

AAVM ATEX



ATEX HIGH PRESSURE 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.
- High efficiency simple 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 IP-55 protection and 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
502803518XN	AAVM/N 350 T2 1,1kW ATEX	2830	2,6	1,10	1.450	66	36	1
502804027XN	AAVM/N 400 T2 2,2kW ATEX	2840	5,4	2,20	2.170	68	50	1
502804532XN	AAVM/N 450 T2 4kW ATEX	2910	9,2	4,00	2.890	71	80	1
502805034XN	AAVM/N 500 T2 5,5kW ATEX	2910	11,46	5,50	3.610	74	107	1
502805621XN	AAVM/N 560 T2 11kW ATEX	2940	21,4	11,00	5.410	77	163	1
502806326XN	AAVM/N 630 T2 18,5kW ATEX	2940	34,4	18,50	7.930	80	193	1
502807130XN	AAVM/N 711 T2 30kW ATEX	2955	56,6	30,00	9.010	83	390	1
502807131XN	AAVM/N 711 T2 37kW ATEX	2955	66,7	37,00	10.810	84	390	1
502808035XN	AAVM/N 801 T2 55kW ATEX	2960	95,00	55,00	12.610	85	664	1
502808037XN	AAVM/N 801 T2 75kW ATEX	2975	130,00	75,00	16.210	86	794	1
502809038XN	AAVM/N 901 T2 90kW ATEX	2975	156,00	90,00	18.010	88	969	1
502809022XN	AAVM/N 901 T2 110kW ATEX	2980	188,00	110,00	21.610	89	1109	1
502810025XN	AAVM/N 1001 T2 160kW ATEX	2980	269,00	160,00	21.610	92	1230	1
502810105XN	AAVM/N 1001 T2 200kW ATEX	2980	336,00	200,00	33.010	93	1230	1
507303517XN	AAVM/NR 350 T2 0,75kW ATEX	2870	2,00	0,75	940	66	35	1
507304019XN	AAVM/NR 400 T2 1,5kW ATEX	2850	3,95	1,50	1.630	68	46	1
507304529XN	AAVM/NR 450 T2 3kW ATEX	2900	7,3	3,00	2.530	70	60	1
507305032XN	AAVM/NR 500 T2 4kW ATEX	2910	9,2	4,00	3.250	73	92	1
507305636XN	AAVM/NR 560 T2 7,5kW ATEX	2910	14,1	7,50	4.690	76	122	1
507306324XN	AAVM/NR 630 T2 15kW ATEX	2935	27,4	15,00	7.210	80	175	1
507307128XN	AAVM/NR 711 T2 22kW ATEX	2940	39,8	22,00	9.010	82	300	1
507308033XN	AAVM/NR 801 T2 45kW ATEX	2960	78,00	45,00	14.410	84	526	1
507309037XN	AAVM/NR 901 T2 75kW ATEX	2975	130,00	75,00	18.010	87	926	1
507310022XN	AAVM/NR 1001 T2 110kW ATEX	2980	188,00	110,00	18.010	91	1220	1
507310023XN	AAVM/NR 1001 T2 132kW ATEX	2980	223,00	132,00	21.610	92	1220	1

Three-phase motor / 4 poles

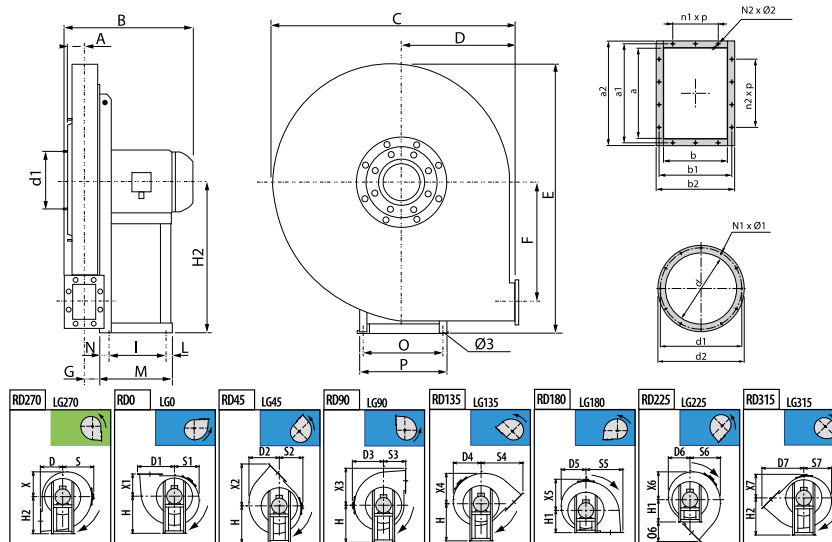
Code	Model	R.P.M.	Rated I. A 400V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
502807161XN	AAVM/N 712 T4 5,5kW ATEX	1455	11,5	5,50	5.410	67	211	1
502808049XN	AAVM/N 802 T4 11kW ATEX	1460	20,9	11,00	7.930	69	286	1
502809052XN	AAVM/N 902 T4 15kW ATEX	1465	29,8	15,00	10.810	71	401	1
502810055XN	AAVM/N 1002 T4 22kW ATEX	1465	40,1	22,00	14.410	75	640	1
507307159XN	AAVM/NR 712 T4 4kW ATEX	1450	9,1	4,00	4.690	67	194	1

Code	Model	R.P.M.	Rated I. A 400V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
507308063XN	AAVM/NR 802 T4 7,5kW ATEX	1448	15,6	7,50	6.130	68	255	1
507309049XN	AAVM/NR 902 T4 11kW ATEX	1460	20,9	11,00	10.090	71	380	1
507310053XN	AAVM/NR 1002 T4 18,5kW ATEX	1470	35,6	18,50	12.610	74	620	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
AAVM/N 350 T2 1,1kW ATEX	65	377	565	250	323	287	315	280	262
AAVM/N 400 T2 2,2kW ATEX	71	437	620	280	356	314	340	302	284
AAVM/N 450 T2 4kW ATEX	78	503	675	300	393	350	375	335	313
AAVM/N 500 T2 5,5kW ATEX	86	560	745	335	436	386	410	370	345
AAVM/N 560 T2 11kW ATEX	95	684	835	375	488	438	460	418	393
AAVM/N 630 T2 18,5kW ATEX	105	703	940	425	545	493	515	472	440
AAVM/N 711 T2 30kW ATEX	115	917	1045	475	610	547	570	522	493
AAVM/N 711 T2 37kW ATEX	115	917	1045	475	610	547	570	522	493
AAVM/N 712 T4 5,5kW ATEX	115	623	1045	475	610	547	570	522	493
AAVM/N 801 T2 55kW ATEX	127	1092	1170	530	682	622	640	592	555
AAVM/N 801 T2 75kW ATEX	127	1095	1170	530	682	622	640	592	555
AAVM/N 802 T4 11kW ATEX	127	753	1170	530	682	622	640	592	555
AAVM/N 901 T2 90kW ATEX	140	1122	1315	600	763	696	715	668	628
AAVM/N 901 T2 110kW ATEX	140	1334	1315	600	763	696	715	668	628
AAVM/N 902 T4 15kW ATEX	140	780	1315	600	763	696	715	668	628
AAVM/N 1001 T2 160kW ATEX	160	1366	1460	670	849	805	790	765	691
AAVM/N 1001 T2 200kW ATEX	160	1366	1460	670	849	805	790	765	691
AAVM/N 1002 T4 22kW ATEX	160	944	1460	670	849	805	790	765	691
AAVM/NR 350 T2 0,75kW ATEX	65	377	565	250	323	287	315	280	262
AAVM/NR 400 T2 1,5kW ATEX	71	437	620	280	356	314	340	302	284

Model	A	B	C	D	D1	D2	D3	D4	D5
AAVM/NR 450 T2 3kW ATEX	78	482	675	300	393	350	375	335	313
AAVM/NR 500 T2 4kW ATEX	86	520	745	335	436	386	410	370	345
AAVM/NR 560 T2 7,5kW ATEX	95	579	835	375	488	438	460	418	393
AAVM/NR 630 T2 15kW ATEX	105	703	940	425	545	493	515	472	440
AAVM/NR 711 T2 22kW ATEX	115	809	1045	475	610	547	570	522	493
AAVM/NR 712 T4 4kW ATEX	115	583	1045	475	610	547	570	522	493
AAVM/NR 801 T2 45kW ATEX	127	984	1170	530	682	622	640	592	555
AAVM/NR 802 T4 7,5kW ATEX	127	648	1170	530	682	622	640	592	555
AAVM/NR 901 T2 75kW ATEX	140	1122	1315	600	763	696	715	668	628
AAVM/NR 902 T4 11kW ATEX	140	780	1315	600	763	696	715	668	628
AAVM/NR 1001 T2 110kW ATEX	160	1366	1460	670	849	805	790	765	691
AAVM/NR 1001 T2 132kW ATEX	160	1366	1460	670	849	805	790	765	691
AAVM/NR 1002 T4 18,5kW ATEX	160	893	1460	670	849	805	790	765	691

Model	D6	D7	E	F	G	H	H1	H2	I
AAVM/N 350 T2 1,1kW ATEX	272	405	617	215	56	355	250	355	121
AAVM/N 400 T2 2,2kW ATEX	293	450	659	238	63	375	280	375	133
AAVM/N 450 T2 4kW ATEX	319	490	713	265	70	400	300	400	197
AAVM/N 500 T2 5,5kW ATEX	350	546	795	297	78	450	335	450	237
AAVM/N 560 T2 11kW ATEX	392	613	893	337	88	500	375	500	337
AAVM/N 630 T2 18,5kW ATEX	438	688	1000	381	98	560	425	560	337
AAVM/N 711 T2 30kW ATEX	489	767	1123	426	108	630	475	630	381
AAVM/N 711 T2 37kW ATEX	489	767	1123	426	108	630	475	630	381
AAVM/N 712 T4 5,5kW ATEX	489	767	1123	426	108	630	475	630	237
AAVM/N 801 T2 55kW ATEX	545	854	1265	481	121	710	530	710	501
AAVM/N 801 T2 75kW ATEX	545	854	1265	481	121	710	530	710	591
AAVM/N 802 T4 11kW ATEX	545	854	1265	481	121	710	530	710	337
AAVM/N 901 T2 90kW ATEX	617	963	1428	542	134	800	600	800	591
AAVM/N 901 T2 110kW ATEX	617	963	1428	542	134	800	600	800	675
AAVM/N 902 T4 15kW ATEX	617	963	1428	542	134	800	600	800	337
AAVM/N 1001 T2 160kW ATEX	640	1074	1591	607	150	900	670	900	675
AAVM/N 1001 T2 200kW ATEX	640	1074	1591	607	150	900	670	900	675
AAVM/N 1002 T4 22kW ATEX	640	1074	1591	607	150	900	670	900	357
AAVM/NR 350 T2 0,75kW ATEX	272	405	617	215	56	355	250	355	121
AAVM/NR 400 T2 1,5kW ATEX	293	450	659	238	63	375	280	375	133
AAVM/NR 450 T2 3kW ATEX	319	490	713	265	70	400	300	400	197
AAVM/NR 500 T2 4kW ATEX	350	546	795	297	78	450	335	450	197
AAVM/NR 560 T2 7,5kW ATEX	392	613	893	337	88	500	375	500	237
AAVM/NR 630 T2 15kW ATEX	438	688	1000	381	98	560	425	560	337
AAVM/NR 711 T2 22kW ATEX	489	767	1123	426	108	630	475	630	357

Model	D6	D7	E	F	G	H	H1	H2	I
AAVM/NR 712 T4 4kW ATEX	489	767	1123	426	108	630	475	630	197
AAVM/NR 801 T2 45kW ATEX	545	854	1265	481	121	710	530	710	421
AAVM/NR 802 T4 7,5kW ATEX	545	854	1265	481	121	710	530	710	237
AAVM/NR 901 T2 75kW ATEX	617	963	1428	542	134	800	600	800	591
AAVM/NR 902 T4 11kW ATEX	617	963	1428	542	134	800	600	800	337
AAVM/NR 1001 T2 110kW ATEX	640	1074	1591	607	150	900	670	900	675
AAVM/NR 1001 T2 132kW ATEX	640	1074	1591	607	150	900	670	900	675
AAVM/NR 1002 T4 18,5kW ATEX	640	1074	1591	607	150	900	670	900	357

Model	L	M	N	N1xØ1	N2xØ2	O	O6	P	S
AAVM/N 350 T2 1,1kW ATEX	45	211	45	Nº8 M6x20	6x12	203	155	225	315
AAVM/N 400 T2 2,2kW ATEX	58	246	55	Nº8 M6x20	6x12	234	170	260	340
AAVM/N 450 T2 4kW ATEX	49	276	30	Nº8 M6x20	6x12	289	190	324	375
AAVM/N 500 T2 5,5kW ATEX	59	336	40	Nº8 M8x25	8x12	337	211	372	410
AAVM/N 560 T2 11kW ATEX	49	436	50	Nº8 M8x25	8x12	395	238	440	460
AAVM/N 630 T2 18,5kW ATEX	49	436	50	Nº8 M8x25	10x12	395	263	440	515
AAVM/N 711 T2 30kW ATEX	39	500	80	Nº8 M8x25	10x12	506	292	568	570
AAVM/N 711 T2 37kW ATEX	39	500	80	Nº8 M8x25	10x12	506	292	568	570
AAVM/N 712 T4 5,5kW ATEX	59	336	40	Nº8 M8x25	10x12	337	292	372	570
AAVM/N 801 T2 55kW ATEX	39	600	60	Nº12 M8x25	10x12	604	324	690	640
AAVM/N 801 T2 75kW ATEX	46	697	60	Nº12 M8x25	10x12	690	324	750	640
AAVM/N 802 T4 11kW ATEX	49	436	50	Nº12 M8x25	10x12	395	324	440	640
AAVM/N 901 T2 90kW ATEX	46	697	60	Nº12 M8x25	10x12	690	363	750	715
AAVM/N 901 T2 110kW ATEX	45	800	80	Nº12 M8x25	10x12	760	363	865	715
AAVM/N 902 T4 15kW ATEX	49	436	50	Nº12 M8x25	10x12	395	363	440	715
AAVM/N 1001 T2 160kW ATEX	45	800	80	Nº12 M8x25	14x12	760	404	865	790
AAVM/N 1001 T2 200kW ATEX	45	800	80	Nº12 M8x25	14x12	760	404	865	790
AAVM/N 1002 T4 22kW ATEX	33	460	70	Nº12 M8x25	14x12	434	404	488	790

Model	L	M	N	N1xØ1	N2xØ2	O	O6	P	S
AAVM/NR 350 T2 0,75kW ATEX	45	211	45	Nº8 M6x20	6x12	203	155	225	315
AAVM/NR 400 T2 1,5kW ATEX	58	246	55	Nº8 M6x20	6x12	234	170	260	340
AAVM/NR 450 T2 3kW ATEX	49	276	30	Nº8 M6x20	6x12	289	190	324	375
AAVM/NR 500 T2 4kW ATEX	49	276	30	Nº8 M8x25	8x12	289	211	324	410
AAVM/NR 560 T2 7,5kW ATEX	59	336	40	Nº8 M8x25	8x12	337	238	372	460
AAVM/NR 630 T2 15kW ATEX	49	436	50	Nº8 M8x25	10x12	395	263	440	515
AAVM/NR 711 T2 22kW ATEX	33	460	70	Nº8 M8x25	10x12	434	292	488	570
AAVM/NR 712 T4 4kW ATEX	49	276	30	Nº8 M8x25	10x12	289	292	324	570
AAVM/NR 801 T2 45kW ATEX	39	540	80	Nº12 M8x25	10x12	556	324	616	640
AAVM/NR 802 T4 7,5kW ATEX	59	336	40	Nº12 M8x25	10x12	337	324	372	640
AAVM/NR 901 T2 75kW ATEX	46	697	60	Nº12 M8x25	10x12	690	363	750	715
AAVM/NR 902 T4 11kW ATEX	49	436	50	Nº12 M8x25	10x12	395	363	440	715
AAVM/NR 1001 T2 110kW ATEX	45	800	80	Nº12 M8x25	14x12	760	404	865	790
AAVM/NR 1001 T2 132kW ATEX	45	800	80	Nº12 M8x25	14x12	760	404	865	790
AAVM/NR 1002 T4 18,5kW ATEX	33	460	70	Nº12 M8x25	14x12	434	404	488	790

Model	S1	S2	S3	S4	S5	S6	S7	X	X1
AAVM/N 350 T2 1,1kW ATEX	262	272	250	405	323	287	280	262	250
AAVM/N 400 T2 2,2kW ATEX	284	293	280	450	356	314	302	284	280
AAVM/N 450 T2 4kW ATEX	313	319	300	490	393	350	335	313	300
AAVM/N 500 T2 5,5kW ATEX	345	350	335	546	436	386	370	345	335
AAVM/N 560 T2 11kW ATEX	393	392	375	613	488	438	418	393	375
AAVM/N 630 T2 18,5kW ATEX	440	438	425	688	545	493	472	440	425
AAVM/N 711 T2 30kW ATEX	493	489	475	767	610	547	522	493	475
AAVM/N 711 T2 37kW ATEX	493	489	475	767	610	547	522	493	475
AAVM/N 712 T4 5,5kW ATEX	493	489	475	767	610	547	522	493	475
AAVM/N 801 T2 55kW ATEX	555	545	530	854	682	622	592	555	530
AAVM/N 801 T2 75kW ATEX	555	545	530	854	682	622	592	555	530
AAVM/N 802 T4 11kW ATEX	555	545	530	854	682	622	592	555	530
AAVM/N 901 T2 90kW ATEX	628	617	600	963	763	696	668	628	600

Model	S1	S2	S3	S4	S5	S6	S7	X	X1
AAVM/N 901 T2 110kW ATEX	628	617	600	963	763	696	668	628	600
AAVM/N 902 T4 15kW ATEX	628	617	600	963	763	696	668	628	600
AAVM/N 1001 T2 160kW ATEX	691	640	670	1074	849	805	765	691	670
AAVM/N 1001 T2 200kW ATEX	691	640	670	1074	849	805	765	691	670
AAVM/N 1002 T4 22kW ATEX	691	640	670	1074	849	805	765	691	670
AAVM/NR 350 T2 0,75kW ATEX	262	272	250	405	323	287	280	262	250
AAVM/NR 400 T2 1,5kW ATEX	284	293	280	450	356	314	302	284	280
AAVM/NR 450 T2 3kW ATEX	313	319	300	490	393	350	335	313	300
AAVM/NR 500 T2 4kW ATEX	345	350	335	546	436	386	370	345	335
AAVM/NR 560 T2 7,5kW ATEX	393	392	375	613	488	438	418	393	375
AAVM/NR 630 T2 15kW ATEX	440	438	425	688	545	493	472	440	425
AAVM/NR 711 T2 22kW ATEX	493	489	475	767	610	547	522	493	475
AAVM/NR 712 T4 4kW ATEX	493	489	475	767	610	547	522	493	475
AAVM/NR 801 T2 45kW ATEX	555	545	530	854	682	622	592	555	530
AAVM/NR 802 T4 7,5kW ATEX	555	545	530	854	682	622	592	555	530
AAVM/NR 901 T2 75kW ATEX	628	617	600	963	763	696	668	628	600
AAVM/NR 902 T4 11kW ATEX	628	617	600	963	763	696	668	628	600
AAVM/NR 1001 T2 110kW ATEX	691	640	670	1074	849	805	765	691	670
AAVM/NR 1001 T2 132kW ATEX	691	640	670	1074	849	805	765	691	670
AAVM/NR 1002 T4 18,5kW ATEX	691	640	670	1074	849	805	765	691	670

Model	X2	X3	X4	X5	X6	X7	a	a1	a2
AAVM/N 350 T2 1,1kW ATEX	405	323	287	315	280	272	146	182	216
AAVM/N 400 T2 2,2kW ATEX	450	356	314	340	302	293	166	200	236
AAVM/N 450 T2 4kW ATEX	490	393	350	375	335	319	185	219	255
AAVM/N 500 T2 5,5kW ATEX	546	436	386	410	370	350	207	241	277
AAVM/N 560 T2 11kW ATEX	613	488	438	460	418	392	231	265	301
AAVM/N 630 T2 18,5kW ATEX	688	545	493	515	472	438	258	292	328
AAVM/N 711 T2 30kW ATEX	767	610	547	570	522	489	288	332	368
AAVM/N 711 T2 37kW ATEX	767	610	547	570	522	489	288	332	368
AAVM/N 712 T4 5,5kW ATEX	767	610	547	570	522	489	288	332	368
AAVM/N 801 T2 55kW ATEX	854	682	622	640	592	545	322	366	402
AAVM/N 801 T2 75kW ATEX	854	682	622	640	592	545	322	366	402
AAVM/N 802 T4 11kW ATEX	854	682	622	640	592	545	322	366	402
AAVM/N 901 T2 90kW ATEX	963	763	696	715	668	617	361	405	441
AAVM/N 901 T2 110kW ATEX	963	763	696	715	668	617	361	405	441
AAVM/N 902 T4 15kW ATEX	963	763	696	715	668	617	361	405	441
AAVM/N 1001 T2 160kW ATEX	1074	849	805	790	765	640	404	448	484
AAVM/N 1001 T2 200kW ATEX	1074	849	805	790	765	640	404	448	484
AAVM/N 1002 T4 22kW ATEX	1074	849	805	790	765	640	404	448	484

Model	X2	X3	X4	X5	X6	X7	a	a1	a2
AAVM/NR 350 T2 0,75kW ATEX	405	323	287	315	280	272	146	182	216
AAVM/NR 400 T2 1,5kW ATEX	450	356	314	340	302	293	166	200	236
AAVM/NR 450 T2 3kW ATEX	490	393	350	375	335	319	185	219	255
AAVM/NR 500 T2 4kW ATEX	546	436	386	410	370	350	207	241	277
AAVM/NR 560 T2 7,5kW ATEX	613	488	438	460	418	392	231	265	301
AAVM/NR 630 T2 15kW ATEX	688	545	493	515	472	438	258	292	328
AAVM/NR 711 T2 22kW ATEX	767	610	547	570	522	489	288	332	368
AAVM/NR 712 T4 4kW ATEX	767	610	547	570	522	489	288	332	368
AAVM/NR 801 T2 45kW ATEX	854	682	622	640	592	545	322	366	402
AAVM/NR 802 T4 7,5kW ATEX	854	682	622	640	592	545	322	366	402
AAVM/NR 901 T2 75kW ATEX	963	763	696	715	668	617	361	405	441
AAVM/NR 902 T4 11kW ATEX	963	763	696	715	668	617	361	405	441
AAVM/NR 1001 T2 110kW ATEX	1074	849	805	790	765	640	404	448	484
AAVM/NR 1001 T2 132kW ATEX	1074	849	805	790	765	640	404	448	484
AAVM/NR 1002 T4 18,5kW ATEX	1074	849	805	790	765	640	404	448	484

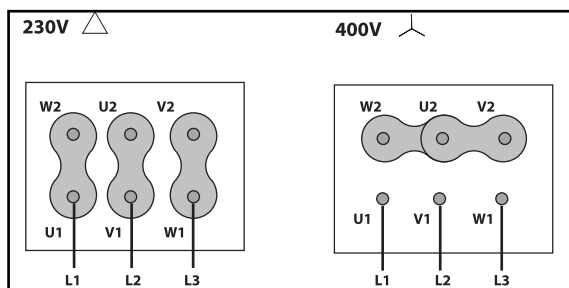
Model	b	b1	b2	d	d1	d2	n1xp	n2xp	Ø3
AAVM/N 350 T2 1,1kW ATEX	105	139	175	185	219	250	-	1x112	10
AAVM/N 400 T2 2,2kW ATEX	117	151	187	205	241	275	-	1x112	10
AAVM/N 450 T2 4kW ATEX	131	165	201	228	265	298	-	1x112	12
AAVM/N 500 T2 5,5kW ATEX	148	182	218	255	292	325	1x112	1x112	12
AAVM/N 560 T2 11kW ATEX	166	200	236	285	332	365	1x112	1x112	14
AAVM/N 630 T2 18,5kW ATEX	185	219	255	320	366	400	1x112	2x112	14
AAVM/N 711 T2 30kW ATEX	205	249	285	360	405	440	1x125	2x125	19
AAVM/N 711 T2 37kW ATEX	205	249	285	360	405	440	1x125	2x125	19
AAVM/N 712 T4 5,5kW ATEX	205	249	285	360	405	440	1x125	2x125	12
AAVM/N 801 T2 55kW ATEX	229	273	309	405	448	485	1x125	2x125	19
AAVM/N 801 T2 75kW ATEX	229	273	309	405	448	485	1x125	2x125	21
AAVM/N 802 T4 11kW ATEX	229	273	309	405	448	485	1x125	2x125	14
AAVM/N 901 T2 90kW ATEX	256	300	336	455	497	535	1x125	2x125	21
AAVM/N 901 T2 110kW ATEX	256	300	336	455	497	535	1x125	2x125	24
AAVM/N 902 T4 15kW ATEX	256	300	336	455	497	535	1x125	2x125	14
AAVM/N 1001 T2 160kW ATEX	288	332	368	505	551	585	2x125	3x125	24
AAVM/N 1001 T2 200kW ATEX	288	332	368	505	551	585	2x125	3x125	24
AAVM/N 1002 T4 22kW ATEX	288	332	368	505	551	585	2x125	3x125	17
AAVM/NR 350 T2 0,75kW ATEX	105	139	175	185	219	250	-	1x112	10
AAVM/NR 400 T2 1,5kW ATEX	117	151	187	205	241	275	-	1x112	10
AAVM/NR 450 T2 3kW ATEX	131	165	201	228	265	298	-	1x112	12
AAVM/NR 500 T2 4kW ATEX	148	182	218	255	292	325	1x112	1x112	12
AAVM/NR 560 T2 7,5kW ATEX	166	200	236	285	332	365	1x112	1x112	12

Model	b	b1	b2	d	d1	d2	n1xp	n2xp	Ø3
AAVM/NR 630 T2 15kW ATEX	185	219	255	320	366	400	1x112	2x112	14
AAVM/NR 711 T2 22kW ATEX	205	249	285	360	405	440	1x125	2x125	17
AAVM/NR 712 T4 4kW ATEX	205	249	285	360	405	440	1x125	2x125	12
AAVM/NR 801 T2 45kW ATEX	229	273	309	405	448	485	1x125	2x125	19
AAVM/NR 802 T4 7,5kW ATEX	229	273	309	405	448	485	1x125	2x125	12
AAVM/NR 901 T2 75kW ATEX	256	300	336	455	497	535	1x125	2x125	21
AAVM/NR 902 T4 11kW ATEX	256	300	336	455	497	535	1x125	2x125	14
AAVM/NR 1001 T2 110kW ATEX	288	332	368	505	551	585	2x125	3x125	24
AAVM/NR 1001 T2 132kW ATEX	288	332	368	505	551	585	2x125	3x125	24
AAVM/NR 1002 T4 18,5kW ATEX	288	332	368	505	551	585	2x125	3x125	17

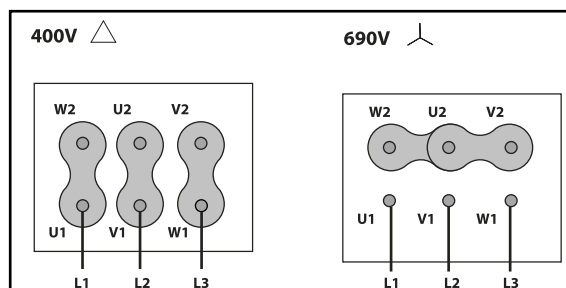
Wiring diagram

Wiring diagram Nº 1

230/400V



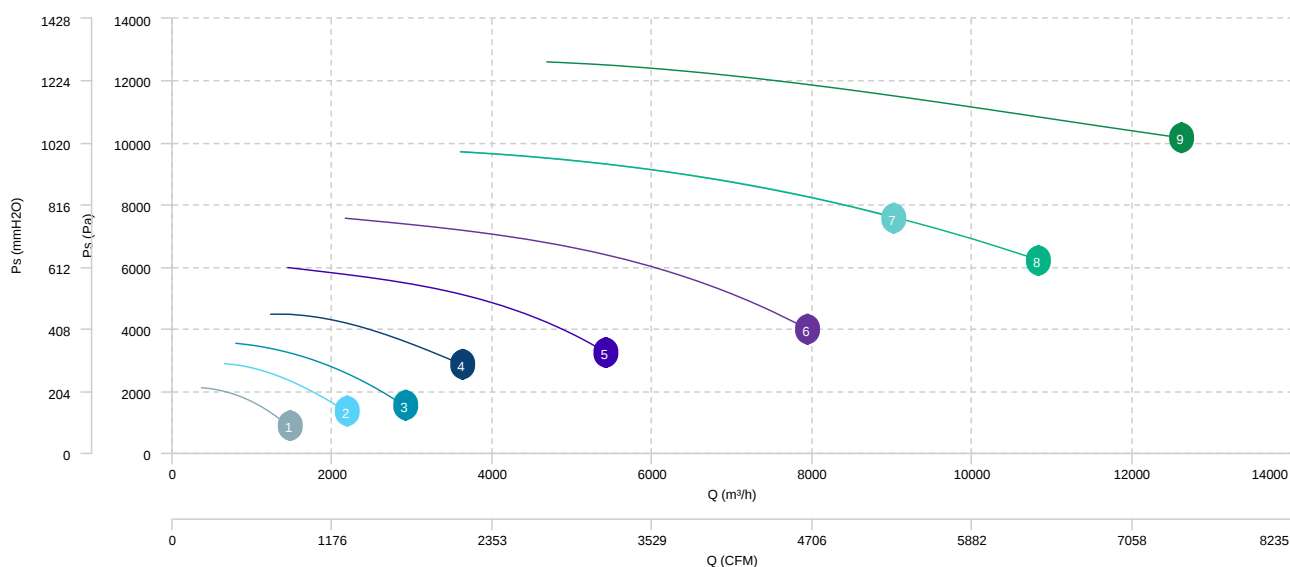
400/690V



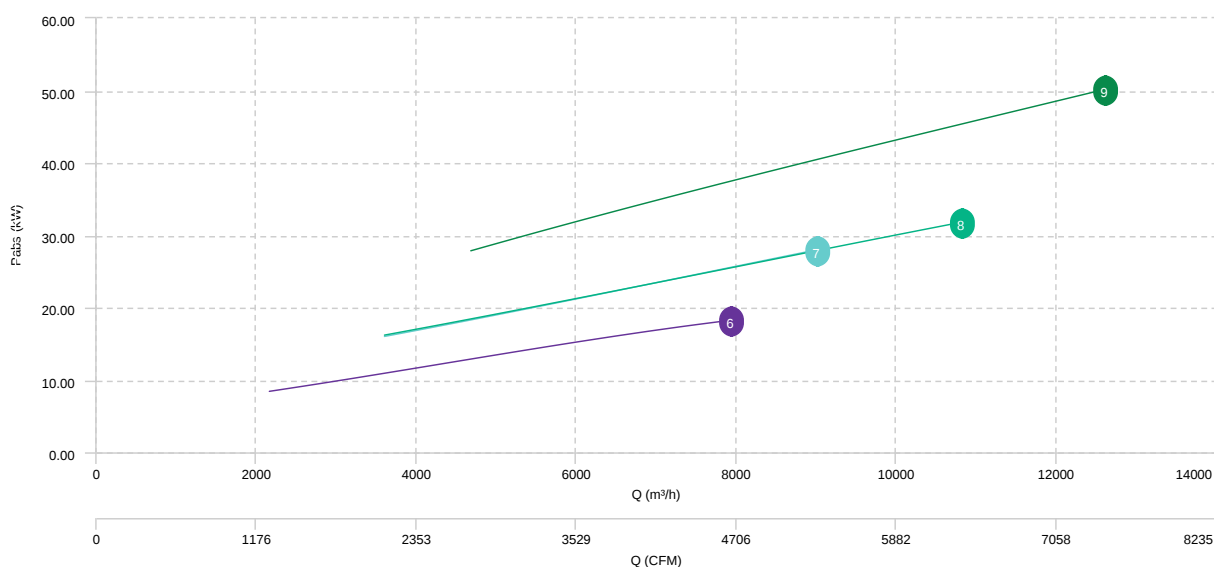
CHARACTERISTIC CURVE

1	AAVM/N 350 T2 1,1kW ATEX	2	AAVM/N 400 T2 2,2kW ATEX	3	AAVM/N 450 T2 4kW ATEX	4	AAVM/N 500 T2 5,5kW ATEX
5	AAVM/N 560 T2 11kW ATEX	6	AAVM/N 630 T2 18,5kW ATEX	7	AAVM/N 711 T2 30kW ATEX	8	AAVM/N 711 T2 37kW ATEX
9	AAVM/N 801 T2 55kW ATEX						

AIR FLOW - PRESSURE

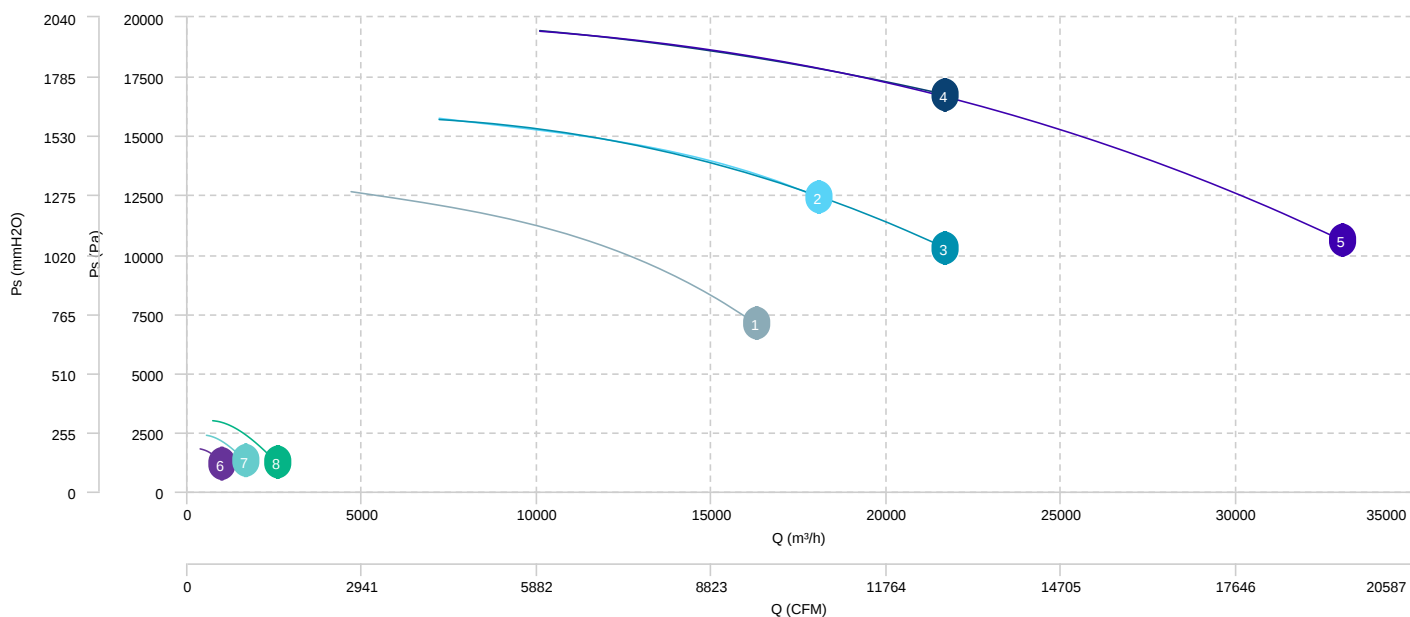


AIR FLOW - ABSORBED POWER

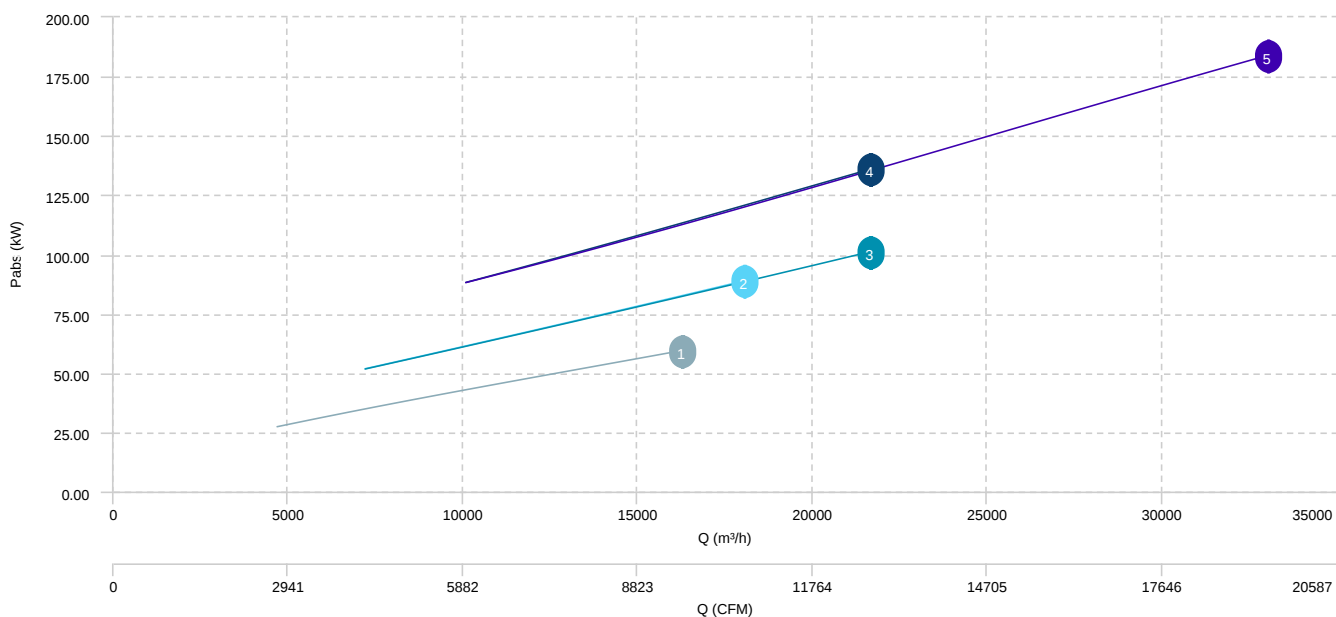


1	AAVM/N 801 T2 75kW ATEX	2	AAVM/N 901 T2 90kW ATEX	3	AAVM/N 901 T2 110kW ATEX	4	AAVM/N 1001 T2 160kW ATEX
5	AAVM/N 1001 T2 200kW ATEX	6	AAVM/NR 350 T2 0,75kW ATEX	7	AAVM/NR 400 T2 1,5kW ATEX	8	AAVM/NR 450 T2 3kW ATEX

AIR FLOW - PRESSURE

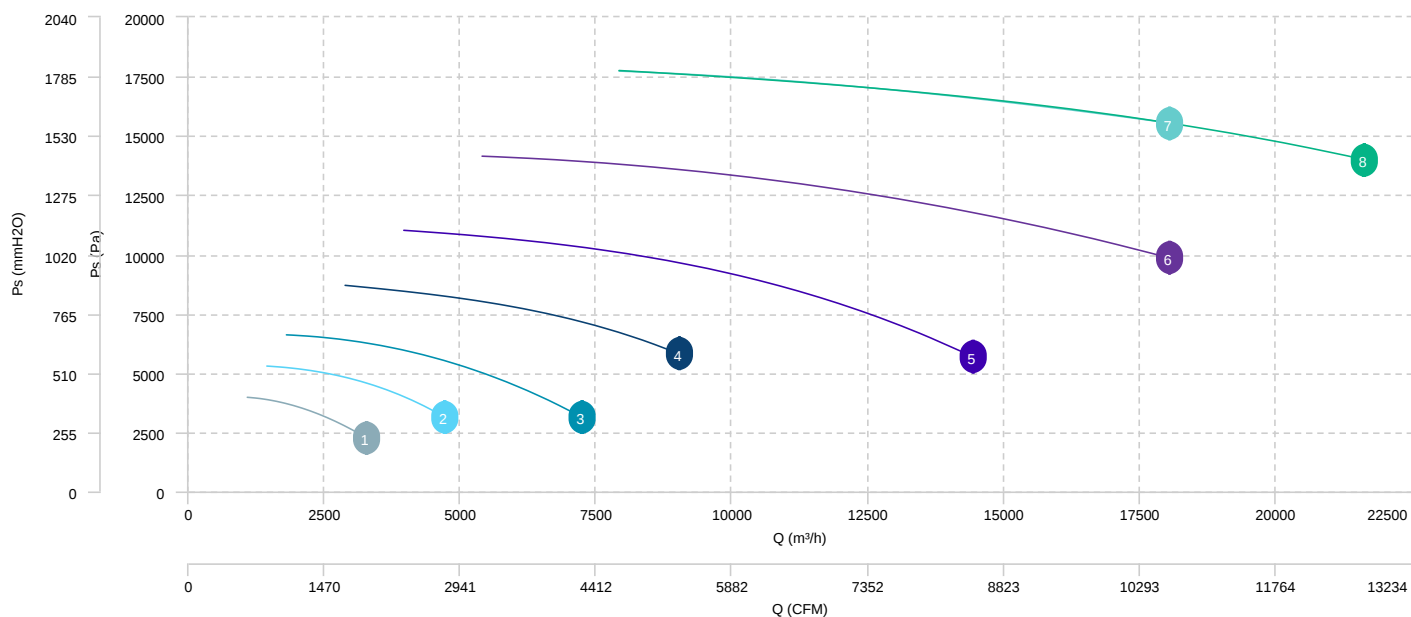


AIR FLOW - ABSORBED POWER

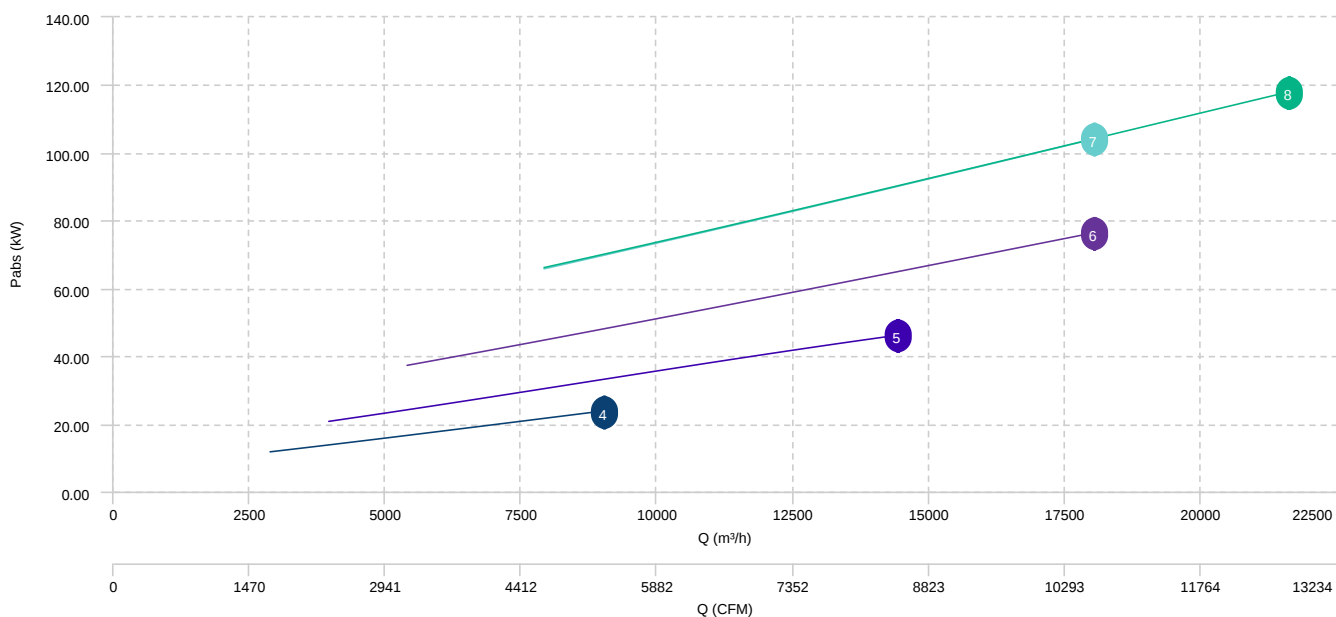


1	AAVM/NR 500 T2 4kW ATEX	2	AAVM/NR 560 T2 7,5kW ATEX	3	AAVM/NR 630 T2 15kW ATEX	4	AAVM/NR 711 T2 22kW ATEX
5	AAVM/NR 801 T2 45kW ATEX	6	AAVM/NR 901 T2 75kW ATEX	7	AAVM/NR 1001 T2 110kW ATEX	8	AAVM/NR 1001 T2 132kW ATEX

AIR FLOW - PRESSURE

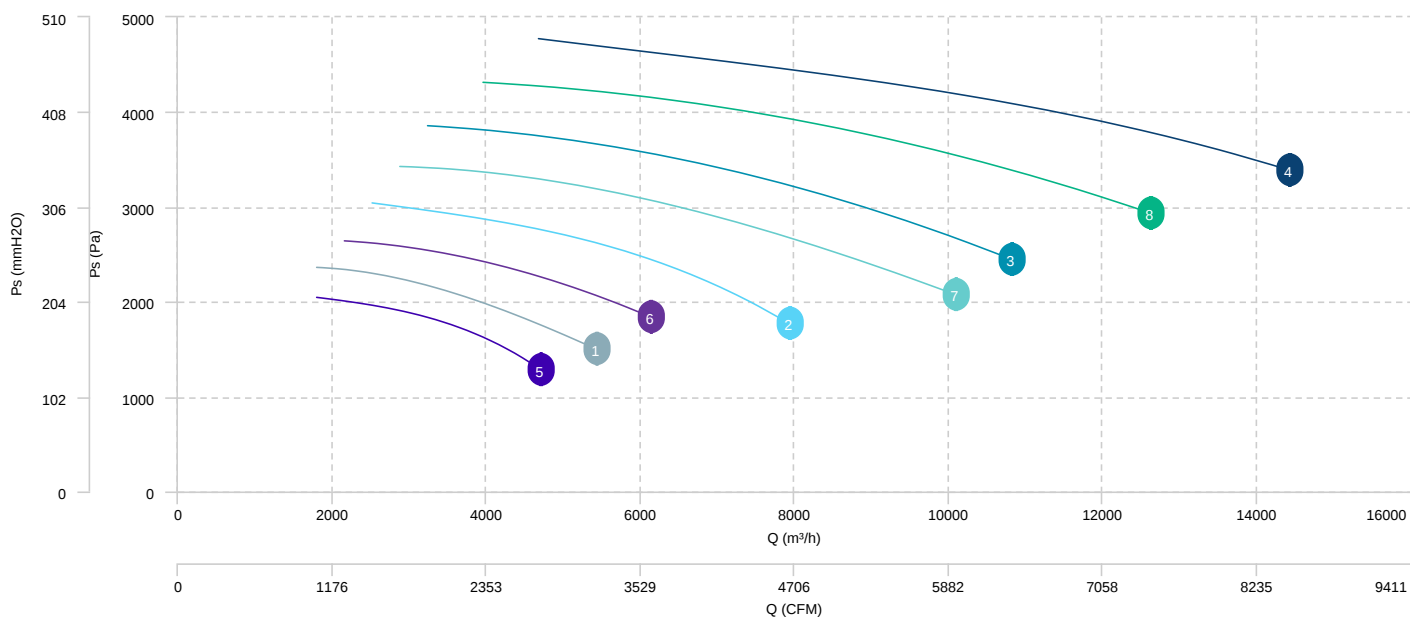


AIR FLOW - ABSORBED POWER



1	AAVM/N 712 T4 5,5kW ATEX	2	AAVM/N 802 T4 11kW ATEX	3	AAVM/N 902 T4 15kW ATEX	4	AAVM/N 1002 T4 22kW ATEX
5	AAVM/NR 712 T4 4kW ATEX	6	AAVM/NR 802 T4 7,5kW ATEX	7	AAVM/NR 902 T4 11kW ATEX	8	AAVM/NR 1002 T4 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
AAVM/N 350 T2 1,1kW ATEX	Inlet	60	72	76	85	88	87	80	73	92
AAVM/N 400 T2 2,2kW ATEX	Inlet	62	73	77	87	90	89	82	74	94
AAVM/N 450 T2 4kW ATEX	Inlet	64	76	80	89	93	91	84	77	97
AAVM/N 500 T2 5,5kW ATEX	Inlet	68	80	84	93	96	95	88	81	100
AAVM/N 560 T2 11kW ATEX	Inlet	71	83	87	96	99	98	91	84	103
AAVM/N 630 T2 18,5kW ATEX	Inlet	74	86	90	99	102	101	94	87	106
AAVM/N 711 T2 30kW ATEX	Inlet	77	89	93	102	105	104	97	90	109
AAVM/N 711 T2 37kW ATEX	Inlet	77	89	93	102	106	104	97	90	110
AAVM/N 801 T2 55kW ATEX	Inlet	78	90	94	103	107	105	98	91	111
AAVM/N 801 T2 75kW ATEX	Inlet	79	91	95	104	108	106	99	92	112
AAVM/N 901 T2 90kW ATEX	Inlet	82	94	98	107	110	109	102	95	114
AAVM/N 901 T2 110kW ATEX	Inlet	83	95	99	108	111	110	103	96	115
AAVM/N 1001 T2 160kW ATEX	Inlet	86	98	102	111	114	113	106	99	118
AAVM/N 1001 T2 200kW ATEX	Inlet	87	99	103	112	115	114	107	100	119
AAVM/NR 350 T2 0,75kW ATEX	Inlet	60	72	76	85	88	87	80	73	92
AAVM/NR 400 T2 1,5kW ATEX	Inlet	61	73	77	86	90	88	81	74	94
AAVM/NR 450 T2 3kW ATEX	Inlet	64	76	80	89	92	91	84	77	96
AAVM/NR 500 T2 4kW ATEX	Inlet	67	79	83	92	95	94	87	80	99
AAVM/NR 560 T2 7,5kW ATEX	Inlet	70	82	86	95	98	97	90	83	102
AAVM/NR 630 T2 15kW ATEX	Inlet	74	86	90	99	102	101	94	87	106
AAVM/NR 711 T2 22kW ATEX	Inlet	76	88	92	101	104	103	96	89	108
AAVM/NR 801 T2 45kW ATEX	Inlet	78	90	94	103	106	105	98	91	110
AAVM/NR 901 T2 75kW ATEX	Inlet	81	93	97	106	109	108	101	94	113
AAVM/NR 1001 T2 110kW ATEX	Inlet	85	97	101	110	113	112	105	97	117
AAVM/NR 1001 T2 132kW ATEX	Inlet	85	97	101	110	114	112	105	98	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
AAVM/N 712 T4 5,5kW ATEX	Inlet	61	73	77	86	89	88	81	74	93
AAVM/N 802 T4 11kW ATEX	Inlet	63	75	79	88	91	90	83	76	95
AAVM/N 902 T4 15kW ATEX	Inlet	66	77	81	90	93	92	85	78	97
AAVM/N 1002 T4 22kW ATEX	Inlet	69	81	85	94	97	95	89	81	101

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
AAVM/NR 712 T4 4kW ATEX	Inlet	61	73	77	86	89	88	81	74	93
AAVM/NR 802 T4 7,5kW ATEX	Inlet	62	74	78	87	90	89	82	75	94
AAVM/NR 902 T4 11kW ATEX	Inlet	65	77	81	90	93	92	85	78	97
AAVM/NR 1002 T4 18,5kW ATEX	Inlet	68	80	84	93	96	95	88	81	100