630	603	476	404	448	484	288	332	368

Model	d	d1	d2	n1xp	n2xp	Ø3
MBGR 561 T2 11kW ATEX	360	405	440	1x125	2x125	14
MBGR 562 T2 15kW ATEX	360	405	440	1x125	2x125	14
MBGR 563 T4 1,5kW ATEX	360	405	440	1x125	2x125	10
MBGR 564 T4 2,2kW ATEX	360	405	440	1x125	2x125	12
MBGR 631 T2 22kW ATEX	405	448	485	2x125	3x125	18
MBGR 632 T2 30kW ATEX	405	448	485	2x125	3x125	20
MBGR 633 T4 3kW ATEX	405	448	485	2x125	3x125	12
MBGR 634 T4 4kW ATEX	405	448	485	2x125	3x125	12



Model	A	B	C	D	D1	D2	D3	D4	D5
MBGR 711 T2 37kW ATEX	185	995	1189	500	825	719	690	662	596
MBGR 712 T2 45kW ATEX	185	1072	1189	500	825	719	690	662	596
MBGR 713 T4 4kW ATEX	185	772	1189	500	825	719	690	662	596

Model	A	B	C	D	D1	D2	D3	D4	D5
MBGR 714 T4 5,5kW ATEX	185	784	1189	500	825	719	690	662	596
MBGR 801 T2 75kW ATEX	199	1260	1340	560	919	811	782	749	672
MBGR 802 T2 90kW ATEX	199	1260	1340	560	919	811	782	749	672
MBGR 803 T4 7,5kW ATEX	199	842	1340	560	919	811	782	749	672
MBGR 804 T4 11kW ATEX	199	978	1340	560	919	811	782	749	672
MBGR 901 T2 132kW ATEX	221	1446	1500	630	1038	905	870	835	721
MBGR 902 T2 160kW ATEX	221	1446	1500	630	1038	905	870	835	721
MBGR 903 T4 15kW ATEX	221	1022	1500	630	1038	905	870	835	721
MBGR 904 T4 22kW ATEX	221	1097	1500	630	1038	905	870	835	721
MBGR 905 T6 4kW ATEX	221	886	1500	630	1038	905	870	835	721
MBGR 906 T6 5,5kW ATEX	221	886	1500	630	1038	905	870	835	721
MBGR 1001 T4 30kW ATEX	246	1165	1685	710	1160	1015	976	936	813
MBGR 1002 T4 37kW ATEX	246	1242	1685	710	1160	1015	976	936	813
MBGR 1003 T6 7,5kW ATEX	246	1090	1685	710	1160	1015	976	936	813
MBGR 1004 T6 11kW ATEX	246	1090	1685	710	1160	1015	976	936	813

Model	D6	D7	E	F	G	H	H1	H2	I
MBGR 711 T2 37kW ATEX	497	937	1416	558	161	670	500	850	401
MBGR 712 T2 45kW ATEX	497	937	1416	558	161	670	500	850	440
MBGR 713 T4 4kW ATEX	497	937	1416	558	161	670	500	850	151
MBGR 714 T4 5,5kW ATEX	497	937	1416	558	161	670	500	850	201
MBGR 801 T2 75kW ATEX	562	1045	1591	625	180	755	560	950	591
MBGR 802 T2 90kW ATEX	562	1045	1591	625	180	755	560	950	591
MBGR 803 T4 7,5kW ATEX	562	1045	1591	625	180	755	560	950	201
MBGR 804 T4 11kW ATEX	562	1045	1591	625	180	755	560	950	316
MBGR 901 T2 132kW ATEX	633	1179	1780	703	202	850	630	1060	701
MBGR 902 T2 160kW ATEX	633	1179	1780	703	202	850	630	1060	701
MBGR 903 T4 15kW ATEX	633	1179	1780	703	202	850	630	1060	316
MBGR 904 T4 22kW ATEX	633	1179	1780	703	202	850	630	1060	361
MBGR 905 T6 4kW ATEX	633	1179	1780	703	202	850	630	1060	201
MBGR 906 T6 5,5kW ATEX	633	1179	1780	703	202	850	630	1060	201
MBGR 1001 T4 30kW ATEX	718	1322	1993	791	226	950	710	1180	400
MBGR 1002 T4 37kW ATEX	718	1322	1993	791	226	950	710	1180	440
MBGR 1003 T6 7,5kW ATEX	718	1322	1993	791	226	950	710	1180	315
MBGR 1004 T6 11kW ATEX	718	1322	1993	791	226	950	710	1180	315

Model	J	K	L	M	N	N1xØ1	N2xØ2	O	O6
MBGR 711 T2 37kW ATEX	772	826	914	500	322	Nº12 M8x25	14x12	60	437
MBGR 712 T2 45kW ATEX	772	826	914	540	322	Nº12 M8x25	14x12	60	437

Model	J	K	L	M	N	N1xØ1	N2xØ2	O	O6
MBGR 713 T4 4kW ATEX	772	826	914	276	322	Nº12 M8x25	14x12	60	437
MBGR 714 T4 5,5kW ATEX	772	826	914	336	322	Nº12 M8x25	14x12	60	437
MBGR 801 T2 75kW ATEX	862	926	1044	690	361	Nº12 M8x25	14x12	80	485
MBGR 802 T2 90kW ATEX	862	926	1044	690	361	Nº12 M8x25	14x12	80	485
MBGR 803 T4 7,5kW ATEX	862	926	1044	336	361	Nº12 M8x25	14x12	80	485
MBGR 804 T4 11kW ATEX	862	926	1044	436	361	Nº12 M8x25	14x12	80	485
MBGR 901 T2 132kW ATEX	962	1026	1144	800	404	Nº12 M8x25	14x14	80	549
MBGR 902 T2 160kW ATEX	962	1026	1144	800	404	Nº12 M8x25	14x14	80	549
MBGR 903 T4 15kW ATEX	962	1026	1144	436	404	Nº12 M8x25	14x14	80	549
MBGR 904 T4 22kW ATEX	962	1026	1144	460	404	Nº12 M8x25	14x14	80	549
MBGR 905 T6 4kW ATEX	962	1026	1144	336	404	Nº12 M8x25	14x14	80	549
MBGR 906 T6 5,5kW ATEX	962	1026	1144	336	404	Nº12 M8x25	14x14	80	549
MBGR 1001 T4 30kW ATEX	1056	1128	1254	500	453	Nº12 M10x30	14x14	100	612
MBGR 1002 T4 37kW ATEX	1056	1128	1254	540	453	Nº12 M10x30	14x14	100	612
MBGR 1003 T6 7,5kW ATEX	1056	1128	1254	436	453	Nº12 M10x30	14x14	100	612
MBGR 1004 T6 11kW ATEX	1056	1128	1254	436	453	Nº12 M10x30	14x14	100	612

Model	P	R	S	S1	S2	S3	S4	S5	S6
MBGR 711 T2 37kW ATEX	772	39	690	596	497	500	937	825	719
MBGR 712 T2 45kW ATEX	772	39	690	596	497	500	937	825	719
MBGR 713 T4 4kW ATEX	772	65	690	596	497	500	937	825	719
MBGR 714 T4 5,5kW ATEX	772	75	690	596	497	500	937	825	719
MBGR 801 T2 75kW ATEX	862	39	782	672	562	560	1045	919	811
MBGR 802 T2 90kW ATEX	862	39	782	672	562	560	1045	919	811
MBGR 803 T4 7,5kW ATEX	862	75	782	672	562	560	1045	919	811
MBGR 804 T4 11kW ATEX	862	60	782	672	562	560	1045	919	811
MBGR 901 T2 132kW ATEX	962	39	870	721	633	630	1179	1038	905
MBGR 902 T2 160kW ATEX	962	39	870	721	633	630	1179	1038	905
MBGR 903 T4 15kW ATEX	962	60	870	721	633	630	1179	1038	905

Model	P	R	S	S1	S2	S3	S4	S5	S6
MBGR 904 T4 22kW ATEX	962	39	870	721	633	630	1179	1038	905
MBGR 905 T6 4kW ATEX	962	75	870	721	633	630	1179	1038	905
MBGR 906 T6 5,5kW ATEX	962	75	870	721	633	630	1179	1038	905
MBGR 1001 T4 30kW ATEX	1056	45	976	813	718	710	1322	1160	1015
MBGR 1002 T4 37kW ATEX	1056	45	976	813	718	710	1322	1160	1015
MBGR 1003 T6 7,5kW ATEX	1056	66	976	813	718	710	1322	1160	1015
MBGR 1004 T6 11kW ATEX	1056	66	976	813	718	710	1322	1160	1015

Model	S7	T	U	W	X	X1	X2	X3	X4
MBGR 711 T2 37kW ATEX	662	27	882	415	596	500	937	825	719
MBGR 712 T2 45kW ATEX	662	27	992	415	596	500	937	825	719
MBGR 713 T4 4kW ATEX	662	27	658	415	596	500	937	825	719
MBGR 714 T4 5,5kW ATEX	662	27	682	415	596	500	937	825	719
MBGR 801 T2 75kW ATEX	749	47	1131	454	672	560	1045	919	811
MBGR 802 T2 90kW ATEX	749	47	1131	454	672	560	1045	919	811
MBGR 803 T4 7,5kW ATEX	749	47	778	454	672	560	1045	919	811
MBGR 804 T4 11kW ATEX	749	47	878	454	672	560	1045	919	811
MBGR 901 T2 132kW ATEX	835	47	1284	497	721	630	1179	1038	905
MBGR 902 T2 160kW ATEX	835	47	1284	497	721	630	1179	1038	905
MBGR 903 T4 15kW ATEX	835	47	920	497	721	630	1179	1038	905
MBGR 904 T4 22kW ATEX	835	47	944	497	721	630	1179	1038	905
MBGR 905 T6 4kW ATEX	835	47	820	497	721	630	1179	1038	905
MBGR 906 T6 5,5kW ATEX	835	47	820	497	721	630	1179	1038	905
MBGR 1001 T4 30kW ATEX	936	67	1053	541	813	710	1322	1160	1015
MBGR 1002 T4 37kW ATEX	936	67	1093	541	813	710	1322	1160	1015
MBGR 1003 T6 7,5kW ATEX	936	67	990	541	813	710	1322	1160	1015
MBGR 1004 T6 11kW ATEX	936	67	990	541	813	710	1322	1160	1015

Model	X5	X6	X7	a	a1	a2	b	b1	b2
MBGR 711 T2 37kW ATEX	690	662	497	453	497	533	322	366	402
MBGR 712 T2 45kW ATEX	690	662	497	453	497	533	322	366	402
MBGR 713 T4 4kW ATEX	690	662	497	453	497	533	322	366	402
MBGR 714 T4 5,5kW ATEX	690	662	497	453	497	533	322	366	402
MBGR 801 T2 75kW ATEX	782	749	562	507	551	587	361	405	441
MBGR 802 T2 90kW ATEX	782	749	562	507	551	587	361	405	441
MBGR 803 T4 7,5kW ATEX	782	749	562	507	551	587	361	405	441
MBGR 804 T4 11kW ATEX	782	749	562	507	551	587	361	405	441
MBGR 901 T2 132kW ATEX	870	835	633	569	629	669	404	464	504
MBGR 902 T2 160kW ATEX	870	835	633	569	629	669	404	464	504
MBGR 903 T4 15kW ATEX	870	835	633	569	629	669	404	464	504

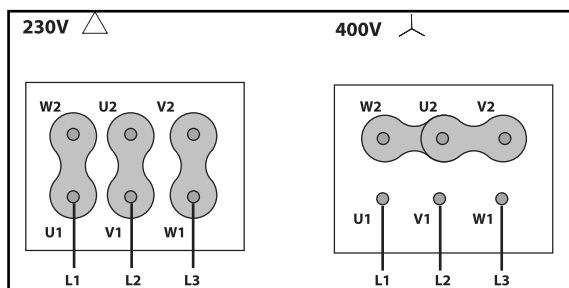
Model	X5	X6	X7	a	a1	a2	b	b1	b2
MBGR 904 T4 22kW ATEX	870	835	633	569	629	669	404	464	504
MBGR 905 T6 4kW ATEX	870	835	633	569	629	669	404	464	504
MBGR 906 T6 5,5kW ATEX	870	835	633	569	629	669	404	464	504
MBGR 1001 T4 30kW ATEX	976	936	718	638	698	738	453	513	553
MBGR 1002 T4 37kW ATEX	976	936	718	638	698	738	453	513	553
MBGR 1003 T6 7,5kW ATEX	976	936	718	638	698	738	453	513	553
MBGR 1004 T6 11kW ATEX	976	936	718	638	698	738	453	513	553

Model	d	d1	d2	n1xp	n2xp	Ø3
MBGR 711 T2 37kW ATEX	455	497	535	2x125	3x125	20
MBGR 712 T2 45kW ATEX	455	497	535	2x125	3x125	20
MBGR 713 T4 4kW ATEX	455	497	535	2x125	3x125	20
MBGR 714 T4 5,5kW ATEX	455	497	535	2x125	3x125	20
MBGR 801 T2 75kW ATEX	505	551	585	2x125	3x125	20
MBGR 802 T2 90kW ATEX	505	551	585	2x125	3x125	20
MBGR 803 T4 7,5kW ATEX	505	551	585	2x125	3x125	20
MBGR 804 T4 11kW ATEX	505	551	585	2x125	3x125	20
MBGR 901 T2 132kW ATEX	565	629	665	2x160	3x160	20
MBGR 902 T2 160kW ATEX	565	629	665	2x160	3x160	20
MBGR 903 T4 15kW ATEX	565	629	665	2x160	3x160	20
MBGR 904 T4 22kW ATEX	565	629	665	2x160	3x160	20
MBGR 905 T6 4kW ATEX	565	629	665	2x160	3x160	20
MBGR 906 T6 5,5kW ATEX	565	629	665	2x160	3x160	20
MBGR 1001 T4 30kW ATEX	635	698	735	2x160	3x160	20
MBGR 1002 T4 37kW ATEX	635	698	735	2x160	3x160	20
MBGR 1003 T6 7,5kW ATEX	635	698	735	2x160	3x160	20
MBGR 1004 T6 11kW ATEX	635	698	735	2x160	3x160	20

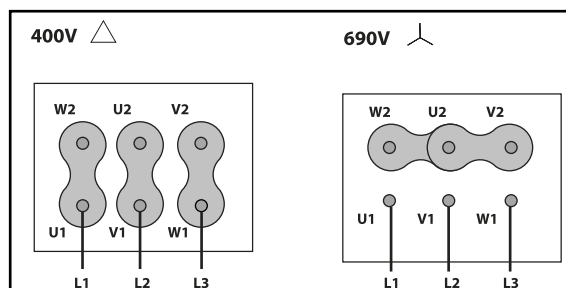
Wiring diagram

Wiring diagram N° 1

230/400V



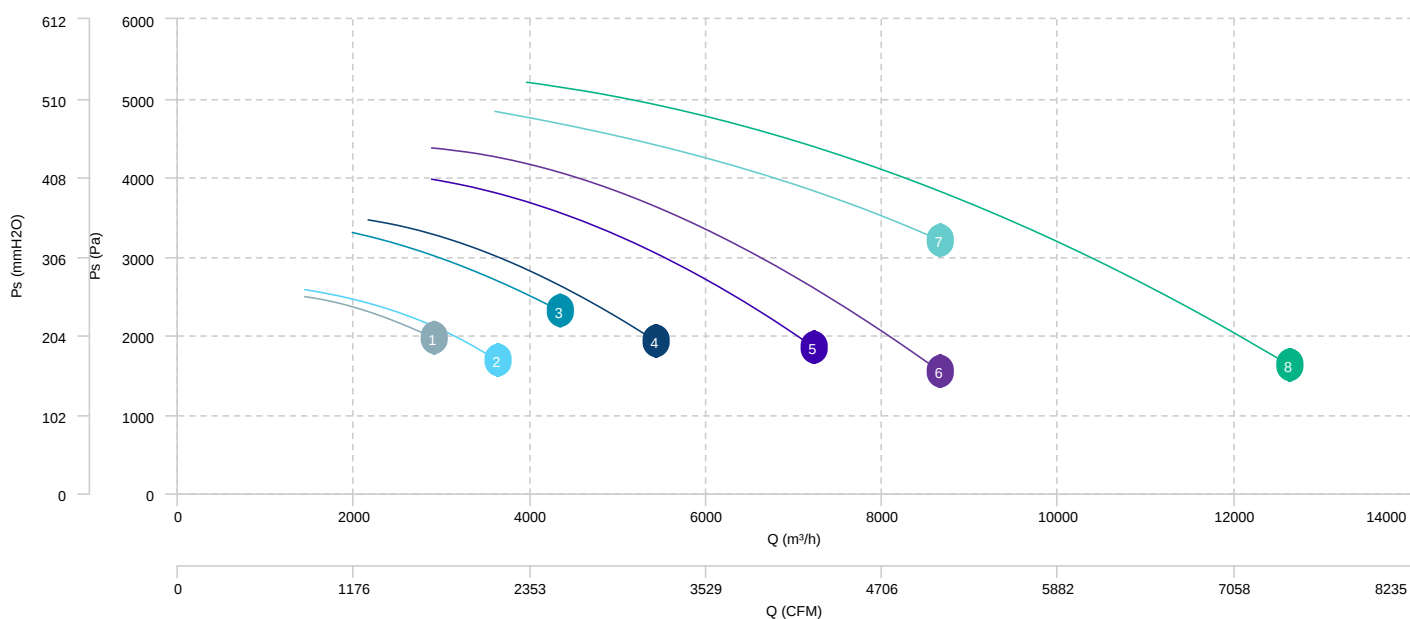
400/690V



CHARACTERISCTIC CURVE

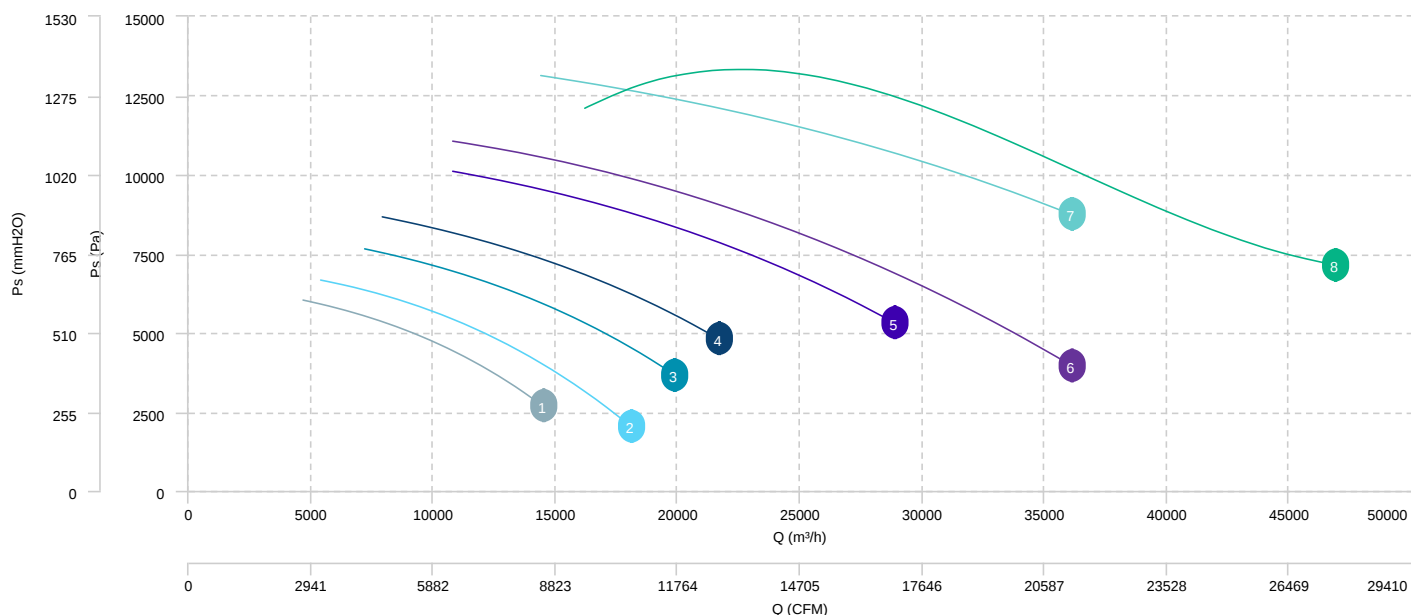
1	MBGR 401 T2 2,2kW ATEX	2	MBGR 402 T2 3kW ATEX	3	MBGR 451 T2 4kW ATEX	4	MBGR 452 T2 5,5kW ATEX
5	MBGR 501 T2 7,5kW ATEX	6	MBGR 502 T2 11kW ATEX	7	MBGR 561 T2 11kW ATEX	8	MBGR 562 T2 15kW ATEX

AIR FLOW - PRESSURE

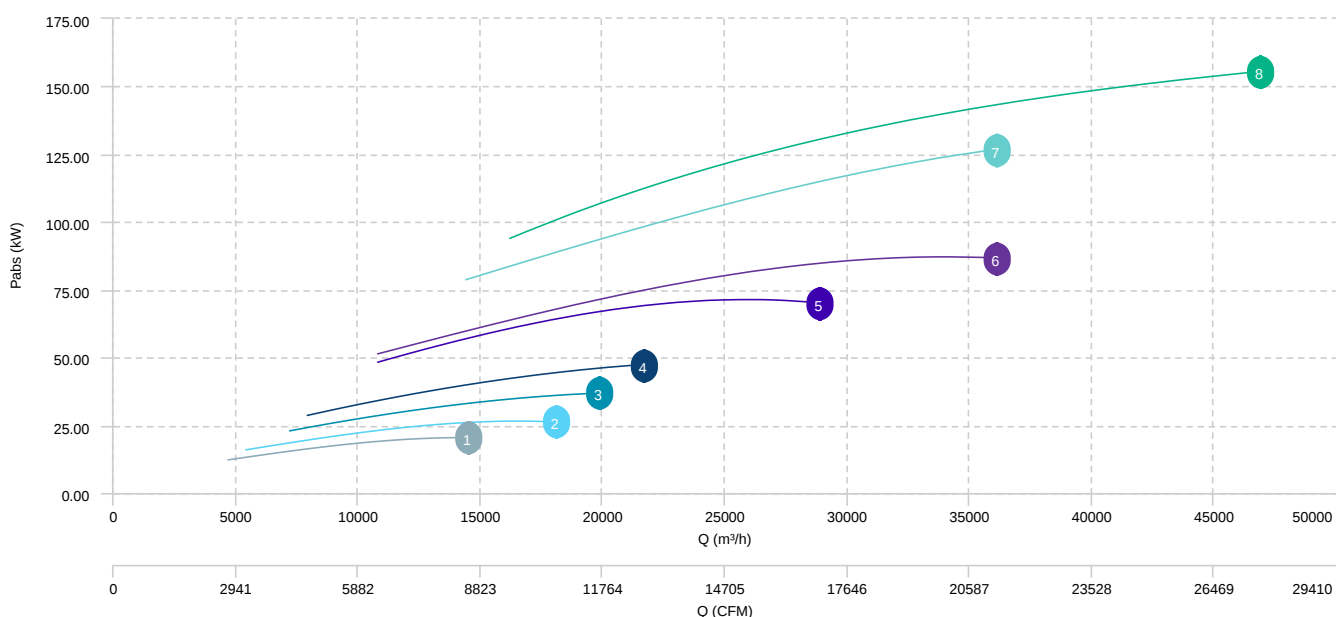


1	MBGR 631 T2 22kW ATEX	2	MBGR 632 T2 30kW ATEX	3	MBGR 711 T2 37kW ATEX	4	MBGR 712 T2 45kW ATEX
5	MBGR 801 T2 75kW ATEX	6	MBGR 802 T2 90kW ATEX	7	MBGR 901 T2 132kW ATEX	8	MBGR 902 T2 160kW ATEX

AIR FLOW - PRESSURE

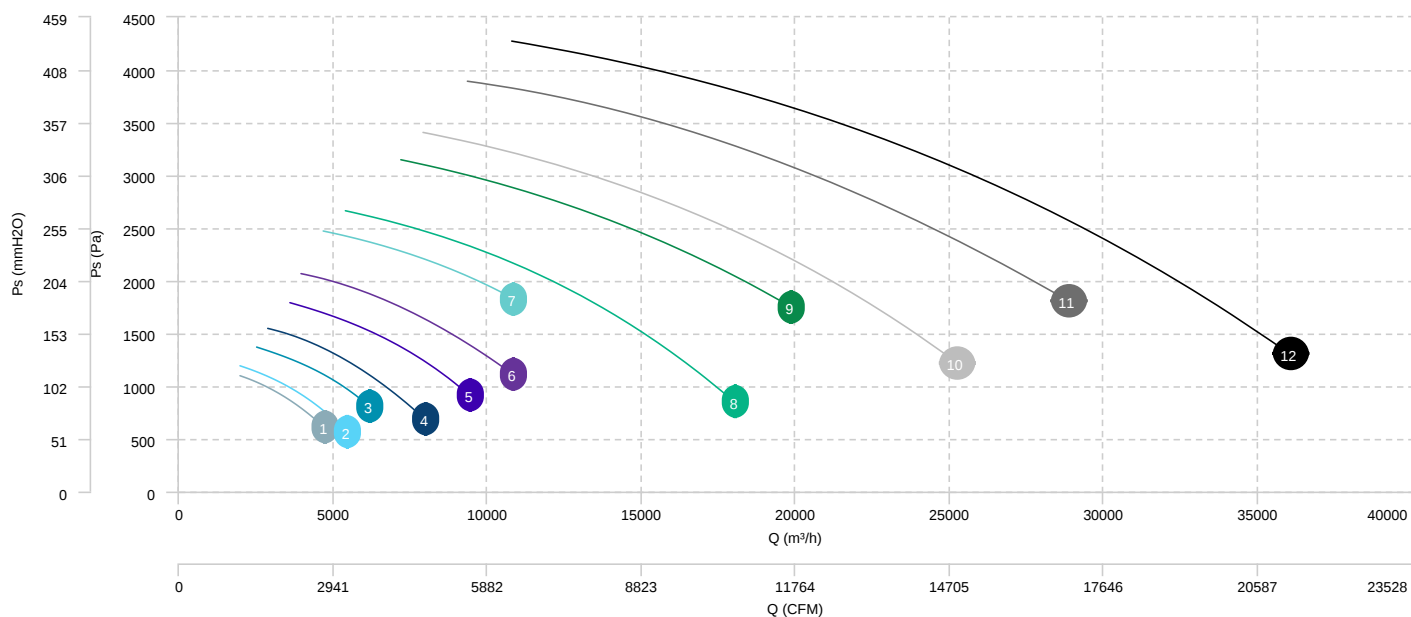


AIR FLOW - ABSORBED POWER



1	MBGR 563 T4 1,5kW ATEX	2	MBGR 564 T4 2,2kW ATEX	3	MBGR 633 T4 3kW ATEX	4	MBGR 634 T4 4kW ATEX
5	MBGR 713 T4 4kW ATEX	6	MBGR 714 T4 5,5kW ATEX	7	MBGR 803 T4 7,5kW ATEX	8	MBGR 804 T4 11kW ATEX
9	MBGR 903 T4 15kW ATEX	10	MBGR 904 T4 22kW ATEX	11	MBGR 1001 T4 30kW ATEX	12	MBGR 1002 T4 37kW ATEX

AIR FLOW - PRESSURE



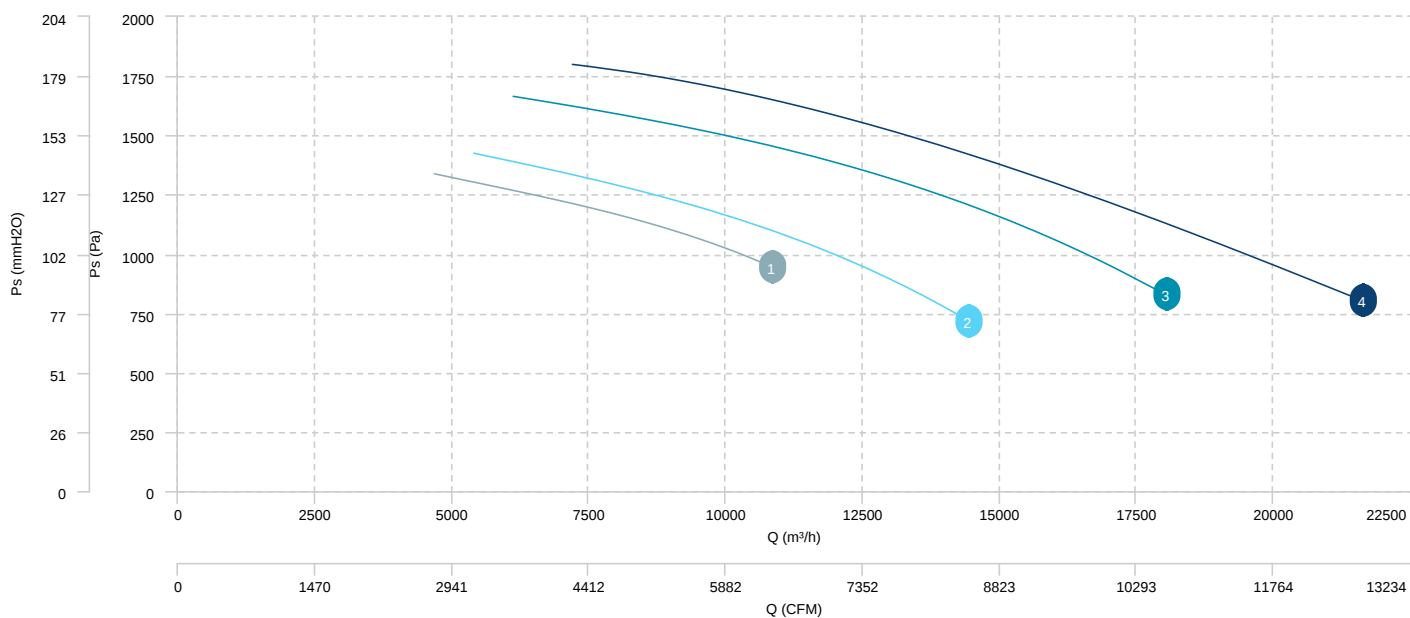
1 MBGR 905 T6 4kW ATEX

2 MBGR 906 T6 5,5kW ATEX

3 MBGR 1003 T6 7,5kW ATEX

4 MBGR 1004 T6 11kW ATEX

AIR FLOW - PRESSURE



Sound data

Sound / 2 poles

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
MBGR 401 T2 2,2kW ATEX	Inlet	54	66	72	76	77	73	66	63	82
MBGR 402 T2 3kW ATEX	Inlet	57	69	76	80	81	76	70	67	85
MBGR 451 T2 4kW ATEX	Inlet	60	72	79	83	84	79	73	70	88
MBGR 452 T2 5,5kW ATEX	Inlet	65	77	83	87	88	84	77	74	92
MBGR 501 T2 7,5kW ATEX	Inlet	69	81	87	92	92	88	81	78	97
MBGR 502 T2 11kW ATEX	Inlet	70	82	89	93	94	89	83	80	98
MBGR 561 T2 11kW ATEX	Inlet	69	81	87	91	92	87	81	78	96
MBGR 562 T2 15kW ATEX	Inlet	73	85	91	95	96	91	85	82	100
MBGR 631 T2 22kW ATEX	Inlet	75	87	94	98	99	94	87	84	103
MBGR 632 T2 30kW ATEX	Inlet	76	88	95	99	100	95	88	85	104
MBGR 711 T2 37kW ATEX	Inlet	80	92	98	102	103	98	92	89	107
MBGR 712 T2 45kW ATEX	Inlet	80	92	99	103	104	99	93	90	108
MBGR 801 T2 75kW ATEX	Inlet	83	95	101	105	106	101	95	92	110
MBGR 802 T2 90kW ATEX	Inlet	84	96	102	106	107	102	96	93	111
MBGR 901 T2 132kW ATEX	Inlet	88	100	106	110	111	107	100	97	115
MBGR 902 T2 160kW ATEX	Inlet	90	102	108	112	113	109	102	99	118

Sound / 4 poles

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
MBGR 563 T4 1,5kW ATEX	Inlet	51	63	70	74	75	70	64	61	79
MBGR 564 T4 2,2kW ATEX	Inlet	54	66	72	77	77	73	66	63	82
MBGR 633 T4 3kW ATEX	Inlet	56	68	74	79	79	75	68	65	84
MBGR 634 T4 4kW ATEX	Inlet	58	70	76	80	81	76	70	67	85
MBGR 713 T4 4kW ATEX	Inlet	60	72	79	83	84	79	73	70	88
MBGR 714 T4 5,5kW ATEX	Inlet	63	75	82	86	87	82	75	72	91
MBGR 803 T4 7,5kW ATEX	Inlet	63	75	82	86	87	82	76	73	91
MBGR 804 T4 11kW ATEX	Inlet	67	79	85	89	90	86	79	76	95
MBGR 903 T4 15kW ATEX	Inlet	66	78	84	88	89	84	78	75	93
MBGR 904 T4 22kW ATEX	Inlet	72	84	90	94	95	90	84	81	99
MBGR 1001 T4 30kW ATEX	Inlet	74	86	92	96	97	92	86	83	101
MBGR 1002 T4 37kW ATEX	Inlet	75	87	94	98	99	94	88	85	103

Sound / 6 poles

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
MBGR 905 T6 4kW ATEX	Inlet	53	65	71	75	76	72	65	62	81
MBGR 906 T6 5,5kW ATEX	Inlet	55	67	74	78	79	74	68	65	83
MBGR 1003 T6 7,5kW ATEX	Inlet	60	72	78	82	83	79	72	69	88
MBGR 1004 T6 11kW ATEX	Inlet	66	78	84	88	89	84	78	75	93