

MBCA ATEX



MEDIUM PRESSURE ATEX FAN WITH FORWARD 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.
- High efficiency simple inlet forward curved impeller made of Fe360 sheet statically and dynamically balanced. Impellers are painted with polyester primer that resists temperatures up to 300°C.
- ATEX asynchronous squirrel-cage motor ATEX certified according to the zone. 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.
- Suitable for transporting totally clean air without dust.
- 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
501401816XN	MBCA 180 T2 0,55kW ATEX	2840	1,45	0,55	1.230	47	19	1
501401818XN	MBCA 180 T2 1,1kW ATEX	2830	2,6	1,10	1.810	51	25	1
501402018XN	MBCA 200 T2 1,1kW ATEX	2830	2,6	1,10	1.810	51	27	1
501402027XN	MBCA 200 T2 2,2kW ATEX	2840	5,4	2,20	2.890	56	33	1
501402219XN	MBCA 220 T2 1,5kW ATEX	2850	3,95	1,50	2.170	52	32	1
501402229XN	MBCA 220 T2 3kW ATEX	2900	7,3	3,00	3.970	59	41	1
501402529XN	MBCA 250 T2 3kW ATEX	2900	7,3	3,00	3.250	56	51	1
501402532XN	MBCA 250 T2 4kW ATEX	2910	9,2	4,00	4.690	60	60	1
501402834XN	MBCA 280 T2 5,5kW ATEX	2910	11,46	5,50	4.690	60	82	1
501402836XN	MBCA 280 T2 7,5kW ATEX	2910	14,1	7,50	6.130	63	90	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
501402242XN	MBCA 220 T4 0,37kW ATEX	1410	1,2	0,37	1.810	40	28	1
501402542XN	MBCA 250 T4 0,37kW ATEX	1410	1,2	0,37	1.810	43	30	1
501402543XN	MBCA 250 T4 0,55kW ATEX	1430	1,75	0,55	2.530	47	33	1
501402844XN	MBCA 280 T4 0,75kW ATEX	1410	2,1	0,75	3.010	47	40	1
501402845XN	MBCA 280 T4 1,1kW ATEX	1420	3,3	1,10	3.810	51	42	1
501403146XN	MBCA 310 T4 1,5kW ATEX	1415	3,8	1,50	4.310	51	50	1
501403154XN	MBCA 310 T4 2,2kW ATEX	1440	5,8	2,20	5.410	55	58	1
501403554XN	MBCA 350 T4 2,2kW ATEX	1440	5,8	2,20	5.410	52	66	1
501403556XN	MBCA 350 T4 3kW ATEX	1420	6,8	3,00	7.210	56	66	1
501403559XN	MBCA 350 T4 4kW ATEX	1450	9,1	4,00	7.930	58	76	1
501404061XN	MBCA 400 T4 5,5kW ATEX	1455	11,5	5,50	7.930	58	100	1
501404063XN	MBCA 400 T4 7,5kW ATEX	1448	15,6	7,50	10.810	61	108	1
501404563XN	MBCA 450 T4 7,5kW ATEX	1448	15,6	7,50	10.090	57	112	1
501404552XN	MBCA 450 T4 15kW ATEX	1465	29,8	15,00	18.010	65	170	1
501405052XN	MBCA 500 T4 15kW ATEX	1465	29,8	15,00	16.210	61	200	1
501405055XN	MBCA 500 T4 22kW ATEX	1465	40,1	22,00	21.610	65	272	1
501405655XN	MBCA 560 T4 22kW ATEX	1465	40,1	22,00	21.610	61	313	1
501405658XN	MBCA 560 T4 37kW ATEX	1470	69,2	37,00	32.410	68	497	1

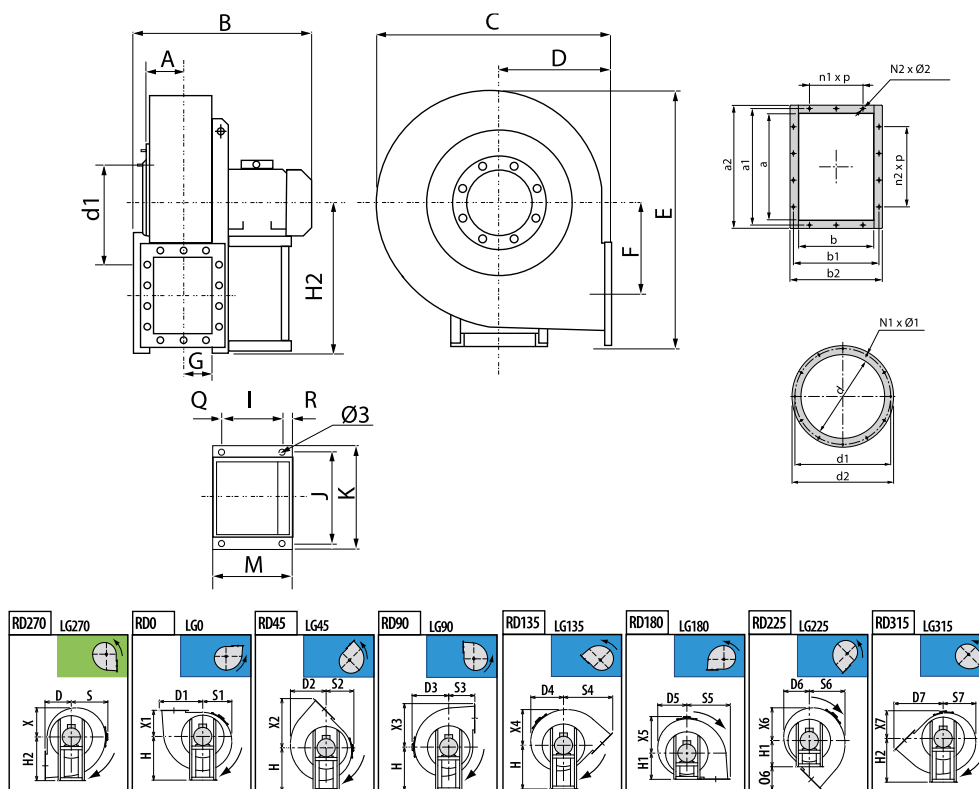
Three-phase motor / 6 poles

Code	Model	R.P.M.	Rated I. A 400V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
501403170XE	MBCA 310 T6 0,37kW ATEX	940	1,4	0,37	2.170	41	43	1
501403171XE	MBCA 310 T6 0,55kW ATEX	930	2,00	0,55	3.250	45	44	1
501403572XN	MBCA 350 T6 0,75kW ATEX	930	2,2	0,75	3.970	46	56	1
501403573XN	MBCA 350 T6 1,1kW ATEX	910	3,2	1,10	5.410	49	59	1
501404074XN	MBCA 400 T6 1,5kW ATEX	940	4,00	1,50	5.410	48	82	1
501404078XN	MBCA 400 T6 2,2kW ATEX	930	5,2	2,20	7.930	51	90	1
501404580XN	MBCA 450 T6 3kW ATEX	970	7,8	3,00	9.010	52	112	1
501405083XN	MBCA 500 T6 4kW ATEX	960	9,46	4,00	9.010	52	153	1
501405085XN	MBCA 500 T6 5,5kW ATEX	960	12,8	5,50	10.810	55	153	1
501405687XN	MBCA 560 T6 7,5kW ATEX	965	15,2	7,50	16.210	55	221	1
501405675XN	MBCA 560 T6 11kW ATEX	965	22,6	11,00	21.610	61	233	1
501406375XN	MBCA 630 T6 11kW ATEX	965	22,6	11,00	19.810	56	243	1
501406377XN	MBCA 630 T6 18,5kW ATEX	975	35,7	18,50	28.810	63	400	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
MBCA 180 T2 0,55kW ATEX	67	345	325	145	236	185	210	173	155
MBCA 180 T2 1,1kW ATEX	67	365	325	145	236	185	210	173	155
MBCA 200 T2 1,1kW ATEX	77	413	368	165	259	210	233	195	177
MBCA 200 T2 2,2kW ATEX	77	453	368	165	259	210	233	195	177
MBCA 220 T2 1,5kW ATEX	85	471	410	180	286	235	260	220	196
MBCA 220 T2 3kW ATEX	85	541	410	180	286	235	260	220	196
MBCA 220 T4 0,37kW ATEX	85	411	410	180	286	235	260	220	196
MBCA 250 T2 3kW ATEX	94	560	441	195	313	255	276	235	212
MBCA 250 T2 4kW ATEX	94	560	441	195	313	255	276	235	212
MBCA 250 T4 0,37kW ATEX	94	430	441	195	313	255	276	235	212
MBCA 250 T4 0,55kW ATEX	94	450	441	195	313	255	276	235	212
MBCA 280 T2 5,5kW ATEX	105	647	477	200	356	287	305	262	230
MBCA 280 T2 7,5kW ATEX	105	647	477	200	356	287	305	262	230
MBCA 280 T4 0,75kW ATEX	105	475	477	200	356	287	305	262	230
MBCA 280 T4 1,1kW ATEX	105	475	477	200	356	287	305	262	230
MBCA 310 T4 1,5kW ATEX	117	539	527	225	397	316	332	288	256
MBCA 310 T4 2,2kW ATEX	117	539	527	225	397	316	332	288	256
MBCA 310 T6 0,37kW ATEX	117	499	527	225	397	316	332	288	256

Model	A	B	C	D	D1	D2	D3	D4	D5
MBCA 310 T6 0,55kW ATEX	117	499	527	225	397	316	332	288	256
MBCA 350 T4 2,2kW ATEX	130	636	600	255	437	359	375	325	289
MBCA 350 T4 3kW ATEX	130	636	600	255	437	359	375	325	289
MBCA 350 T4 4kW ATEX	130	636	600	255	437	359	375	325	289
MBCA 350 T6 0,75kW ATEX	130	566	600	255	437	359	375	325	289
MBCA 350 T6 1,1kW ATEX	130	566	600	255	437	359	375	325	289
MBCA 400 T4 5,5kW ATEX	147	730	655	285	487	387	400	353	311
MBCA 400 T4 7,5kW ATEX	147	730	655	285	487	387	400	353	311
MBCA 400 T6 1,5kW ATEX	147	668	655	285	487	387	400	353	311
MBCA 400 T6 2,2kW ATEX	147	668	655	285	487	387	400	353	311
MBCA 450 T4 7,5kW ATEX	163	764	735	320	542	435	445	398	354
MBCA 450 T4 15kW ATEX	163	900	735	320	542	435	445	398	354
MBCA 450 T6 3kW ATEX	163	764	735	320	542	435	445	398	354
MBCA 500 T4 15kW ATEX	183	939	832	360	597	490	502	450	401
MBCA 500 T4 22kW ATEX	183	1014	832	360	597	490	502	450	401
MBCA 500 T6 4kW ATEX	183	939	832	360	597	490	502	450	401
MBCA 500 T6 5,5kW ATEX	183	939	832	360	597	490	502	450	401

Model	D6	D7	E	F	G	H	H1	H2	I
MBCA 180 T2 0,55kW ATEX	168	270	391	108	67	245	145	236	121
MBCA 180 T2 1,1kW ATEX	168	270	391	108	67	245	145	236	121
MBCA 200 T2 1,1kW ATEX	185	300	440	120	76	265	165	265	133
MBCA 200 T2 2,2kW ATEX	185	300	440	120	76	265	165	265	133
MBCA 220 T2 1,5kW ATEX	200	330	495	135	86	300	180	300	133
MBCA 220 T2 3kW ATEX	200	330	495	135	86	300	180	300	197
MBCA 220 T4 0,37kW ATEX	200	330	495	135	86	300	180	300	121
MBCA 250 T2 3kW ATEX	215	359	526	149	96	315	195	315	197
MBCA 250 T2 4kW ATEX	215	359	526	149	96	315	195	315	197
MBCA 250 T4 0,37kW ATEX	215	359	526	149	96	315	195	315	121
MBCA 250 T4 0,55kW ATEX	215	359	526	149	96	315	195	315	121
MBCA 280 T2 5,5kW ATEX	226	393	610	172	105	375	200	375	237
MBCA 280 T2 7,5kW ATEX	226	393	610	172	105	375	200	375	237
MBCA 280 T4 0,75kW ATEX	226	393	610	172	105	375	200	375	121
MBCA 280 T4 1,1kW ATEX	226	393	610	172	105	375	200	375	121
MBCA 310 T4 1,5kW ATEX	253	440	658	196	117	400	225	400	133
MBCA 310 T4 2,2kW ATEX	253	440	658	196	117	400	225	400	133
MBCA 310 T6 0,37kW ATEX	253	440	658	196	117	400	225	400	121
MBCA 310 T6 0,55kW ATEX	253	440	658	196	117	400	225	400	121
MBCA 350 T4 2,2kW ATEX	278	492	740	216	131	450	255	450	197
MBCA 350 T4 3kW ATEX	278	492	740	216	131	450	255	450	197

Model	D6	D7	E	F	G	H	H1	H2	I
MBCA 350 T4 4kW ATEX	278	492	740	216	131	450	255	450	197
MBCA 350 T6 0,75kW ATEX	278	492	740	216	131	450	255	450	133
MBCA 350 T6 1,1kW ATEX	278	492	740	216	131	450	255	450	133
MBCA 400 T4 5,5kW ATEX	306	543	815	245	147	500	285	500	237
MBCA 400 T4 7,5kW ATEX	306	543	815	245	147	500	285	500	237
MBCA 400 T6 1,5kW ATEX	306	543	815	245	147	500	285	500	197
MBCA 400 T6 2,2kW ATEX	306	543	815	245	147	500	285	500	197
MBCA 450 T4 7,5kW ATEX	342	609	915	275	165	560	320	560	237
MBCA 450 T4 15kW ATEX	342	609	915	275	165	560	320	560	337
MBCA 450 T6 3kW ATEX	342	609	915	275	165	560	320	560	237
MBCA 500 T4 15kW ATEX	380	676	1000	303	185	600	360	600	337
MBCA 500 T4 22kW ATEX	380	676	1000	303	185	600	360	600	357
MBCA 500 T6 4kW ATEX	380	676	1000	303	185	600	360	600	197
MBCA 500 T6 5,5kW ATEX	380	676	1000	303	185	600	360	600	337

Model	J	K	M	N1xØ1	N2xØ2	O6	Q	R	S
MBCA 180 T2 0,55kW ATEX	203	225	211	Nº8 M6x20	6x12	125	45	45	210
MBCA 180 T2 1,1kW ATEX	203	225	211	Nº8 M6x20	6x12	125	45	45	210
MBCA 200 T2 1,1kW ATEX	234	260	246	Nº8 M6x20	8x12	135	55	58	233
MBCA 200 T2 2,2kW ATEX	234	260	246	Nº8 M6x20	8x12	135	55	58	233
MBCA 220 T2 1,5kW ATEX	234	260	246	Nº8 M6x20	8x12	150	55	58	260
MBCA 220 T2 3kW ATEX	289	324	276	Nº8 M6x20	8x12	150	30	49	260
MBCA 220 T4 0,37kW ATEX	203	225	189	Nº8 M6x20	8x12	150	45	23	260
MBCA 250 T2 3kW ATEX	289	324	276	Nº8 M6x20	10x12	164	30	49	276
MBCA 250 T2 4kW ATEX	289	324	276	Nº8 M6x20	10x12	164	30	49	276
MBCA 250 T4 0,37kW ATEX	203	225	189	Nº8 M6x20	10x12	164	45	23	276
MBCA 250 T4 0,55kW ATEX	203	225	211	Nº8 M6x20	10x12	164	45	45	276
MBCA 280 T2 5,5kW ATEX	337	372	336	Nº8 M6x20	10x12	193	40	59	305
MBCA 280 T2 7,5kW ATEX	337	372	336	Nº8 M6x20	10x12	193	40	59	305
MBCA 280 T4 0,75kW ATEX	203	225	211	Nº8 M6x20	10x12	193	45	45	305

Model	J	K	M	N1xØ1	N2xØ2	O6	Q	R	S
MBCA 280 T4 1,1kW ATEX	203	225	211	Nº8 M6x20	10x12	193	45	45	305
MBCA 310 T4 1,5kW ATEX	234	260	246	Nº8 M6x20	10x12	215	55	58	332
MBCA 310 T4 2,2kW ATEX	234	260	246	Nº8 M6x20	10x12	215	55	58	332
MBCA 310 T6 0,37kW ATEX	203	225	211	Nº8 M6x20	10x12	215	45	45	332
MBCA 310 T6 0,55kW ATEX	203	225	211	Nº8 M6x20	10x12	215	45	45	332
MBCA 350 T4 2,2kW ATEX	289	324	276	Nº8 M8x25	10x12	237	30	49	375
MBCA 350 T4 3kW ATEX	289	324	276	Nº8 M8x25	10x12	237	30	49	375
MBCA 350 T4 4kW ATEX	289	324	276	Nº8 M8x25	10x12	237	30	49	375
MBCA 350 T6 0,75kW ATEX	234	260	246	Nº8 M8x25	10x12	237	55	58	375
MBCA 350 T6 1,1kW ATEX	234	260	246	Nº8 M8x25	10x12	237	55	58	375
MBCA 400 T4 5,5kW ATEX	337	372	336	Nº8 M8x25	14x12	258	40	59	400
MBCA 400 T4 7,5kW ATEX	337	372	336	Nº8 M8x25	14x12	258	40	59	400
MBCA 400 T6 1,5kW ATEX	289	324	276	Nº8 M8x25	14x12	258	30	49	400
MBCA 400 T6 2,2kW ATEX	289	324	276	Nº8 M8x25	14x12	258	30	49	400
MBCA 450 T4 7,5kW ATEX	237	372	336	Nº8 M8x25	14x12	289	40	59	445
MBCA 450 T4 15kW ATEX	395	440	436	Nº8 M8x25	14x12	289	50	49	445
MBCA 450 T6 3kW ATEX	337	372	336	Nº8 M8x25	14x12	289	40	59	445
MBCA 500 T4 15kW ATEX	395	440	436	Nº8 M10x30	14x12	316	50	49	502
MBCA 500 T4 22kW ATEX	434	488	460	Nº8 M10x30	14x12	316	70	33	502
MBCA 500 T6 4kW ATEX	289	324	336	Nº8 M10x30	14x12	316	30	59	502
MBCA 500 T6 5,5kW ATEX	395	440	436	Nº8 M10x30	14x12	316	50	49	502

Model	S1	S2	S3	S4	S5	S6	S7	X	X1
MBCA 180 T2 0,55kW ATEX	155	168	145	270	236	185	173	155	145
MBCA 180 T2 1,1kW ATEX	155	168	145	270	236	185	173	155	145

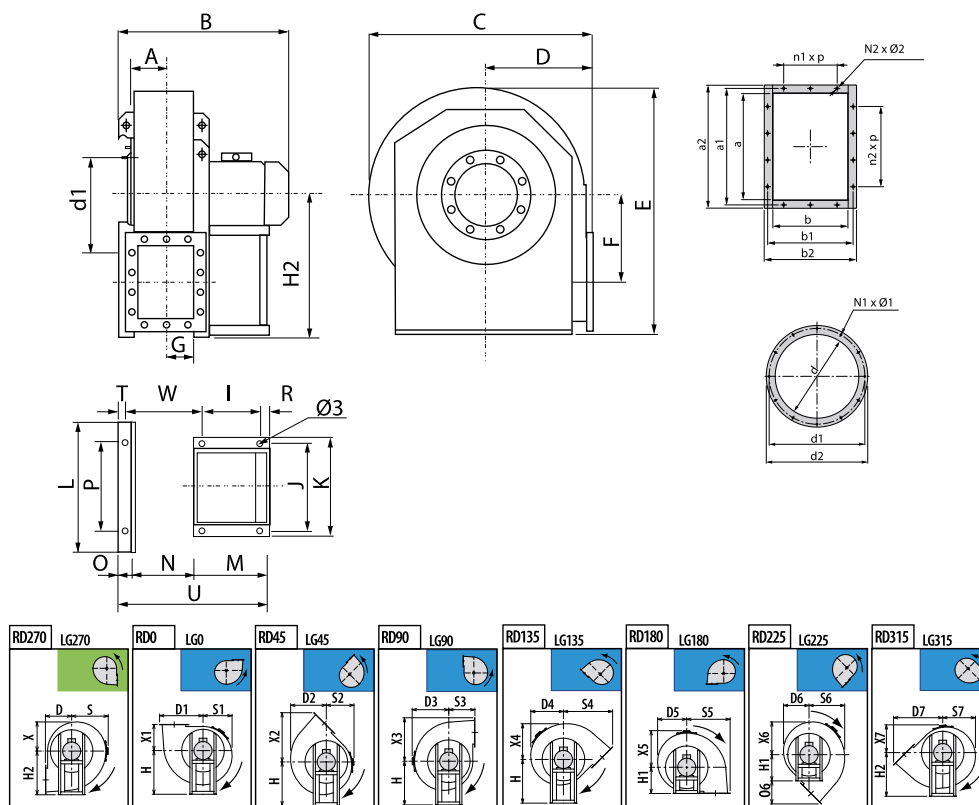
Model	S1	S2	S3	S4	S5	S6	S7	X	X1
MBCA 200 T2 1,1kW ATEX	177	185	165	300	259	210	195	177	165
MBCA 200 T2 2,2kW ATEX	177	185	165	300	259	210	195	177	165
MBCA 220 T2 1,5kW ATEX	196	200	180	330	286	235	220	196	180
MBCA 220 T2 3kW ATEX	196	200	180	330	286	235	220	196	180
MBCA 220 T4 0,37kW ATEX	196	200	180	330	286	235	220	196	180
MBCA 250 T2 3kW ATEX	212	215	195	359	313	255	235	212	195
MBCA 250 T2 4kW ATEX	212	215	195	359	313	255	235	212	195
MBCA 250 T4 0,37kW ATEX	212	215	195	359	313	255	235	212	195
MBCA 250 T4 0,55kW ATEX	212	215	195	359	313	255	235	212	195
MBCA 280 T2 5,5kW ATEX	230	226	200	393	356	287	262	230	200
MBCA 280 T2 7,5kW ATEX	230	226	200	393	356	287	262	230	200
MBCA 280 T4 0,75kW ATEX	230	226	200	393	356	287	262	230	200
MBCA 280 T4 1,1kW ATEX	230	226	200	393	356	287	262	230	200
MBCA 310 T4 1,5kW ATEX	256	253	225	440	397	316	288	256	255
MBCA 310 T4 2,2kW ATEX	256	253	225	440	397	316	288	256	255
MBCA 310 T6 0,37kW ATEX	256	253	225	440	397	316	288	256	255
MBCA 310 T6 0,55kW ATEX	256	253	225	440	397	316	288	256	255
MBCA 350 T4 2,2kW ATEX	289	278	255	492	437	359	325	289	255
MBCA 350 T4 3kW ATEX	289	278	255	492	437	359	325	289	255
MBCA 350 T4 4kW ATEX	289	278	255	492	437	359	325	289	255
MBCA 350 T6 0,75kW ATEX	289	278	255	492	437	359	325	289	255
MBCA 350 T6 1,1kW ATEX	289	278	255	492	437	359	325	289	255
MBCA 400 T4 5,5kW ATEX	311	306	285	543	487	387	353	311	285
MBCA 400 T4 7,5kW ATEX	311	306	285	543	487	387	353	311	285
MBCA 400 T6 1,5kW ATEX	311	306	285	543	487	387	353	311	285
MBCA 400 T6 2,2kW ATEX	311	306	285	543	487	387	353	311	285
MBCA 450 T4 7,5kW ATEX	354	342	320	609	542	435	398	354	320
MBCA 450 T4 15kW ATEX	354	342	320	609	542	435	398	354	320
MBCA 450 T6 3kW ATEX	354	342	320	609	542	435	398	354	320
MBCA 500 T4 15kW ATEX	401	380	360	676	597	490	450	401	360
MBCA 500 T4 22kW ATEX	401	380	360	676	597	490	450	401	360
MBCA 500 T6 4kW ATEX	401	380	360	676	597	490	450	401	360
MBCA 500 T6 5,5kW ATEX	401	380	360	676	597	490	450	401	360

Model	X2	X3	X4	X5	X6	X7	a	a1	a2
MBCA 180 T2 0,55kW ATEX	270	236	185	210	173	168	185	219	255
MBCA 180 T2 1,1kW ATEX	270	236	185	210	173	168	185	219	255
MBCA 200 T2 1,1kW ATEX	300	259	210	233	195	185	207	241	277
MBCA 200 T2 2,2kW ATEX	300	259	210	233	195	185	207	241	277
MBCA 220 T2 1,5kW ATEX	330	286	235	260	220	200	231	265	301

Model	X2	X3	X4	X5	X6	X7	a	a1	a2
MBCA 220 T2 3kW ATEX	330	286	235	260	220	200	231	265	301
MBCA 220 T4 0,37kW ATEX	330	286	235	260	220	200	231	265	301
MBCA 250 T2 3kW ATEX	359	313	255	276	235	215	258	292	328
MBCA 250 T2 4kW ATEX	359	313	255	276	235	215	258	292	328
MBCA 250 T4 0,37kW ATEX	359	313	255	276	235	215	258	292	328
MBCA 250 T4 0,55kW ATEX	359	313	255	276	235	215	258	292	328
MBCA 280 T2 5,5kW ATEX	393	356	287	305	262	226	288	332	368
MBCA 280 T2 7,5kW ATEX	393	356	287	305	262	226	288	332	368
MBCA 280 T4 0,75kW ATEX	393	356	287	305	262	226	288	332	368
MBCA 280 T4 1,1kW ATEX	393	356	287	305	262	226	288	332	368
MBCA 310 T4 1,5kW ATEX	440	397	316	332	288	253	322	366	402
MBCA 310 T4 2,2kW ATEX	440	397	316	332	288	253	322	366	402
MBCA 310 T6 0,37kW ATEX	440	397	316	332	288	253	322	366	402
MBCA 310 T6 0,55kW ATEX	440	397	316	332	288	253	322	366	402
MBCA 350 T4 2,2kW ATEX	492	437	359	375	325	278	361	405	441
MBCA 350 T4 3kW ATEX	492	437	359	375	325	278	361	405	441
MBCA 350 T4 4kW ATEX	492	437	359	375	325	278	361	405	441
MBCA 350 T6 0,75kW ATEX	492	437	359	375	325	278	361	405	441
MBCA 350 T6 1,1kW ATEX	492	437	359	375	325	278	361	405	441
MBCA 400 T4 5,5kW ATEX	543	487	387	400	353	306	404	448	484
MBCA 400 T4 7,5kW ATEX	543	487	387	400	353	306	404	448	484
MBCA 400 T6 1,5kW ATEX	543	487	387	400	353	306	404	448	484
MBCA 400 T6 2,2kW ATEX	543	487	387	400	353	306	404	448	484
MBCA 450 T4 7,5kW ATEX	609	542	435	445	398	342	453	497	533
MBCA 450 T4 15kW ATEX	609	542	435	445	398	342	453	497	533
MBCA 450 T6 3kW ATEX	609	542	435	445	398	342	453	497	533
MBCA 500 T4 15kW ATEX	676	597	490	502	450	380	507	551	578
MBCA 500 T4 22kW ATEX	676	597	490	502	450	380	507	551	578
MBCA 500 T6 4kW ATEX	676	597	490	502	450	380	507	551	578
MBCA 500 T6 5,5kW ATEX	676	597	490	502	450	380	507	551	578

Model	b	b1	b2	d	d1	d2	n1xp	n2xp	Ø3
MBCA 180 T2 0,55kW ATEX	130	165	201	185	219	250	-	1x112	10
MBCA 180 T2 1,1kW ATEX	130	165	201	185	219	250	-	1x112	10
MBCA 200 T2 1,1kW ATEX	148	182	218	205	241	275	1x112	1x112	10
MBCA 200 T2 2,2kW ATEX	148	182	218	205	241	275	1x112	1x112	10
MBCA 220 T2 1,5kW ATEX	166	200	236	228	265	298	1x112	1x112	10
MBCA 220 T2 3kW ATEX	166	200	236	228	265	298	1x112	1x112	12
MBCA 220 T4 0,37kW ATEX	166	200	236	228	265	298	1x112	1x112	10
MBCA 250 T2 3kW ATEX	185	219	255	255	292	325	1x112	2x112	12

Model	b	b1	b2	d	d1	d2	n1xp	n2xp	Ø3
MBCA 250 T2 4kW ATEX	185	219	255	255	292	325	1x112	2x112	12
MBCA 250 T4 0,37kW ATEX	185	219	255	255	292	325	1x112	2x112	10
MBCA 250 T4 0,55kW ATEX	185	219	255	255	292	325	1x112	2x112	10
MBCA 280 T2 5,5kW ATEX	205	249	285	285	332	365	1X125	2X125	12
MBCA 280 T2 7,5kW ATEX	205	249	285	285	332	365	1X125	2X125	12
MBCA 280 T4 0,75kW ATEX	205	249	285	285	332	365	1X125	2X125	10
MBCA 280 T4 1,1kW ATEX	205	249	285	285	332	365	1X125	2X125	10
MBCA 310 T4 1,5kW ATEX	229	273	309	320	366	400	1x125	2x125	10
MBCA 310 T4 2,2kW ATEX	229	273	309	320	366	400	1x125	2x125	12
MBCA 310 T6 0,37kW ATEX	229	273	309	320	366	400	1x125	2x125	10
MBCA 310 T6 0,55kW ATEX	229	273	309	320	366	400	1x125	2x125	10
MBCA 350 T4 2,2kW ATEX	256	300	336	360	405	440	1x125	2x125	12
MBCA 350 T4 3kW ATEX	256	300	336	360	405	440	1x125	2x125	12
MBCA 350 T4 4kW ATEX	256	300	336	360	405	440	1x125	2x125	12
MBCA 350 T6 0,75kW ATEX	256	300	336	360	405	440	1x125	2x125	10
MBCA 350 T6 1,1kW ATEX	256	300	336	360	405	440	1x125	2x125	10
MBCA 400 T4 5,5kW ATEX	288	332	368	405	448	485	2x125	3x125	12
MBCA 400 T4 7,5kW ATEX	288	332	368	405	448	485	2x125	3x125	12
MBCA 400 T6 1,5kW ATEX	288	332	368	405	448	485	2x125	3x125	12
MBCA 400 T6 2,2kW ATEX	288	332	368	405	448	485	2x125	3x125	12
MBCA 450 T4 7,5kW ATEX	322	366	402	455	497	535	2x125	3x125	14
MBCA 450 T4 15kW ATEX	322	366	402	455	497	535	2x125	3x125	12
MBCA 450 T6 3kW ATEX	322	366	402	455	497	535	2x125	3x125	14
MBCA 500 T4 15kW ATEX	361	405	441	505	551	585	2x125	3x125	14
MBCA 500 T4 22kW ATEX	361	405	441	505	551	585	2x125	3x125	17
MBCA 500 T6 4kW ATEX	361	405	441	505	551	585	2x125	3x125	12
MBCA 500 T6 5,5kW ATEX	361	405	441	505	551	585	2x125	3x125	12



Model	A	B	C	D	D1	D2	D3	D4	D5
MBCA 560 T4 22kW ATEX	205	1045	940	400	667	555	570	542	485
MBCA 560 T4 37kW ATEX	205	1120	940	400	667	555	570	542	485
MBCA 560 T6 7,5kW ATEX	205	945	940	400	667	555	570	542	485
MBCA 560 T6 11kW ATEX	205	990	940	400	667	555	570	542	485
MBCA 630 T6 11kW ATEX	230	1035	1052	450	742	619	630	603	540
MBCA 630 T6 18,5kW ATEX	230	1160	1052	450	742	619	630	603	540

Model	D6	D7	E	F	G	H	H1	H2	I
MBCA 560 T4 22kW ATEX	425	754	1126	332	206	670	400	670	357
MBCA 560 T4 37kW ATEX	425	754	1126	332	206	670	400	670	421
MBCA 560 T6 7,5kW ATEX	425	754	1126	332	206	670	400	670	337
MBCA 560 T6 11kW ATEX	425	754	1126	332	206	670	400	670	337
MBCA 630 T6 11kW ATEX	476	843	1260	373	231	750	450	750	337
MBCA 630 T6 18,5kW ATEX	476	843	1260	373	231	750	450	750	381

Model	J	K	L	M	N	N1xØ1	N2xØ2	O	O6
MBCA 560 T4 22kW ATEX	434	488	692	460	408	Nº16 M10x30	14x14	53	354
MBCA 560 T4 37kW ATEX	556	616	692	540	408	Nº16 M10x30	14x14	53	354

Model	J	K	L	M	N	N1xØ1	N2xØ2	O	O6
MBCA 560 T6 7,5kW ATEX	395	440	692	436	408	Nº16 M10x30	14x14	53	354
MBCA 560 T6 11kW ATEX	395	440	692	436	408	Nº16 M10x30	14x14	53	354
MBCA 630 T6 11kW ATEX	395	440	762	436	457	Nº16 M10x30	14x14	53	393
MBCA 630 T6 18,5kW ATEX	506	568	762	500	457	Nº16 M10x30	14x14	53	393

Model	P	R	S	S1	S2	S3	S4	S5	S6
MBCA 560 T4 22kW ATEX	632	33	570	485	425	400	754	667	555
MBCA 560 T4 37kW ATEX	632	39	570	485	425	400	754	667	555
MBCA 560 T6 7,5kW ATEX	632	49	570	485	425	400	754	667	555
MBCA 560 T6 11kW ATEX	632	49	570	485	425	400	754	667	555
MBCA 630 T6 11kW ATEX	702	49	630	540	476	450	843	742	619
MBCA 630 T6 18,5kW ATEX	702	39	630	540	476	450	843	742	619

Model	S7	T	U	W	X	X1	X2	X3	X4
MBCA 560 T4 22kW ATEX	542	23	921	508	485	400	754	667	555
MBCA 560 T4 37kW ATEX	542	23	1001	518	485	400	754	667	555
MBCA 560 T6 7,5kW ATEX	542	23	897	488	485	400	754	667	555
MBCA 560 T6 11kW ATEX	542	23	897	488	485	400	754	667	555
MBCA 630 T6 11kW ATEX	603	23	946	537	540	450	843	742	619
MBCA 630 T6 18,5kW ATEX	603	23	1010	567	540	450	843	742	619

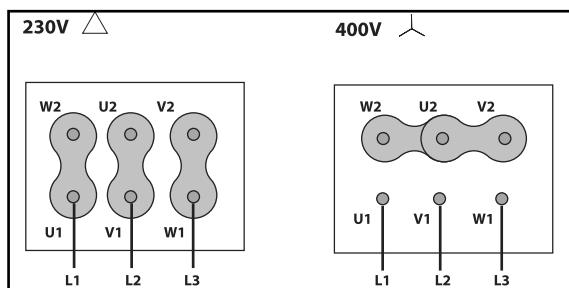
Model	X5	X6	X7	a	a1	a2	b	b1	b2
MBCA 560 T4 22kW ATEX	570	542	425	569	629	669	404	464	504
MBCA 560 T4 37kW ATEX	570	542	425	569	629	669	404	464	504
MBCA 560 T6 7,5kW ATEX	570	542	425	569	629	669	404	464	504
MBCA 560 T6 11kW ATEX	570	542	425	569	629	669	404	464	504
MBCA 630 T6 11kW ATEX	630	603	476	638	698	738	453	513	553
MBCA 630 T6 18,5kW ATEX	630	603	476	638	698	738	453	513	553

Model	d	d1	d2	n1xp	n2xp	Ø3
MBCA 560 T4 22kW ATEX	565	629	665	2x160	3x160	17
MBCA 560 T4 37kW ATEX	565	629	665	2x160	3x160	19
MBCA 560 T6 7,5kW ATEX	565	629	665	2x160	3x160	14
MBCA 560 T6 11kW ATEX	565	629	665	2x160	3x160	14
MBCA 630 T6 11kW ATEX	635	698	735	2x160	3x160	14
MBCA 630 T6 18,5kW ATEX	635	698	735	2x160	3x160	19

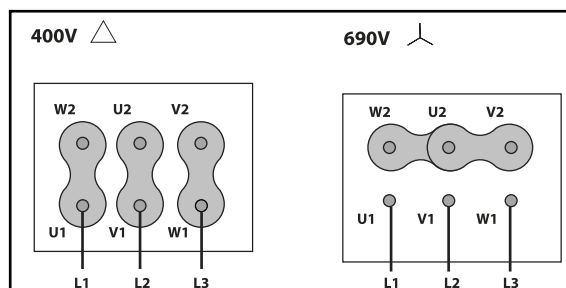
Wiring diagram

Wiring diagram N° 1

230/400V



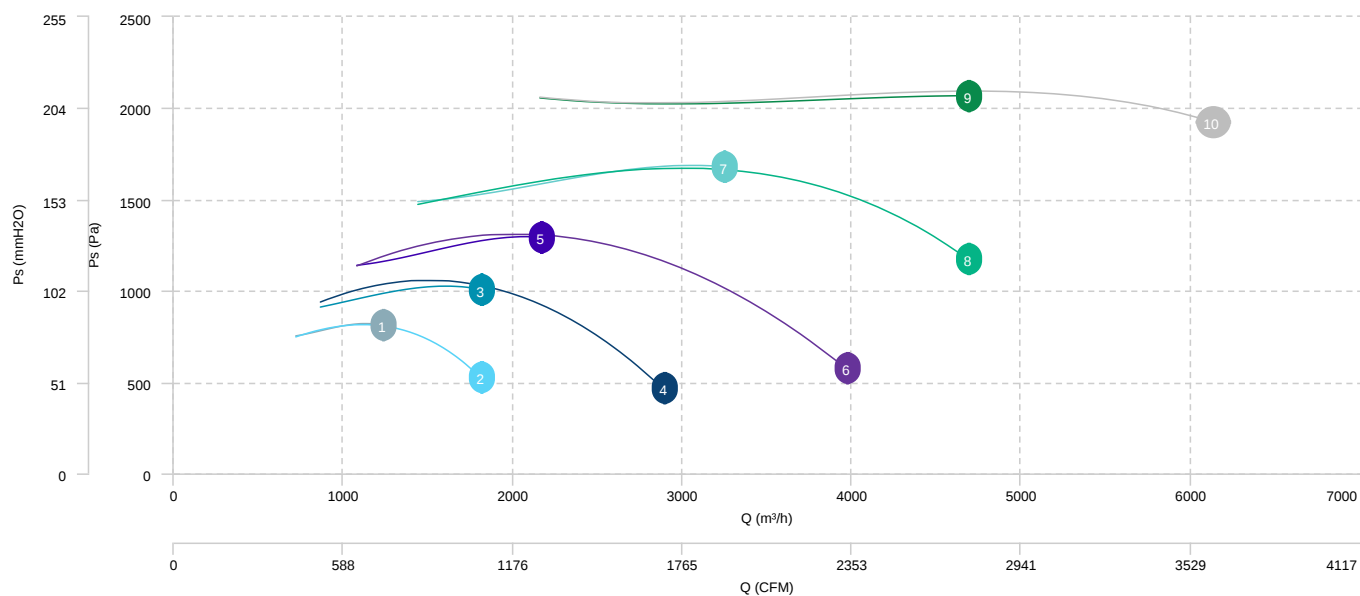
400/690V



CHARACTERISCTIC CURVE

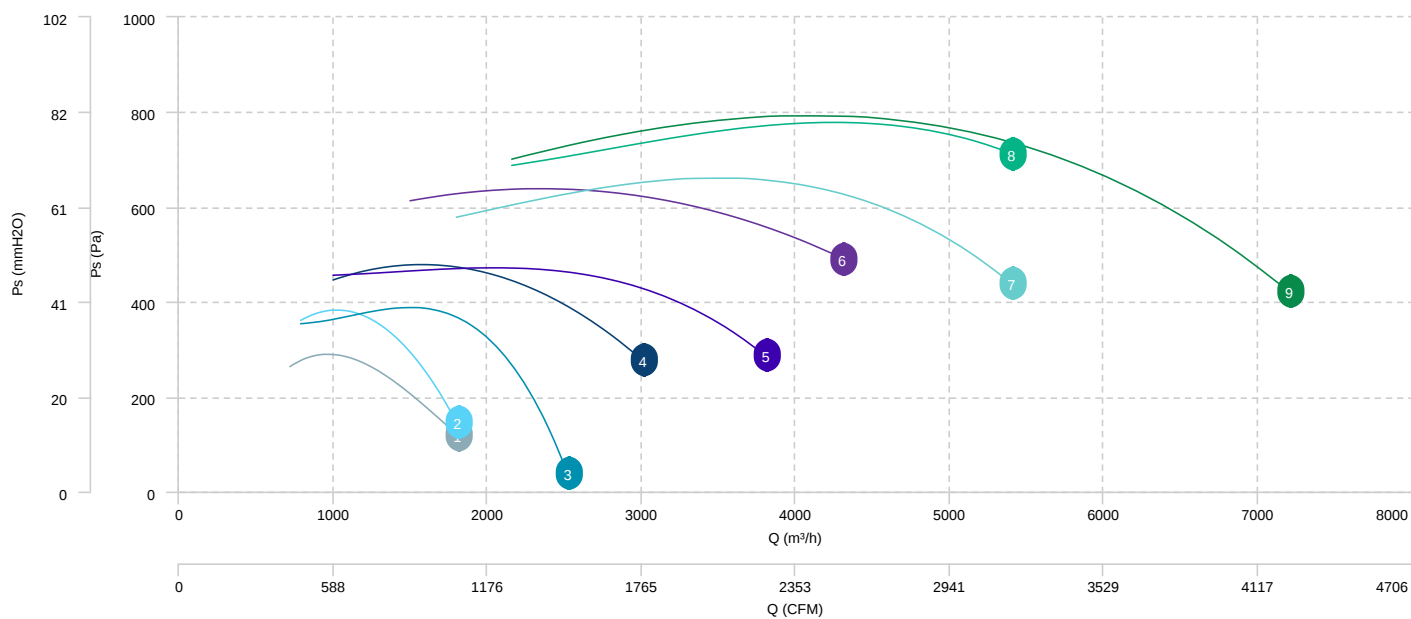
1	MBCA 180 T2 0,55kW ATEX	2	MBCA 180 T2 1,1kW ATEX	3	MBCA 200 T2 1,1kW ATEX	4	MBCA 200 T2 2,2kW ATEX
5	MBCA 220 T2 1,5kW ATEX	6	MBCA 220 T2 3kW ATEX	7	MBCA 250 T2 3kW ATEX	8	MBCA 250 T2 4kW ATEX
9	MBCA 280 T2 5,5kW ATEX	10	MBCA 280 T2 7,5kW ATEX				

AIR FLOW - PRESSURE



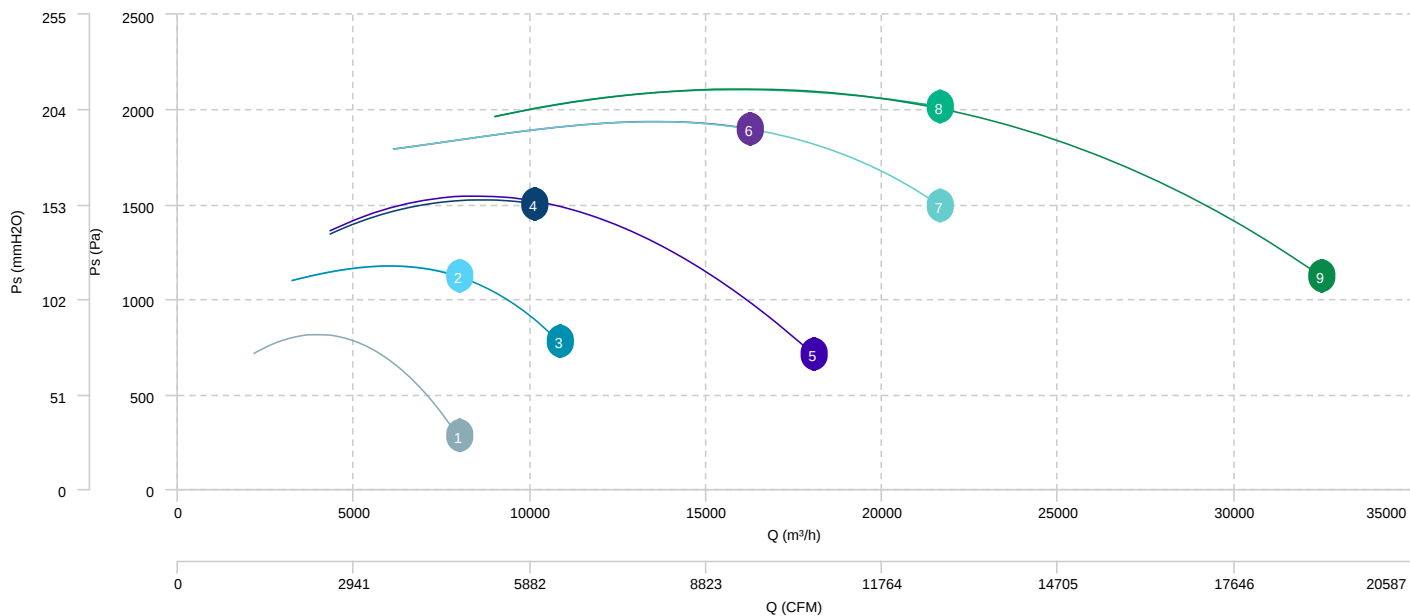
1	MBCA 220 T4 0,37kW ATEX	2	MBCA 250 T4 0,37kW ATEX	3	MBCA 250 T4 0,55kW ATEX	4	MBCA 280 T4 0,75kW ATEX
5	MBCA 280 T4 1,1kW ATEX	6	MBCA 310 T4 1,5kW ATEX	7	MBCA 310 T4 2,2kW ATEX	8	MBCA 350 T4 2,2kW ATEX
9	MBCA 350 T4 3kW ATEX						

AIR FLOW - PRESSURE



1	MBCA 350 T4 4kW ATEX	2	MBCA 400 T4 5,5kW ATEX	3	MBCA 400 T4 7,5kW ATEX	4	MBCA 450 T4 7,5kW ATEX
5	MBCA 450 T4 15kW ATEX	6	MBCA 500 T4 15kW ATEX	7	MBCA 500 T4 22kW ATEX	8	MBCA 560 T4 22kW ATEX
9	MBCA 560 T4 37kW ATEX						

AIR FLOW - PRESSURE



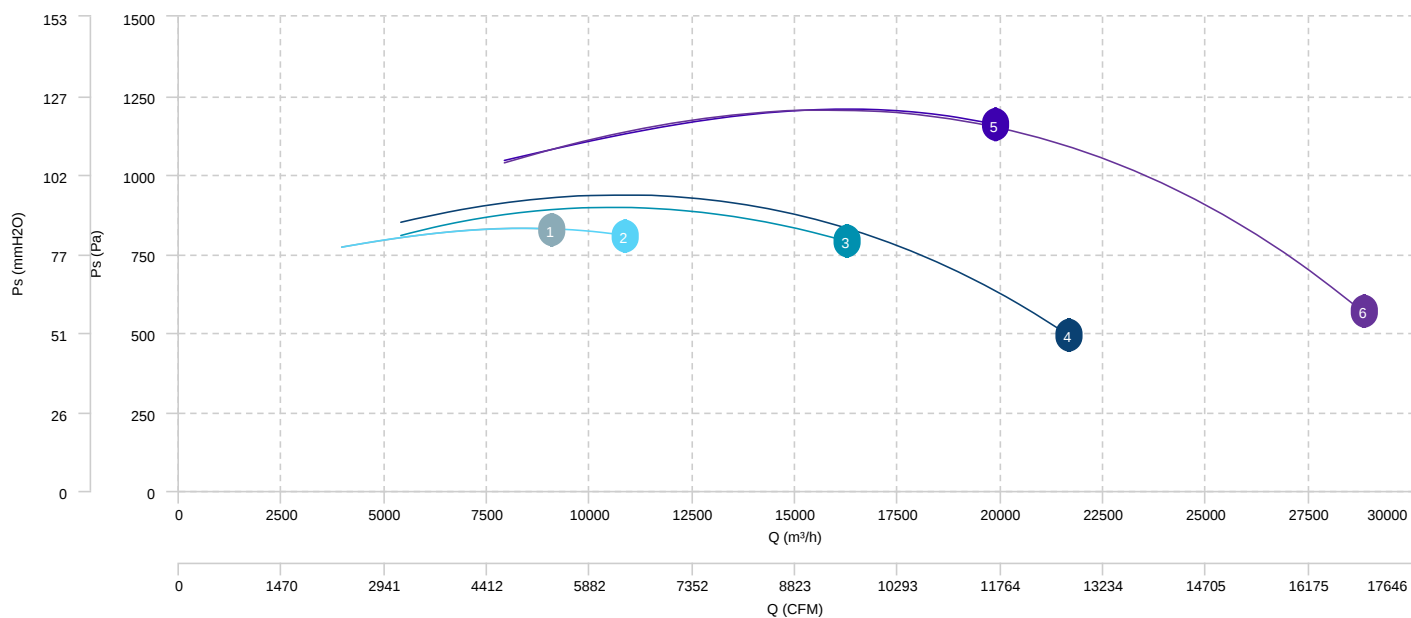
1	MBCA 310 T6 0,37kW ATEX	2	MBCA 310 T6 0,55kW ATEX	3	MBCA 350 T6 0,75kW ATEX	4	MBCA 350 T6 1,1kW ATEX
5	MBCA 400 T6 1,5kW ATEX	6	MBCA 400 T6 2,2kW ATEX	7	MBCA 450 T6 3kW ATEX		

AIR FLOW - PRESSURE



1	MBCA 500 T6 4kW ATEX	2	MBCA 500 T6 5,5kW ATEX	3	MBCA 560 T6 7,5kW ATEX	4	MBCA 560 T6 11kW ATEX
5	MBCA 630 T6 11kW ATEX	6	MBCA 630 T6 18,5kW 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
MBCA 180 T2 0,55kW ATEX	Inlet	46	58	64	68	69	64	58	54	73
MBCA 180 T2 1,1kW ATEX	Inlet	50	62	68	72	73	68	62	58	77
MBCA 200 T2 1,1kW ATEX	Inlet	49	61	68	72	73	68	62	59	77
MBCA 200 T2 2,2kW ATEX	Inlet	55	67	73	77	78	73	67	64	82
MBCA 220 T2 1,5kW ATEX	Inlet	51	63	69	73	74	70	63	60	78
MBCA 220 T2 3kW ATEX	Inlet	57	69	76	80	81	76	69	66	85
MBCA 250 T2 3kW ATEX	Inlet	54	66	72	76	77	73	66	63	82
MBCA 250 T2 4kW ATEX	Inlet	58	70	76	81	81	77	70	67	86
MBCA 280 T2 5,5kW ATEX	Inlet	58	70	77	81	82	77	70	67	86
MBCA 280 T2 7,5kW ATEX	Inlet	61	73	79	83	84	80	73	70	89

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
MBCA 220 T4 0,37kW ATEX	Inlet	39	51	57	61	62	58	51	48	66
MBCA 250 T4 0,37kW ATEX	Inlet	42	54	60	64	65	61	54	51	69
MBCA 250 T4 0,55kW ATEX	Inlet	45	57	63	68	68	64	57	54	73
MBCA 280 T4 0,75kW ATEX	Inlet	45	57	64	68	69	64	58	55	73
MBCA 280 T4 1,1kW ATEX	Inlet	49	61	68	72	73	68	62	59	77
MBCA 310 T4 1,5kW ATEX	Inlet	49	61	68	72	73	68	62	59	77
MBCA 310 T4 2,2kW ATEX	Inlet	53	65	72	76	77	72	66	63	81
MBCA 350 T4 2,2kW ATEX	Inlet	51	63	69	73	74	69	63	60	78
MBCA 350 T4 3kW ATEX	Inlet	54	66	72	77	77	73	66	63	82
MBCA 350 T4 4kW ATEX	Inlet	57	69	75	79	80	75	69	66	84
MBCA 400 T4 5,5kW ATEX	Inlet	56	68	74	78	79	75	68	65	84
MBCA 400 T4 7,5kW ATEX	Inlet	59	71	78	82	83	78	72	69	87
MBCA 450 T4 7,5kW ATEX	Inlet	55	67	74	78	79	74	67	64	83
MBCA 450 T4 15kW ATEX	Inlet	63	75	82	86	87	82	76	73	91
MBCA 500 T4 15kW ATEX	Inlet	59	71	78	82	83	78	72	69	87
MBCA 500 T4 22kW ATEX	Inlet	64	76	82	86	87	82	76	73	91
MBCA 560 T4 22kW ATEX	Inlet	9	71	78	82	83	78	71	68	87
MBCA 560 T4 37kW ATEX	Inlet	67	79	85	89	90	86	79	76	94

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
MBCA 310 T6 0,37kW ATEX	Inlet	39	51	58	62	63	58	52	49	67
MBCA 310 T6 0,55kW ATEX	Inlet	43	55	61	65	66	62	55	52	71
MBCA 350 T6 0,75kW ATEX	Inlet	45	57	63	67	68	64	57	54	72
MBCA 350 T6 1,1kW ATEX	Inlet	47	59	65	70	70	66	59	56	75
MBCA 400 T6 1,5kW ATEX	Inlet	46	58	65	69	70	65	59	56	74
MBCA 400 T6 2,2kW ATEX	Inlet	50	62	68	72	73	69	62	59	77
MBCA 450 T6 3kW ATEX	Inlet	50	62	69	73	74	69	63	60	78
MBCA 500 T6 4kW ATEX	Inlet	50	62	68	73	73	69	62	59	78
MBCA 500 T6 5,5kW ATEX	Inlet	54	66	72	76	77	73	66	63	81
MBCA 560 T6 7,5kW ATEX	Inlet	54	66	72	76	77	73	66	63	81
MBCA 560 T6 11kW ATEX	Inlet	59	71	78	82	83	78	72	69	87
MBCA 630 T6 11kW ATEX	Inlet	54	66	72	76	77	73	66	63	82
MBCA 630 T6 18,5kW ATEX	Inlet	61	73	79	83	84	80	73	70	89