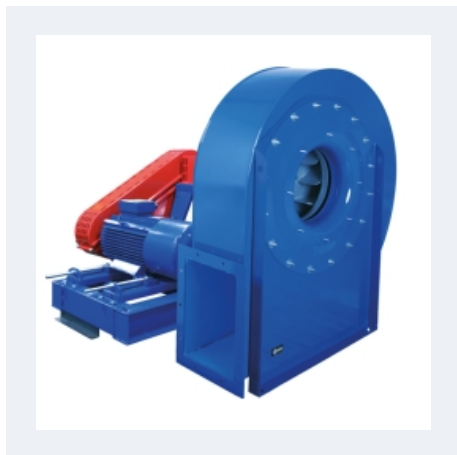


MTRM



MEDIUM PRESSURE WITH BACKWARD IMPELLER AND BELT TRANSMISSION

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.
- Fully welded housing.
- Single inlet backward impeller with self-cleaning system, manufactured of rolled steel sheet and polyester powder finishing. Impellers are painted with polyester primer that resists temperatures up to 300°C.
- Motorized fan with base frame (configuration 12). Full equipped fans including: motor, pulleys, belts, belts guard and shaft guard. Fitted over a base plate. IE4 motors for 75kW power or higher.
- It allows adjusting the orientation locally from models 220 to 630. Models sizes from 710 to 2000 size the orientation is fixed.

- 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 air and pneumatic transport.
 - Exhaust after filters, separators and cyclones.
 - Dusty air or with low load of granulated materials.
 - Maximum working temperature: carried air: 200°C, ambient: 60°C.

UNDER REQUEST

- Fans for 60Hz and special voltages.
- 2 speed motor.
- Fan with free shaft (configuration 1) or with motor supported on the pedestal side (configuration 9).
- C4 coating painting
- Hot dip galvanized
- Special steel (Cor-Ten A, Hardox...)
- Inox 304 (normal or electropolished finish)
- Inox 316 (normal or electropolished finish)
- Cooling wheel
- Anticaloric paint
- Reinforced housing
- Fully welded housing (waterproof)
- Insulated housing
- Split casing (for big sizes)
- Inspection door to facilitate maintenance and cleaning
- Drain plug.
- Airtight axle
- Frontal foot
- Double suction flange
- Available in non-sparking air passage and standard motor.
- Other brands of motors.

Accessories



AB



AC



AVR



AVS



BA-400



BADS



BIDS



EI



FS



INT



JE 45



RA



RI



SFC

Technical data

Three-phase motor

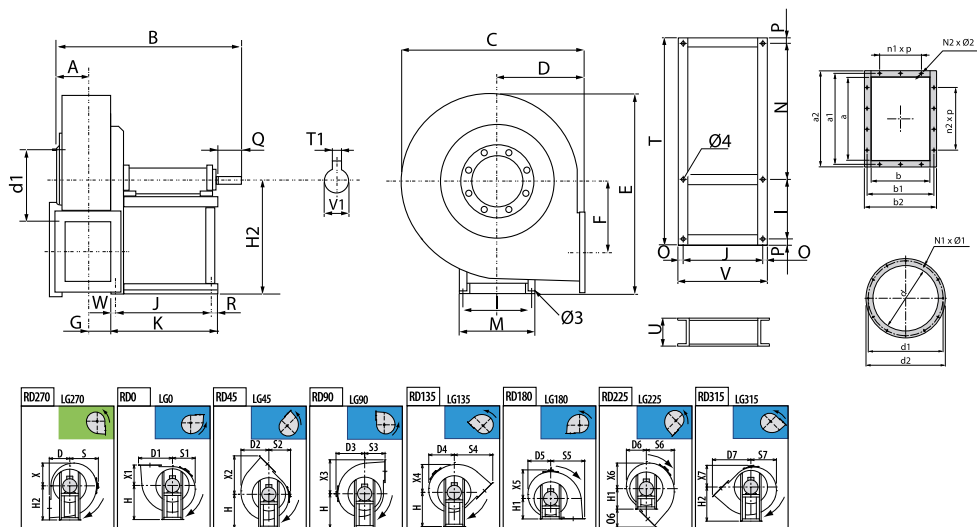
Code	Model	RPM	Min. Rated power kW	Max. Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
5044022__R__	MTRM 220	2800rpm - 6300rpm	0,37	2,20	1.000	88	20	1
5044025__R__	MTRM 250	2800rpm - 6300rpm	0,37	3,00	1.560	92	25	1
5044028__R__	MTRM 280	2550rpm - 5600rpm	0,37	4,00	2.180	94	40	1
5044031__R__	MTRM 310	2250rpm - 5000rpm	0,55	4,00	3.080	92	45	1
5044035__R__	MTRM 350	2000rpm - 4500rpm	0,55	7,50	4.200	110	75	1
5044040__R__	MTRM 400	1600rpm - 4000rpm	0,55	9,00	7.160	88	86	1
5044045__R__	MTRM 450	1400rpm - 3600rpm	1,10	15,00	8.910	83	98	1
5044050__R__	MTRM 500	1400rpm - 3400rpm	2,20	22,00	13.020	88	115	1
5044056__R__	MTRM 560	1250rpm - 3300rpm	4,00	30,00	17.980	90	194	1
5044063__R__	MTRM 630	1250rpm - 3050rpm	4,00	37,00	19.180	107	229	1
5044071__R__	MTRM 710	950rpm - 2750rpm	5,50	55,00	23.350	108	346	1
5044080__R__	MTRM 800	850rpm - 2400rpm	5,50	55,00	32.510	106	421	1
5044090__R__	MTRM 900	800rpm - 2200rpm	7,50	55,00	40.570	99	517	1
5044100__R__	MTRM 1000	700rpm - 1900rpm	11,00	90,00	51.350	100	746	1
5044112__R__	MTRM 1120	600rpm - 1650rpm	11,00	90,00	65.040	104	1040	1
5044125__R__	MTRM 1250	550rpm - 1450rpm	18,50	200,00	78.590	99	1195	1
5044140__R__	MTRM 1400	500rpm - 1300rpm	30,00	200,00	96.320	100	1696	1
5044160__R__	MTRM 1600	500rpm - 1200rpm	30,00	200,00	130.270	108	2100	1
5044180__R__	MTRM 1800	450rpm - 1150rpm	37,00	315,00	156.010	121	2740	1
5044200__R__	MTRM 2000	400rpm - 1050rpm	45,00	315,00	199.630	118	3630	1

Notes:

* The motor is not included in fan weight

** 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
MTRM 220	59	455	391	165	232	200	226	190	175
MTRM 250	86	496	471	195	314	255	276	235	212
MTRM 280	95	592	505	200	353	287	305	262	231
MTRM 310	105	635	557	225	393	316	332	228	256
MTRM 350	115	806	630	255	437	359	385	325	288
MTRM 400	127	820	685	285	487	387	400	353	311
MTRM 450	141	847	765	320	542	435	445	398	354
MTRM 500	157	985	862	360	597	490	502	450	400

Model	D6	D7	E	F	G	H	H1	H2	I
MTRM 220	190	280	475	150	55	255	165	300	228
MTRM 250	215	360	527	175	77	315	195	315	228
MTRM 280	226	391	606	202	86	375	200	375	288
MTRM 310	253	489	656	229	96	400	225	400	288
MTRM 350	278	437	738	253	106	450	255	450	355
MTRM 400	306	546	811	286	118	500	285	500	355
MTRM 450	342	609	914	321	132	560	320	560	355
MTRM 500	380	677	1000	355	148	600	360	600	364

Model	J	K	M	N	N1x01	N2x02	O	O6	P
MTRM 220	210	288	255	-	Nº4 M6x20	4x8	17	115	13,5
MTRM 250	210	282	255	-	Nº8 M6x20	8x12	17	165	13,5

Model	J	K	M	N	N1xØ1	N2xØ2	O	O6	P
MTRM 280	284	347	324	-	Nº8 M6x20	8x12	23	191	18
MTRM 310	284	347	324	256	Nº8 M6x20	10x12	18	212	18
MTRM 350	407	485	400	610	Nº8 M8x25	10x12	28	234	22,5
MTRM 400	407	485	400	-	Nº8 M8x25	10x12	28	261	22,5
MTRM 450	407	485	400	-	Nº8 M8x25	10x12	28	289	22,5
MTRM 500	477	560	418	-	Nº8 M8x25	14x12	33	317	27

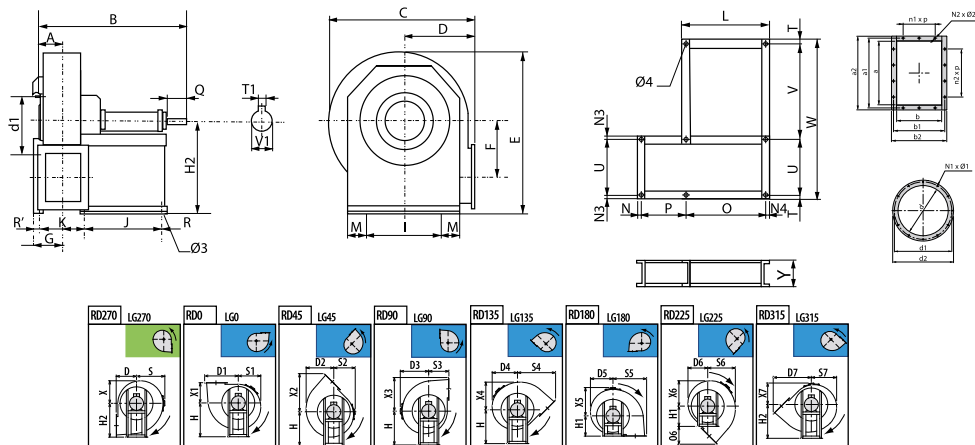
Model	Q	R	S	S1	S2	S3	S4	S5	S6
MTRM 220	40	17	226	175	190	165	280	232	200
MTRM 250	40	17	276	212	215	195	360	314	255
MTRM 280	50	23	305	231	226	200	391	353	287
MTRM 310	50	23	332	256	253	225	437	396	316
MTRM 350	60	28	375	288	278	255	489	437	359
MTRM 400	80	28	400	311	306	285	543	487	387
MTRM 450	80	28	445	354	342	320	609	542	435
MTRM 500	110	33	502	400	380	360	676	597	490

Model	S7	T	T1	U	V	V1	W	X	X1
MTRM 220	190	6	6	80	19	19	61	175	165
MTRM 250	235	6	6	80	19	19	55	212	195
MTRM 280	262	8	8	100	24	24	40	231	200
MTRM 310	288	900	8	100	330	24	40	256	225
MTRM 350	325	1010	8	120	463	28	50	288	255
MTRM 400	353	10	10	120	38	38	50	311	285
MTRM 450	398	10	10	120	38	38	50	354	320
MTRM 500	450	12	12	140	42	42	50	400	360

Model	X2	X3	X4	X5	X6	X7	a	a1	a2
MTRM 220	280	232	200	226	190	190	124	145	164
MTRM 250	360	314	255	276	235	215	207	241	277
MTRM 280	391	353	287	305	262	226	231	265	301
MTRM 310	437	393	316	332	288	253	258	292	328
MTRM 350	489	437	359	375	325	278	288	332	368
MTRM 400	543	487	387	400	353	306	322	366	402
MTRM 450	609	542	435	445	398	342	361	405	441
MTRM 500	677	597	490	502	450	380	404	448	484

Model	b	b1	b2	d	d1	d2	n1xp	n2xp	Ø3
MTRM 220	103	125	143	130	165	190	-	-	10
MTRM 250	148	182	218	185	219	250	1x112	1x112	10
MTRM 280	166	200	236	205	241	275	1x112	1x112	12
MTRM 310	185	219	255	228	265	298	1x112	2x112	12
MTRM 350	205	249	285	255	292	325	1x125	2x125	14
MTRM 400	229	273	309	285	332	365	1x125	2x125	14
MTRM 450	256	300	336	320	366	400	1x125	2x125	14
MTRM 500	288	332	368	360	405	440	2x125	3x125	17

Model	Ø4
MTRM 220	12
MTRM 250	12
MTRM 280	15
MTRM 310	15
MTRM 350	15
MTRM 400	15
MTRM 450	15
MTRM 500	18



Model	A	B	C	D	D1	D2	D3	D4	D5
MTRM 560	177	1058	970	400	657	555	570	542	485
MTRM 630	195	1102	1080	450	733	619	630	603	550

Model	D6	D7	E	F	G	H	H1	H2	I
MTRM 560	425	747	1155	390	214	670	400	670	632
MTRM 630	476	836	439	1300	234	750	450	750	702

Model	J	K	L	M	N	N1xØ1	N2xØ2	N3	N4
MTRM 560	477	943	543	30	23	Nº12 M8x25	14x12	30	33
MTRM 630	477	983	543	30	23	Nº12 M8x25	14x12	30	33

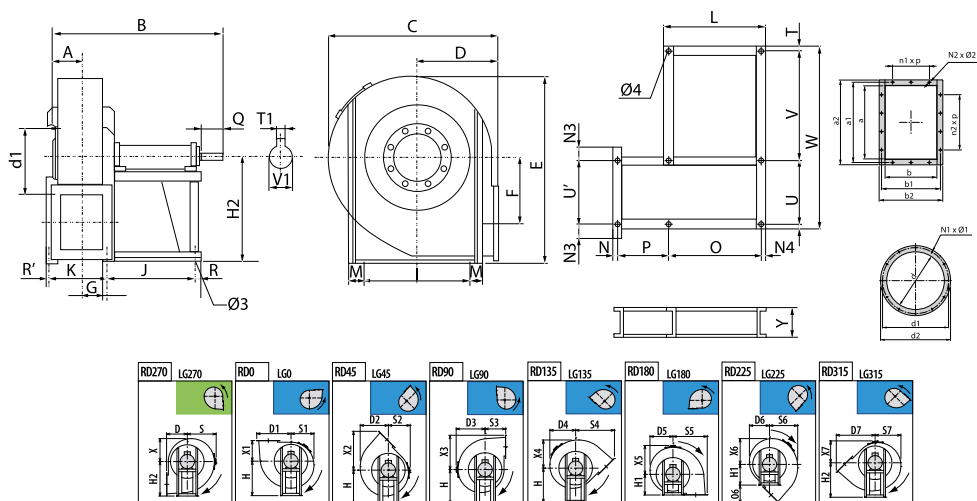
Model	O	O6	P	Q	R	S	S1	S2	S3
MTRM 560	477	347	410	110	33	570	485	425	400
MTRM 630	477	386	450	110	33	630	550	476	450

Model	S4	S5	S6	S7	T	U	V	W	X
MTRM 560	747	667	555	542	14	632	678	1370	485
MTRM 630	836	733	619	603	14	702	708	1470	550

Model	X1	X2	X3	X4	X5	X6	X7	Y	a
MTRM 560	400	747	657	555	570	542	425	160	453
MTRM 630	450	836	733	619	630	603	476	160	507

Model	a1	a2	b	b1	b2	d	d1	d2	n1xp
MTRM 560	497	533	361	405	441	405	448	485	2x125
MTRM 630	551	587	361	405	441	455	497	535	2x125

Model	n2xp	Ø3	Ø4
MTRM 560	3x125	17	18
MTRM 630	3x125	17	18



Model	A	B	C	D	D1	D2	D3	D4	D5
MTRM 710	216	1241	1190	500	835	719	690	662	565
MTRM 800	241	1306	1342	560	929	811	782	749	641
MTRM 900	275	1360	1500	630	1038	905	870	835	721
MTRM 1000	308	1565	1686	710	1171	1015	976	936	814
MTRM 1120	350	1780	1884	800	1309	1133	1084	1037	932
MTRM 1250	388	1855	2114	900	1464	1270	1214	1163	1048
MTRM 1400	442	2050	2325	1000	1635	1395	1325	1272	1145
MTRM 1600	490	2358	2620	1120	1824	1572	1500	1434	1276
MTRM 1800	654	2525	2960	1250	2025	1790	1710	1610	1471
MTRM 2000	715	2645	3290	1400	2271	1970	1890	1811	1635

Model	D6	D7	E	F	G	H	H1	H2	I
MTRM 710	497	944	1415	500	262	670	500	670	772
MTRM 800	562	1053	1591	560	307	755	560	755	862
MTRM 900	633	1180	1781	630	334	850	630	850	962
MTRM 1000	718	1330	1994	710	385	950	710	950	1056
MTRM 1120	793	1491	2252	800	419	1060	800	1060	1178
MTRM 1250	898	1671	2548	900	458	1190	900	1190	1310
MTRM 1400	990	1863	2845	1000	531	1320	1000	1320	1450
MTRM 1600	1085	2081	3176	1120	579	1500	1120	1500	1640
MTRM 1800	1300	2312	3591	1244	634	1650	1250	1650	1830
MTRM 2000	1455	2595	3995	1394	715	1850	1400	1850	2030

Model	J	K	L	M	N	N1xØ1	N2xØ2	N3	N4
MTRM 710	551	497	629	71	27	Nº12 M8x25	14x14	71	39
MTRM 800	551	546	629	91	39	Nº12 M8x25	14x14	91	39
MTRM 900	551	600	629	91	39	Nº12 M10x30	16x14	91	39
MTRM 1000	607	657	697	99	67	Nº16 M10x30	14x14	99	45
MTRM 1120	760	763	850	111	55	Nº16 M10x30	18x14	111	45
MTRM 1250	760	840	850	110	55	Nº16 M10x30	18x14	110	45
MTRM 1400	780	946	890	120	85	Nº24 M10x30	20x18	120	55
MTRM 1600	917	1073	1047	120	75	Nº24 M10x30	24x18	120	65
MTRM 1800	917	1193	1047	130	65	Nº24 M10x30	24x18	130	65

Model	J	K	L	M	N	N1xØ1	N2xØ2	N3	N4
MTRM 2000	917	1315	1047	170	85	Nº32 M10x30	28x22	170	65

Model	O	O6	P	Q	R	R'	S	S1	S2
MTRM 710	551	444	497	110	39	27	690	565	497
MTRM 800	551	493	546	110	39	47	782	641	562
MTRM 900	551	550	600	110	39	47	870	721	633
MTRM 1000	657	620	607	140	45	67	976	814	718
MTRM 1120	760	691	763	140	45	55	1084	932	793
MTRM 1250	760	771	840	140	45	55	1214	1048	898
MTRM 1400	780	863	946	170	55	85	1325	1145	990
MTRM 1600	917	961	1073	210	65	75	1500	1276	1085
MTRM 1800	917	1062	1193	210	65	65	1710	1471	1300
MTRM 2000	917	1195	1315	210	65	85	1890	1635	1455

Model	S3	S4	S5	S6	S7	T	U	U'	V
MTRM 710	500	944	835	719	662	14	772	772	807
MTRM 800	560	1053	929	811	749	32	862	862	842
MTRM 900	630	1180	1038	905	835	32	962	962	987
MTRM 1000	710	1330	1171	1015	936	18	1056	1056	1036
MTRM 1120	800	1491	1309	1133	1037	20	1178	1178	1066
MTRM 1250	900	1671	1464	1270	1163	20	1310	1310	1230
MTRM 1400	1000	1863	1635	1395	1272	22	1450	1450	1240
MTRM 1600	1120	2081	1824	1572	1434	25	1640	1640	1205
MTRM 1800	1250	2312	2025	1790	1610	28	1830	1830	1385
MTRM 2000	1400	2595	2271	1970	1811	28	2030	1830	1350

Model	V1	W	X	X1	X2	X3	X4	X5	X6
MTRM 710	48	1633	565	500	944	835	719	690	662
MTRM 800	55	1768	641	560	1053	929	811	782	749
MTRM 900	55	2013	721	630	1180	1038	905	870	835
MTRM 1000	65	2164	814	710	1330	1171	1015	976	936
MTRM 1120	75	2334	932	800	1491	1309	1133	1084	1037
MTRM 1250	75	2630	1048	900	1671	1464	1270	1214	1163
MTRM 1400	80	2800	1145	1000	1863	1635	1395	1325	1272
MTRM 1600	90	2965	1276	1120	2081	1824	1572	1500	1434
MTRM 1800	100	3335	1471	1250	2312	2025	1790	1710	1610
MTRM 2000	100	3500	1635	1400	2595	2271	1970	1890	1811

Model	X7	Y	a	a1	a2	b	b1	b2	d
MTRM 710	497	180	569	629	669	404	464	504	505

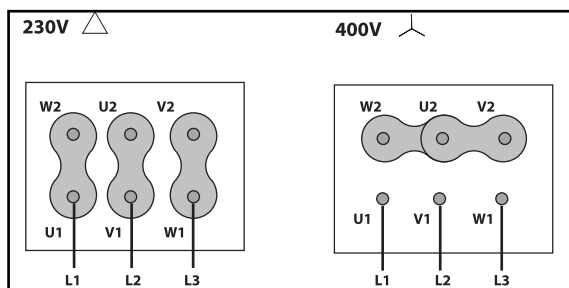
Model	X7	Y	a	a1	a2	b	b1	b2	d
MTRM 800	562	180	638	698	738	453	513	553	565
MTRM 900	633	180	715	775	815	507	567	607	635
MTRM 1000	718	200	801	871	921	569	639	689	715
MTRM 1120	793	220	898	968	1018	638	708	758	805
MTRM 1250	898	220	1007	1077	1127	715	785	835	905
MTRM 1400	990	220	1130	1210	1270	801	881	941	1007
MTRM 1600	1085	220	1276	1347	1407	898	978	1038	1130
MTRM 1800	1300	250	1421	1501	1561	1007	1087	1147	1260
MTRM 2000	1455	250	1593	1683	1753	1130	1220	1290	1420

Model	d1	d2	n1xp	n2xp	Ø3	Ø4
MTRM 710	551	585	2x160	3x160	19	20
MTRM 800	629	665	2x160	3x160	19	20
MTRM 900	698	735	2x160	4x160	19	20
MTRM 1000	775	815	2x200	3x200	19	20
MTRM 1120	861	905	3x200	4x200	24	25
MTRM 1250	958	1005	3x200	4x200	24	25
MTRM 1400	1067	1107	3x200	5x200	24	25
MTRM 1600	1200	1250	4x200	6x200	28	30
MTRM 1800	1337	1380	4x200	6x200	28	30
MTRM 2000	1491	1540	5x200	7x200	28	30

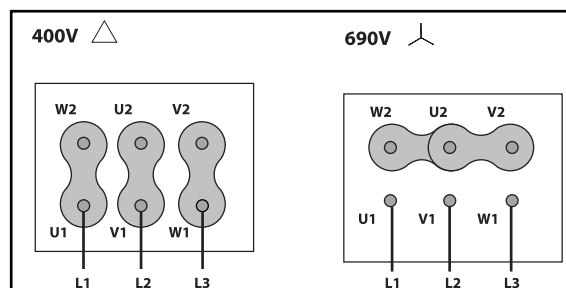
Wiring diagram

Wiring diagram Nº 1

230/400V



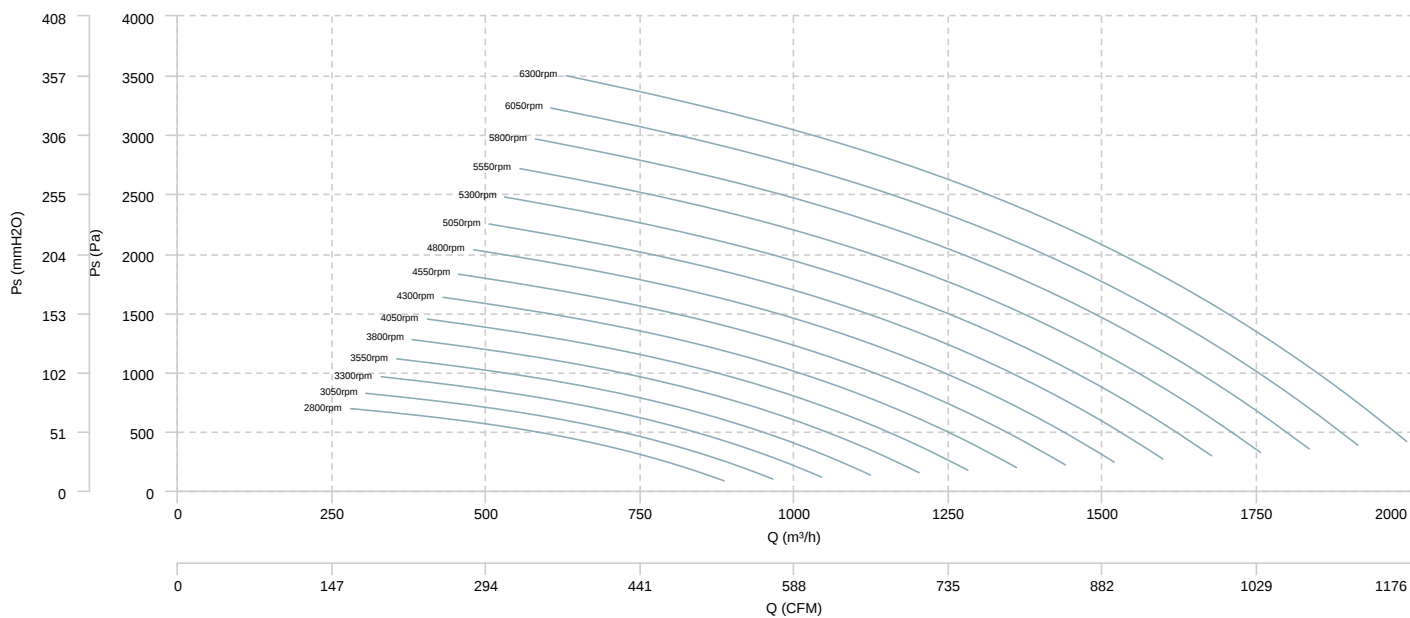
400/690V



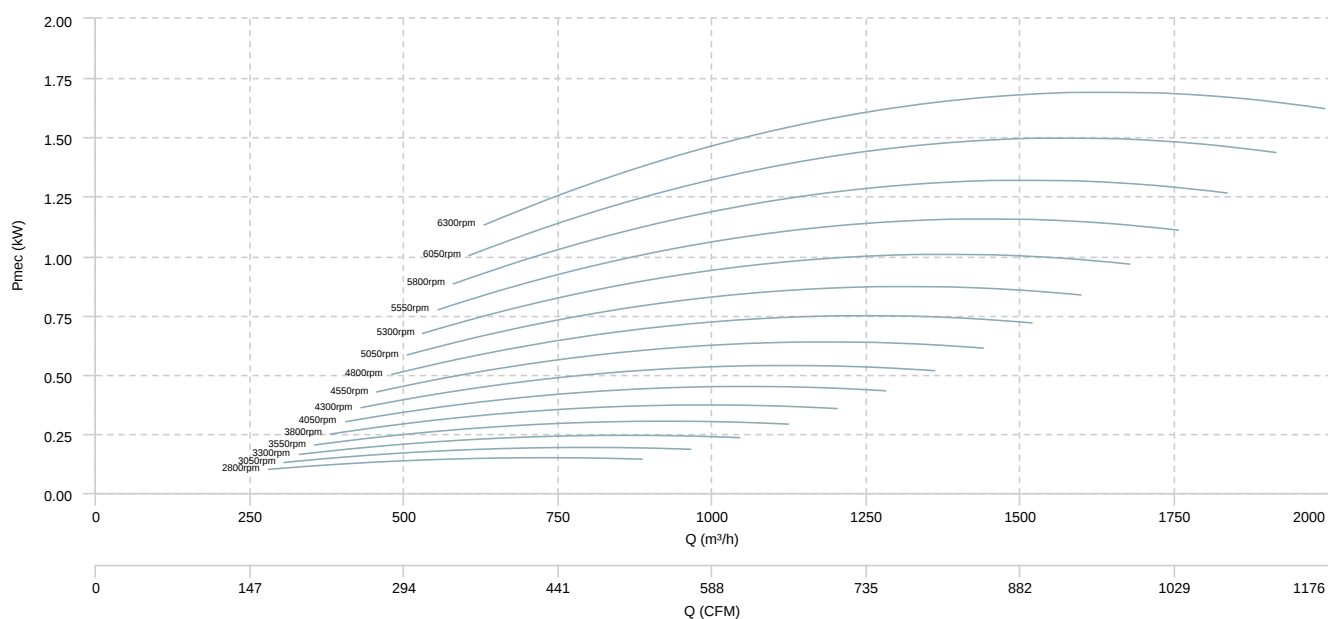
CHARACTERISTIC CURVE

MTRM 220

AIR FLOW - PRESSURE

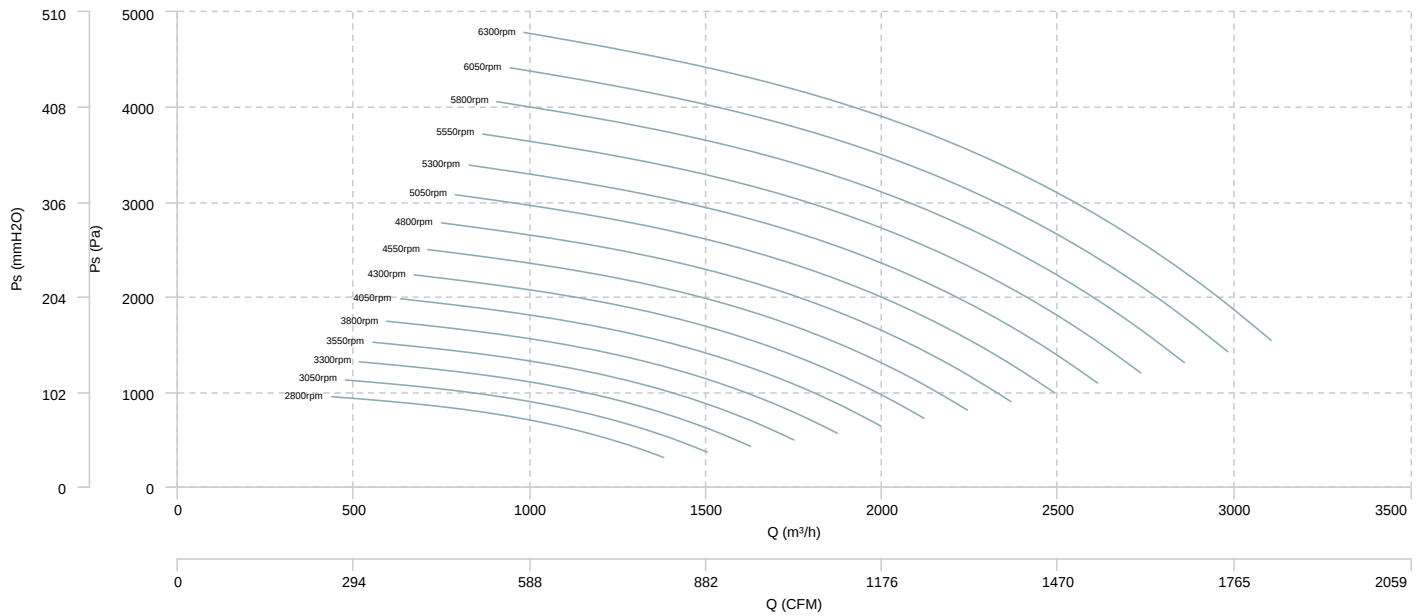


AIR FLOW - MECHANICAL POWER

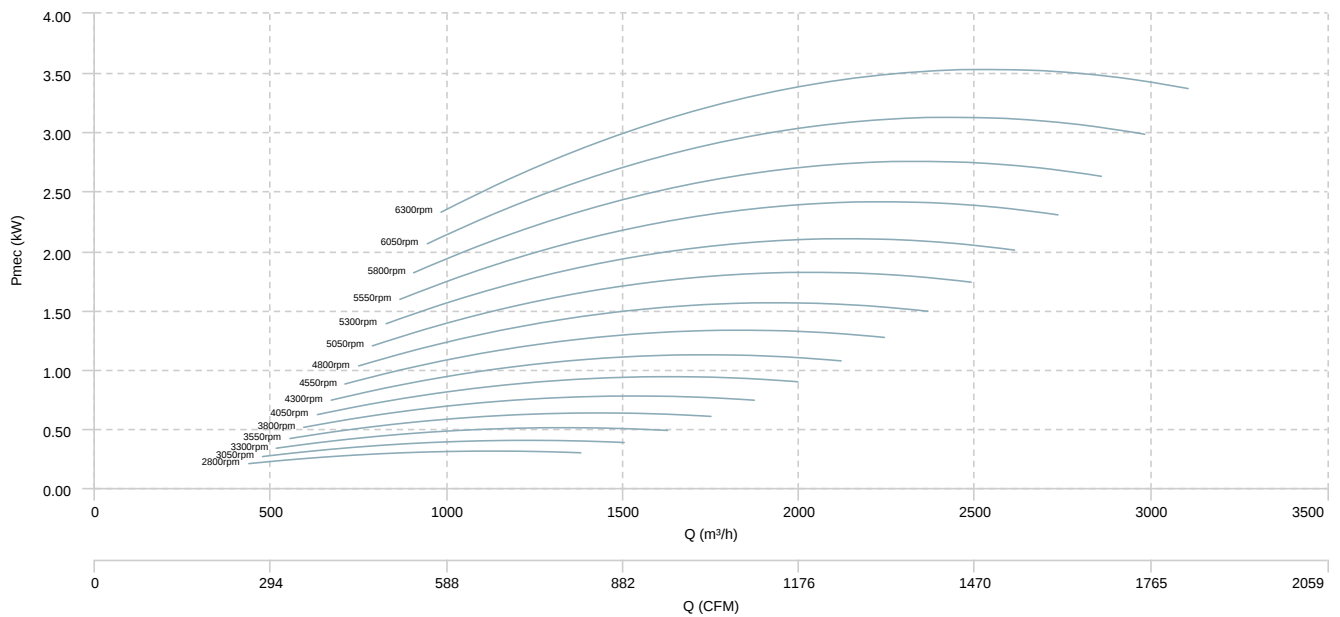


MTRM 250

AIR FLOW - PRESSURE

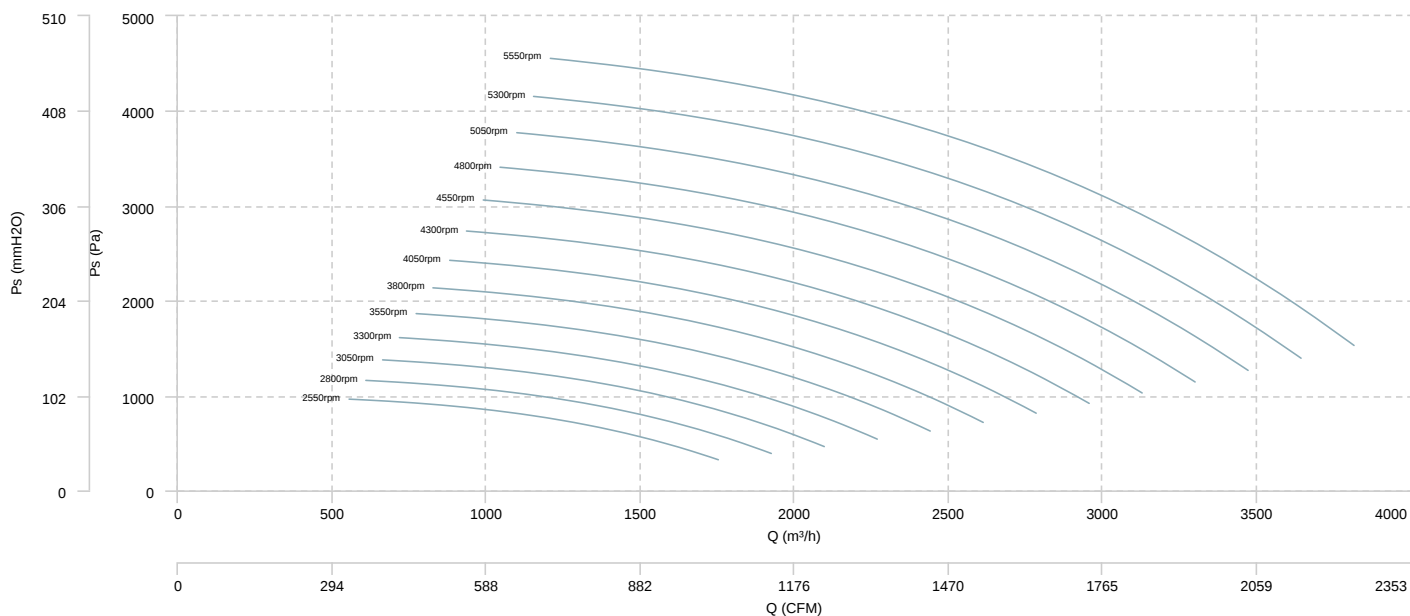


AIR FLOW - MECHANICAL POWER

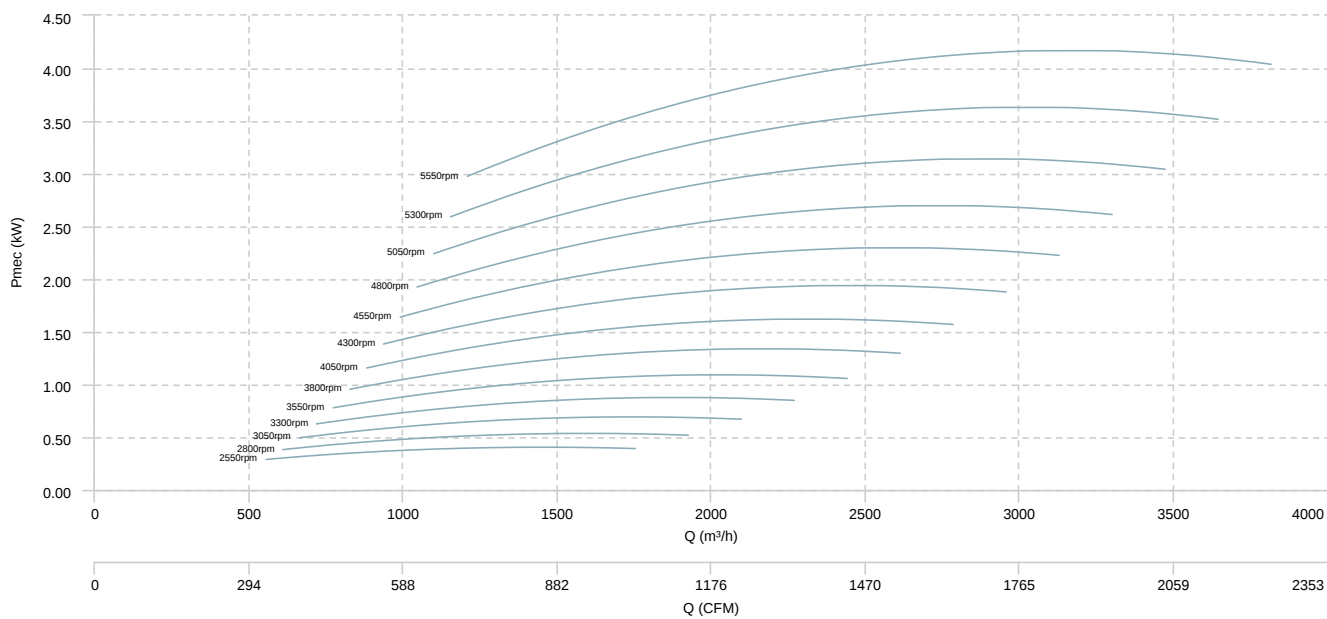


MTRM 280

AIR FLOW - PRESSURE

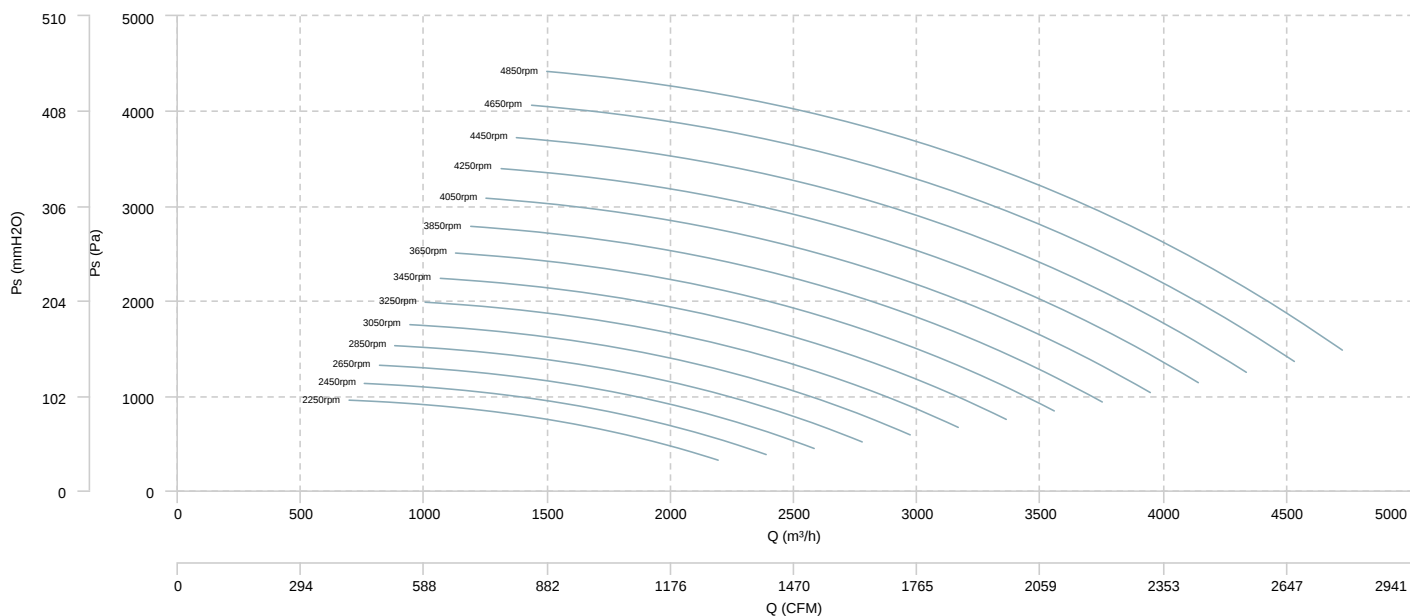


AIR FLOW - MECHANICAL POWER

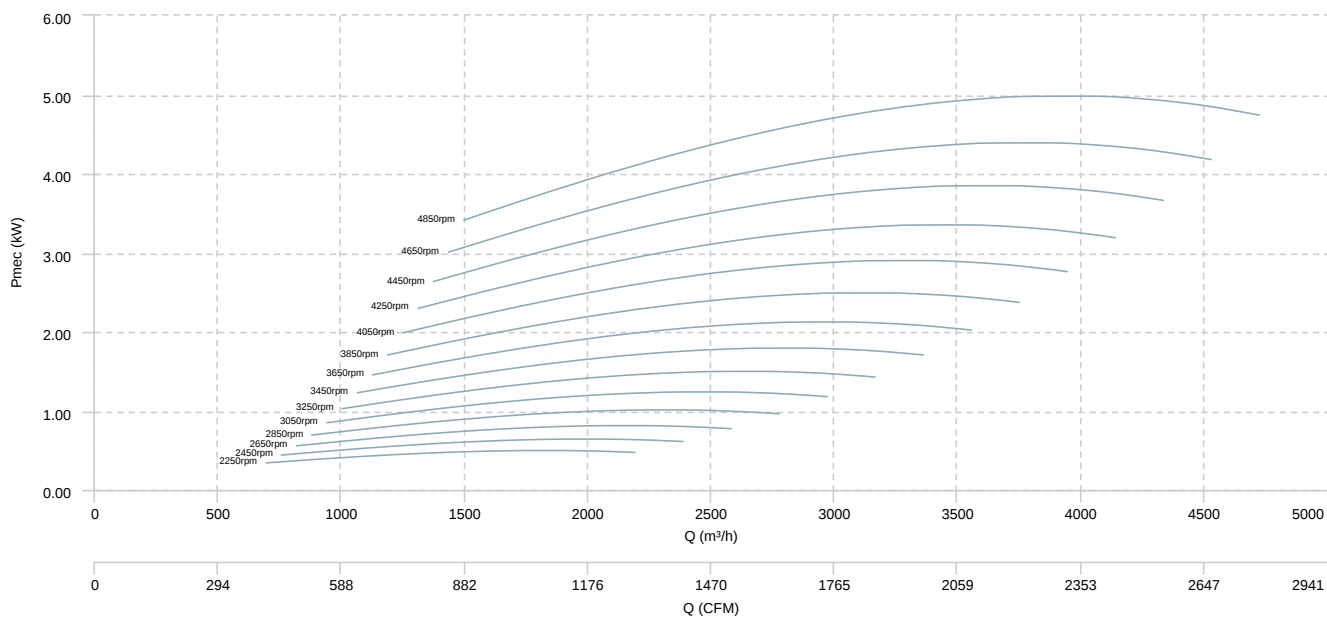


MTRM 310

AIR FLOW - PRESSURE

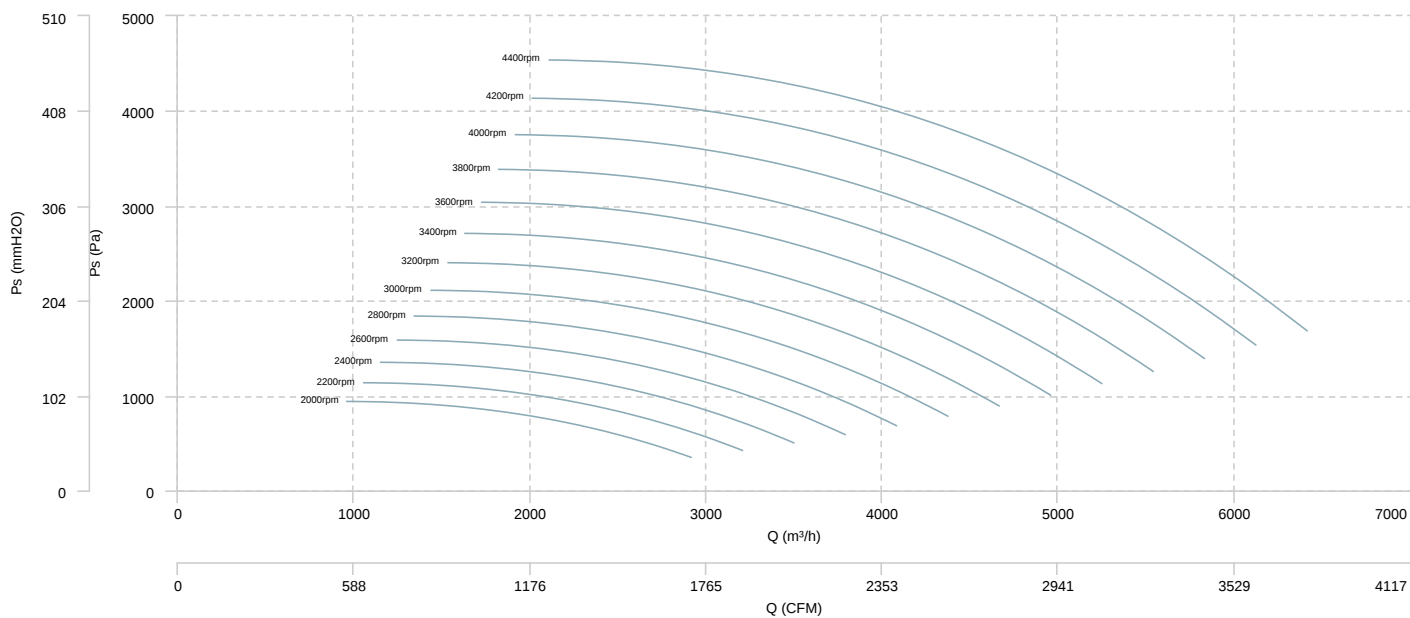


AIR FLOW - MECHANICAL POWER

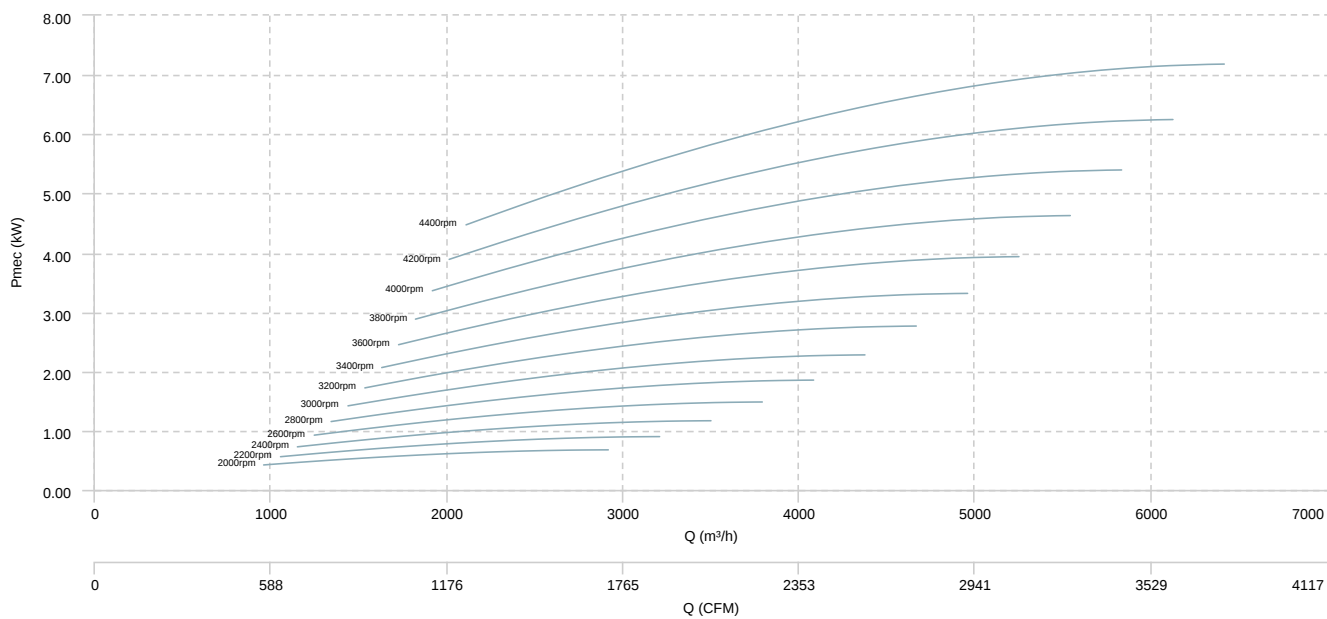


MTRM 350

AIR FLOW - PRESSURE

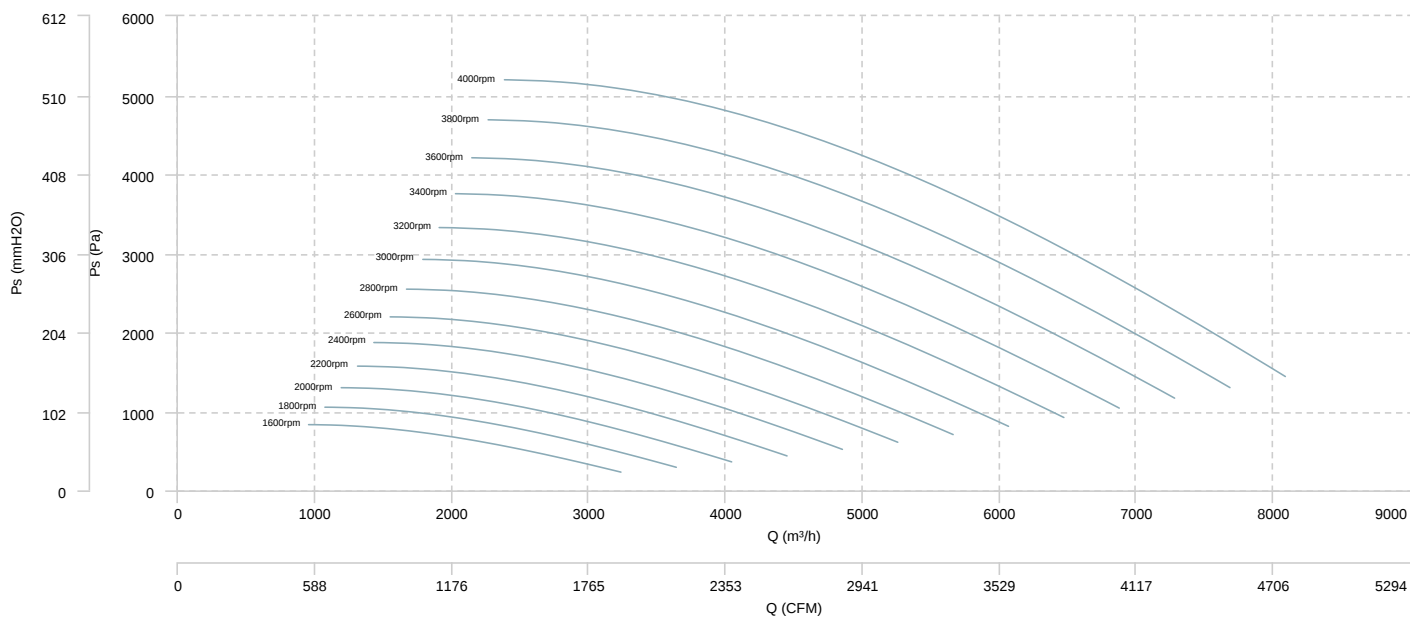


AIR FLOW - MECHANICAL POWER

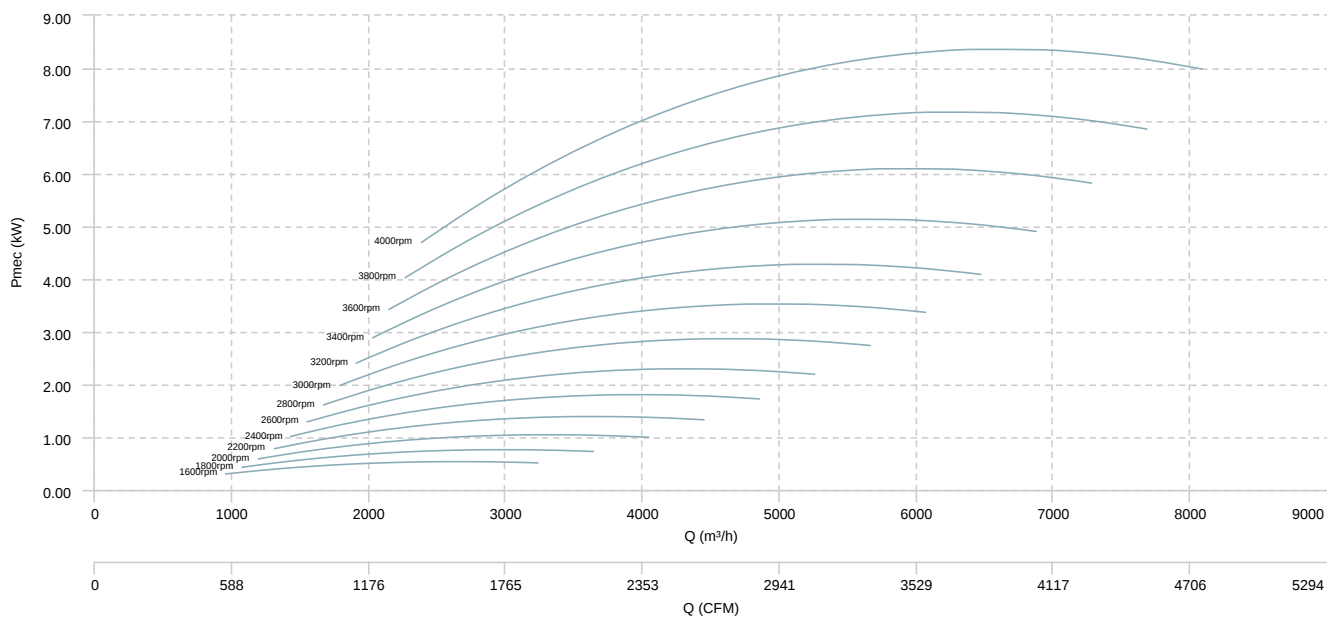


MTRM 400

AIR FLOW - PRESSURE

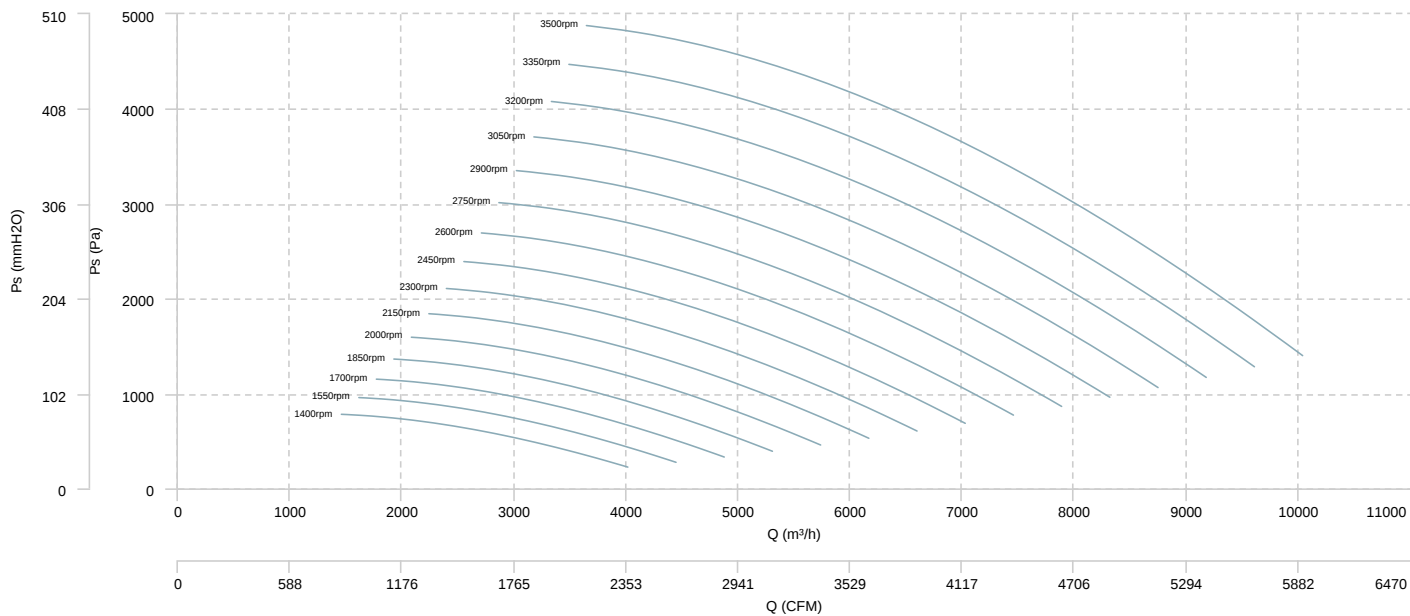


AIR FLOW - MECHANICAL POWER

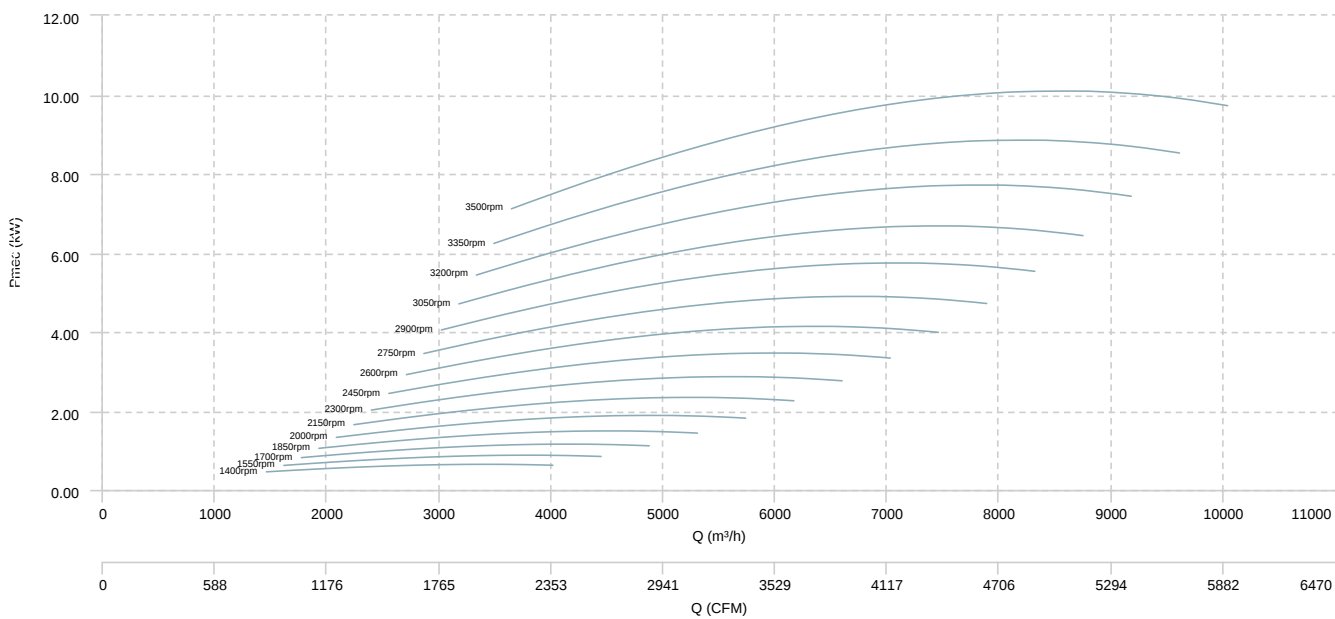


MTRM 450

AIR FLOW - PRESSURE

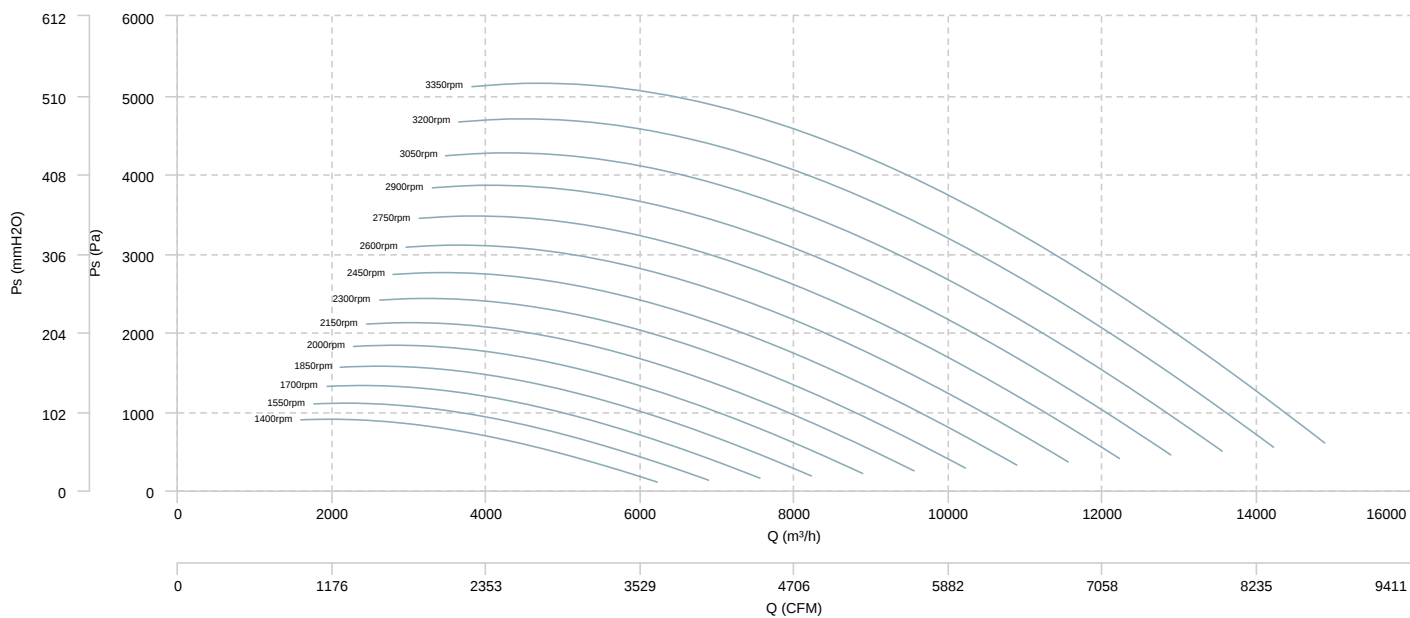


AIR FLOW - MECHANICAL POWER

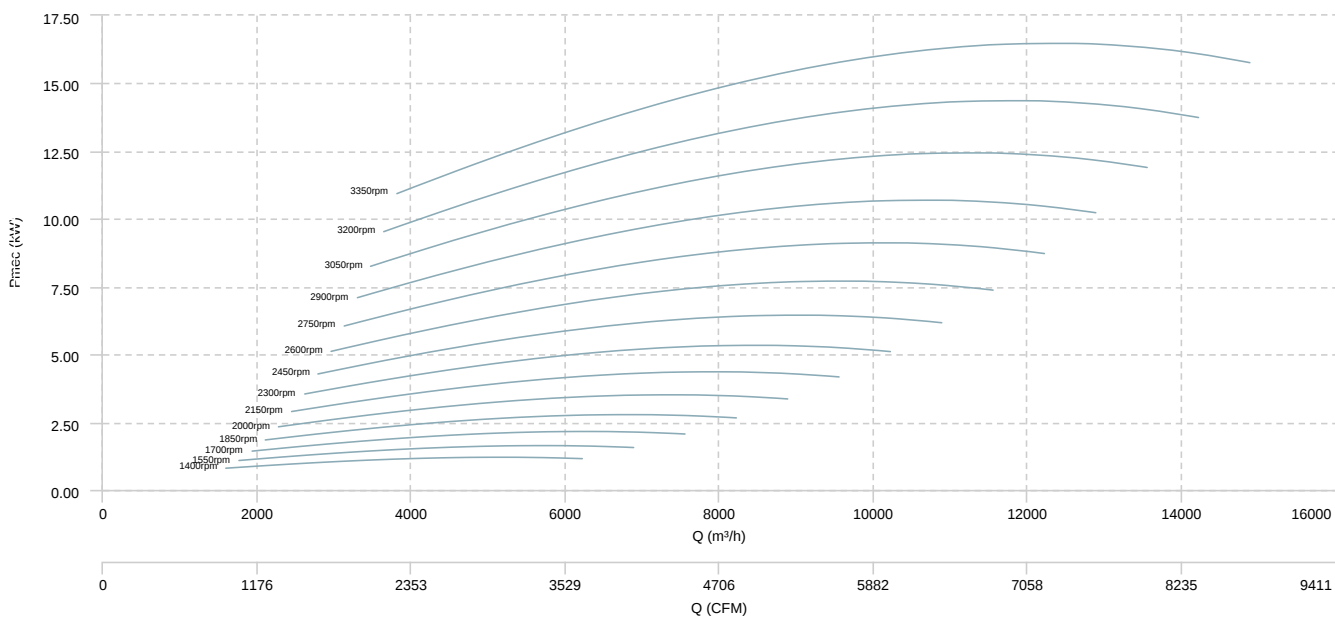


MTRM 500

AIR FLOW - PRESSURE

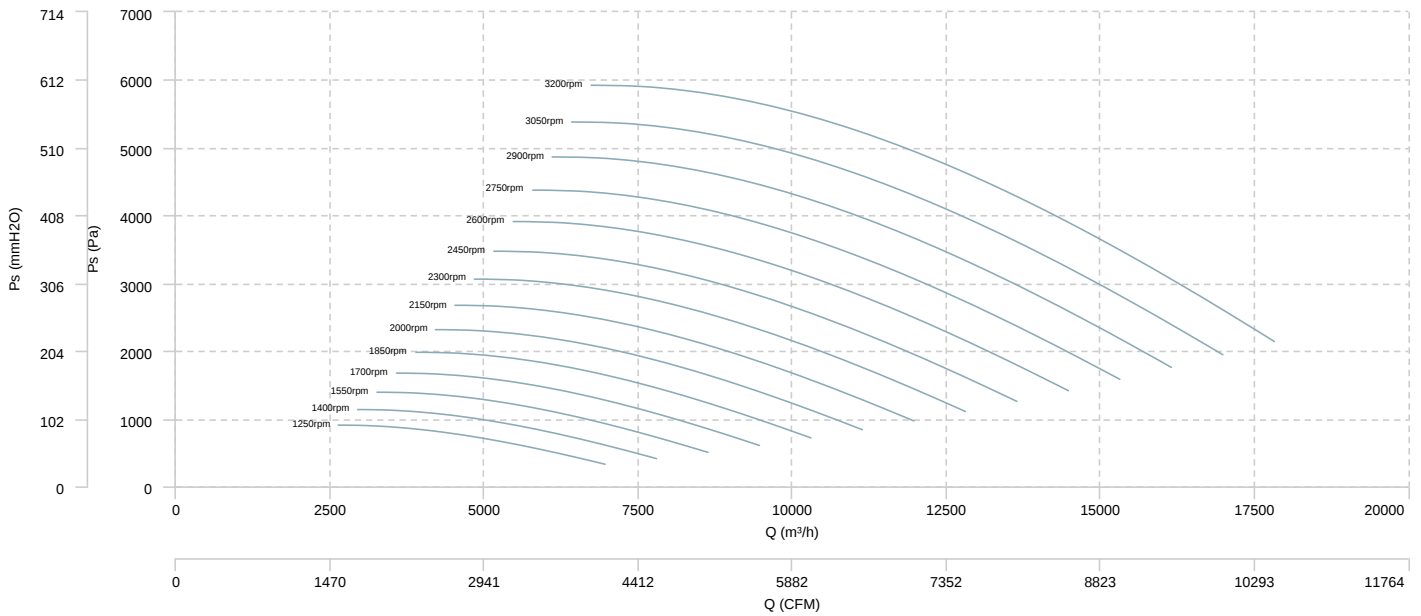


AIR FLOW - MECHANICAL POWER

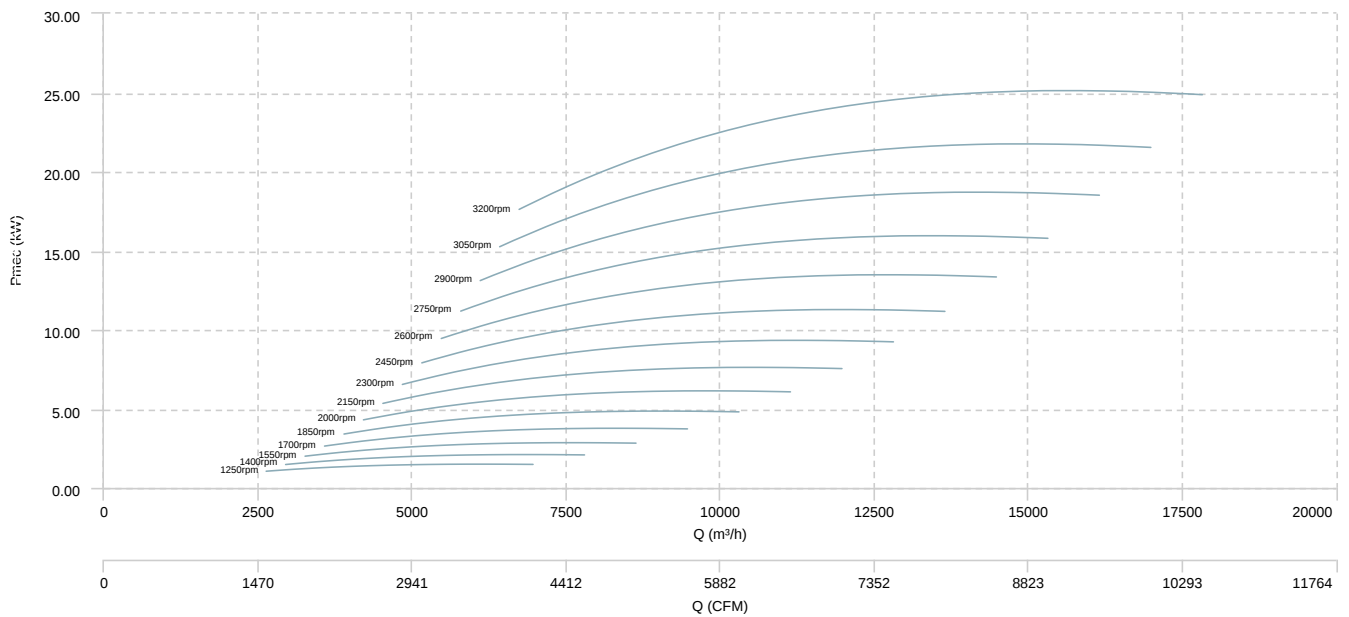


MTRM 560

AIR FLOW - PRESSURE

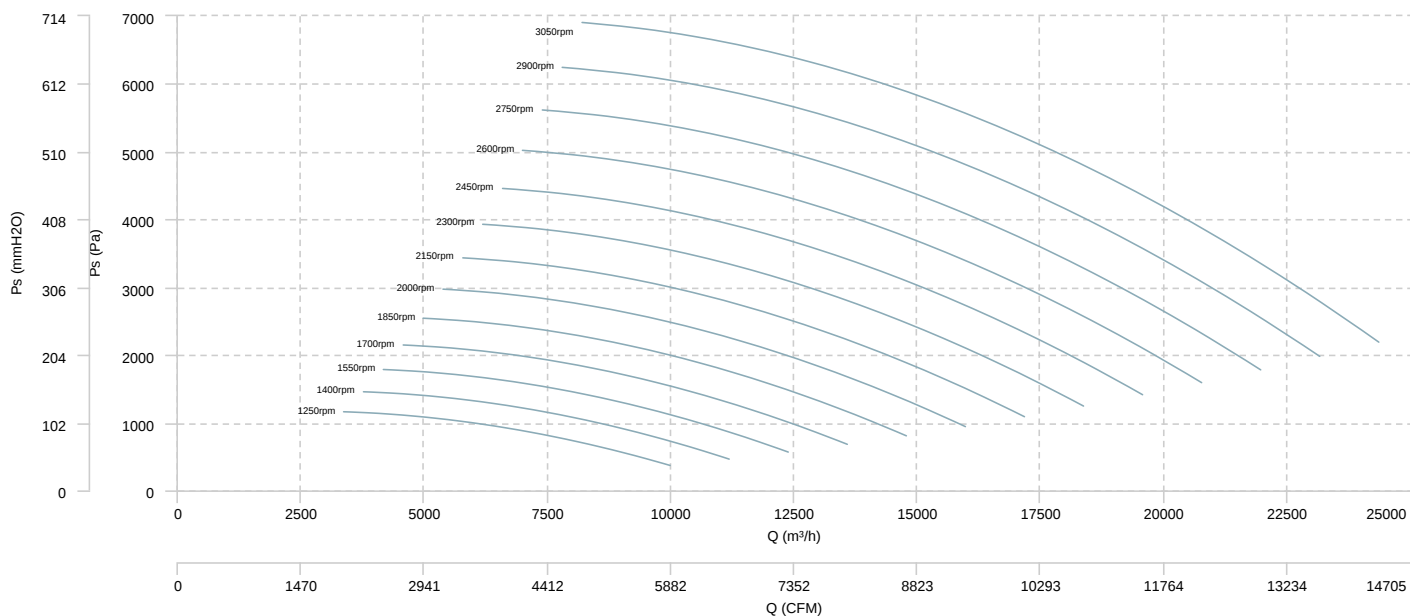


AIR FLOW - MECHANICAL POWER

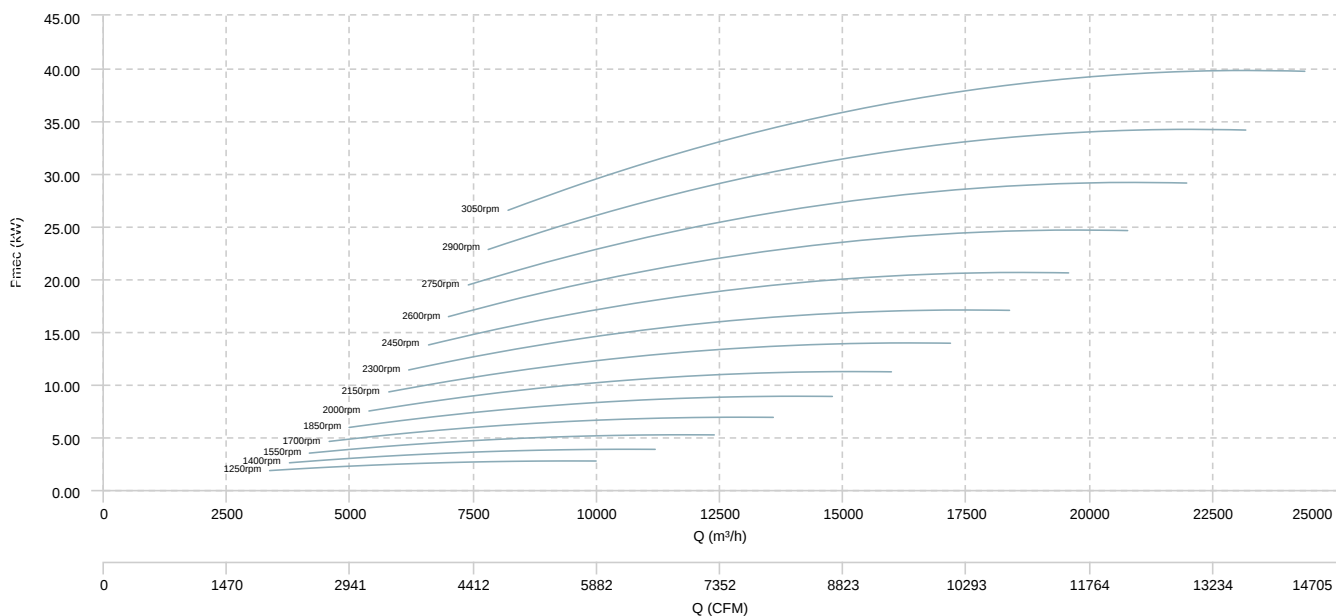


MTRM 630

AIR FLOW - PRESSURE

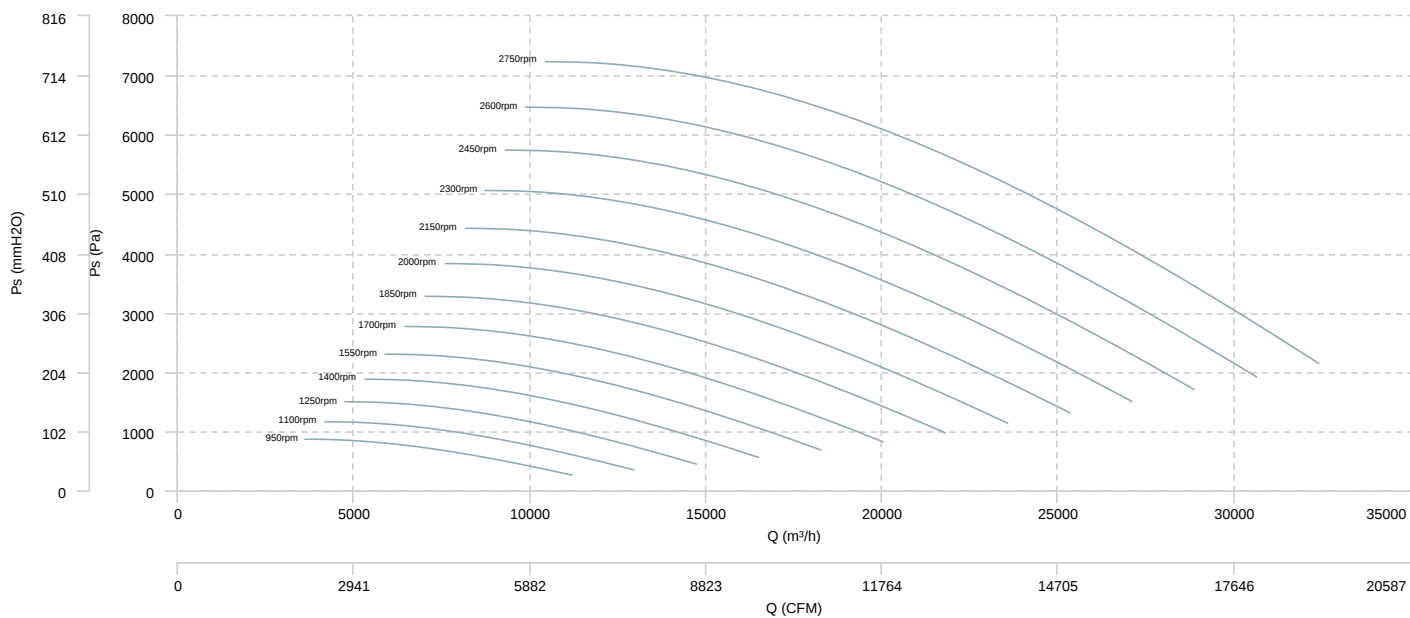


AIR FLOW - MECHANICAL POWER

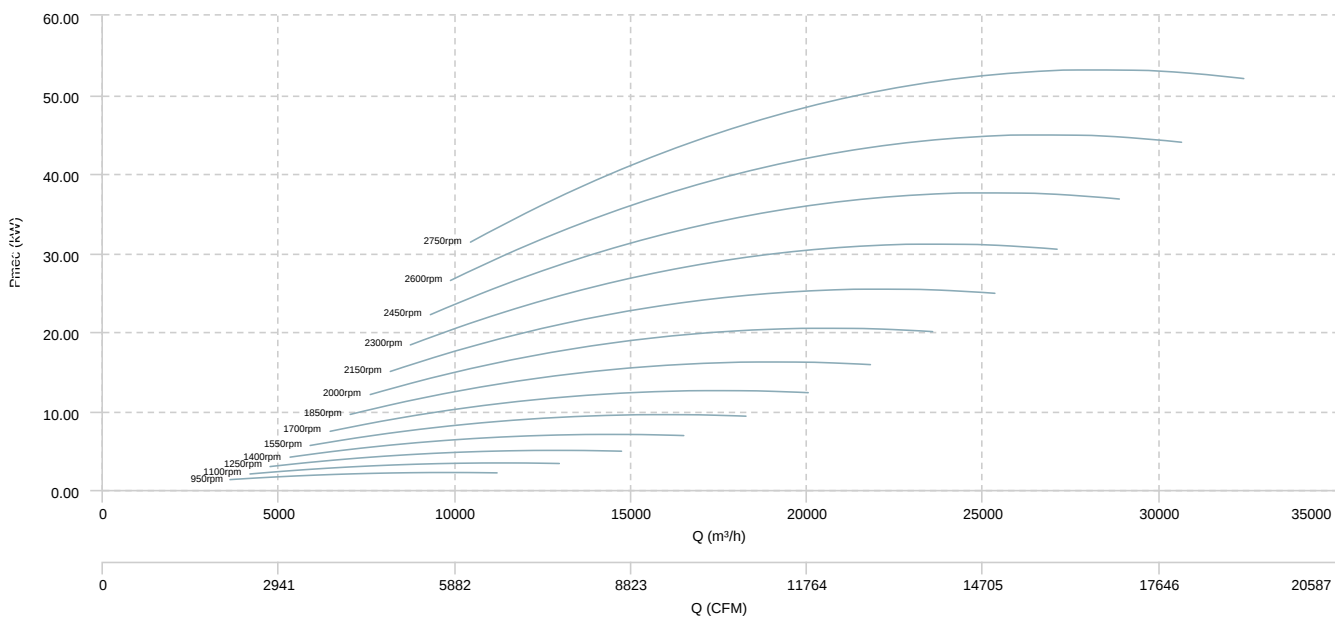


MTRM 710

AIR FLOW - PRESSURE

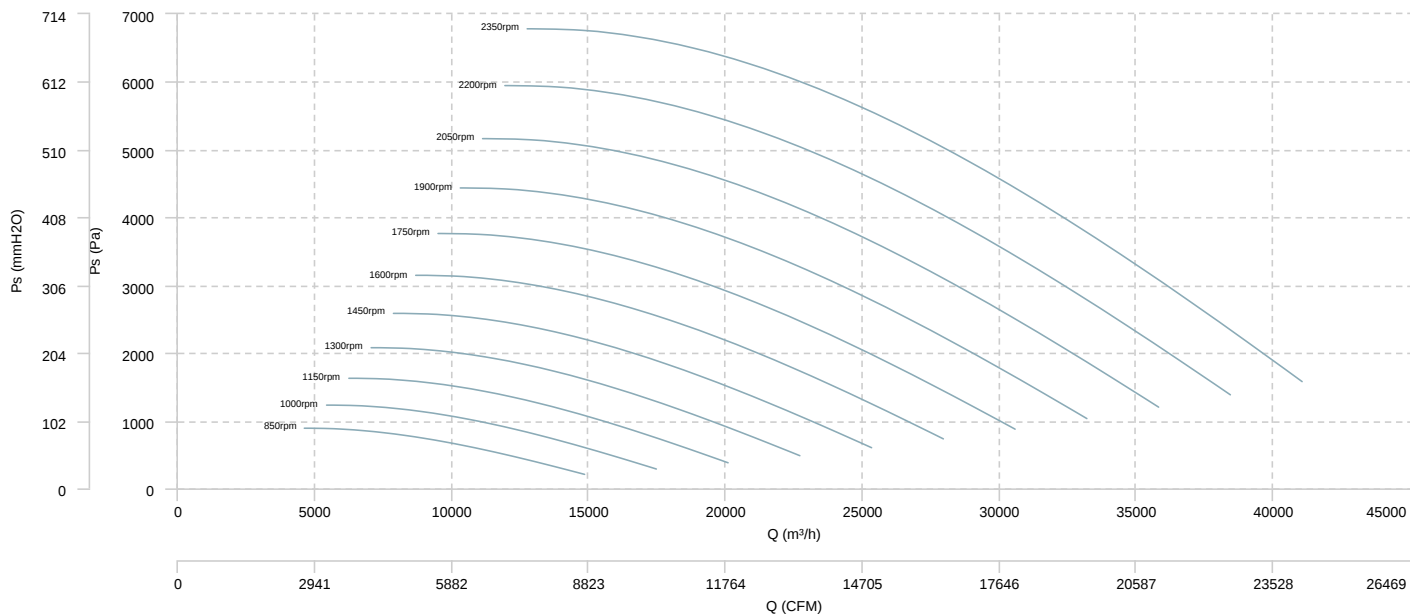


AIR FLOW - MECHANICAL POWER

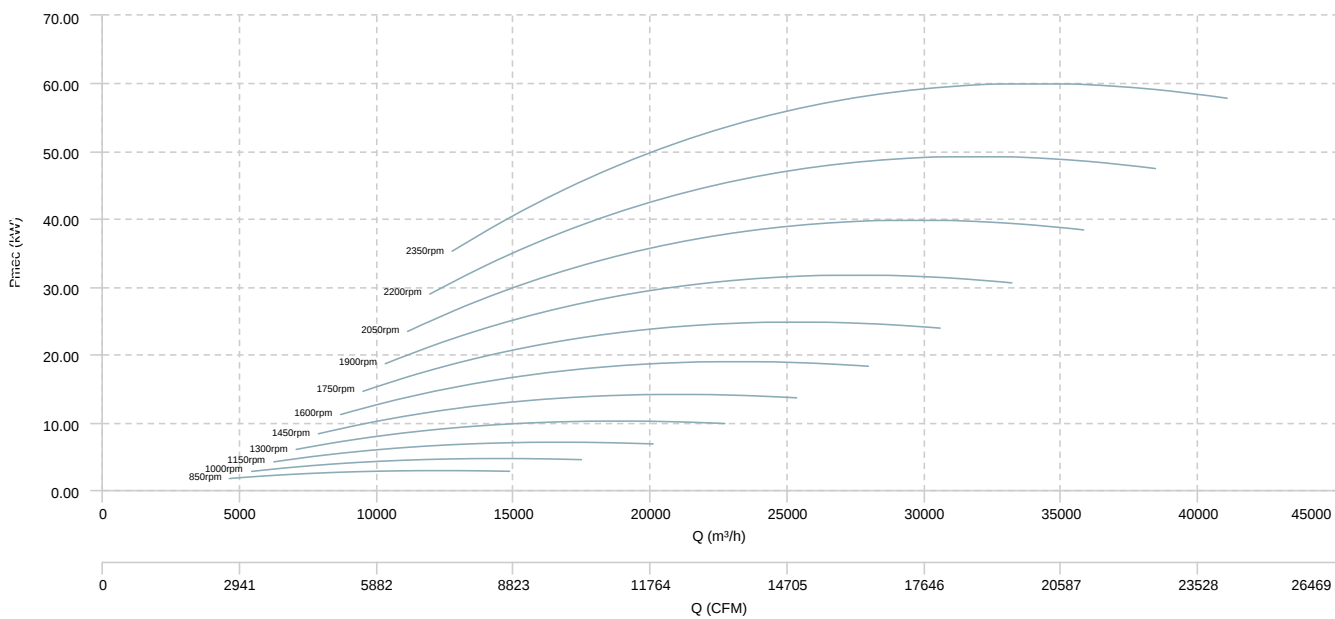


MTRM 800

AIR FLOW - PRESSURE

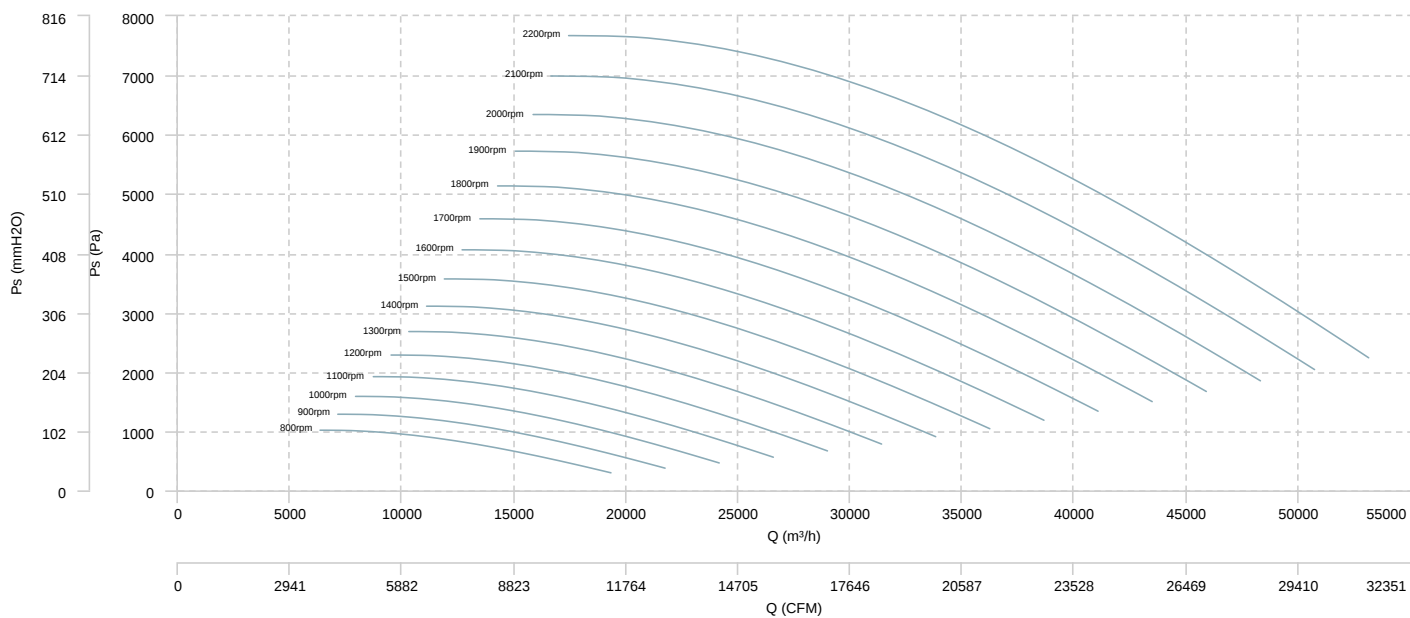


AIR FLOW - MECHANICAL POWER

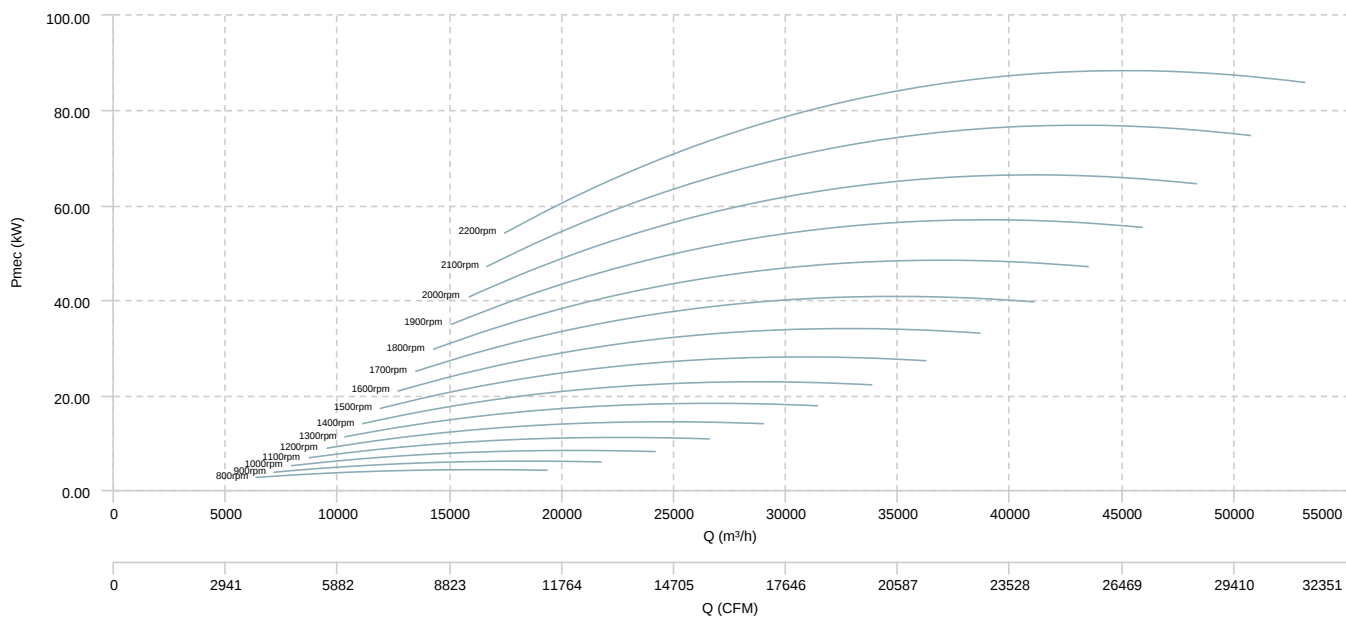


MTRM 900

AIR FLOW - PRESSURE

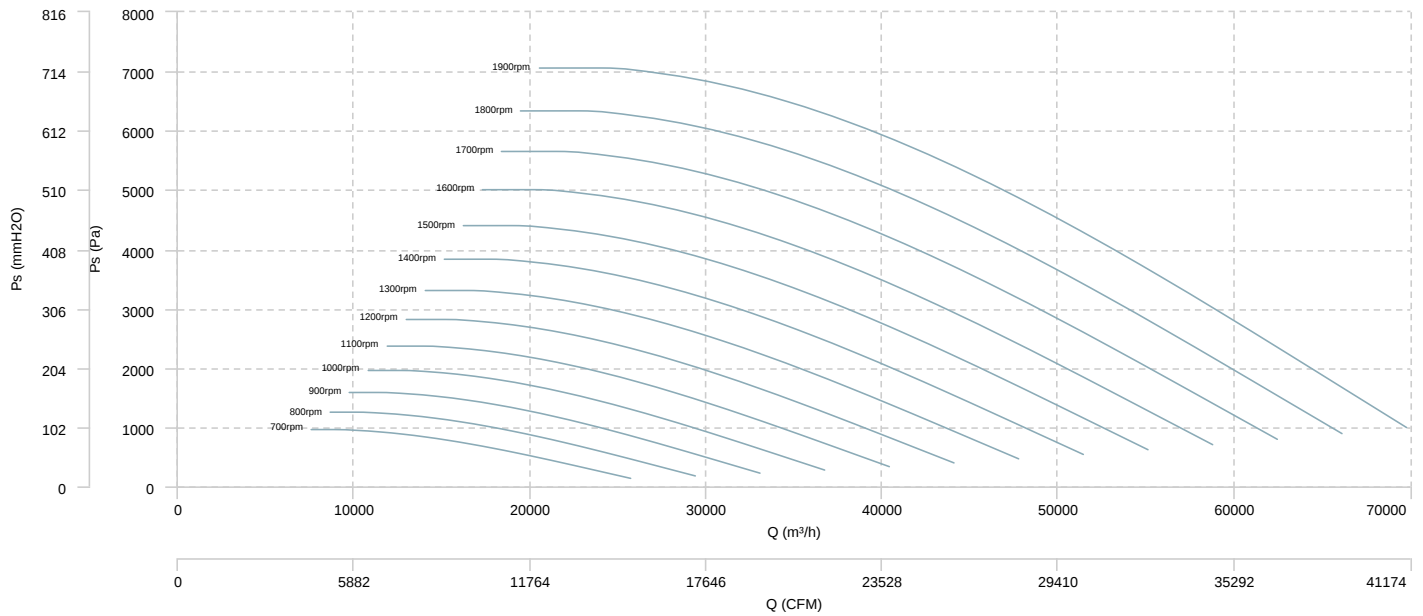


AIR FLOW - MECHANICAL POWER

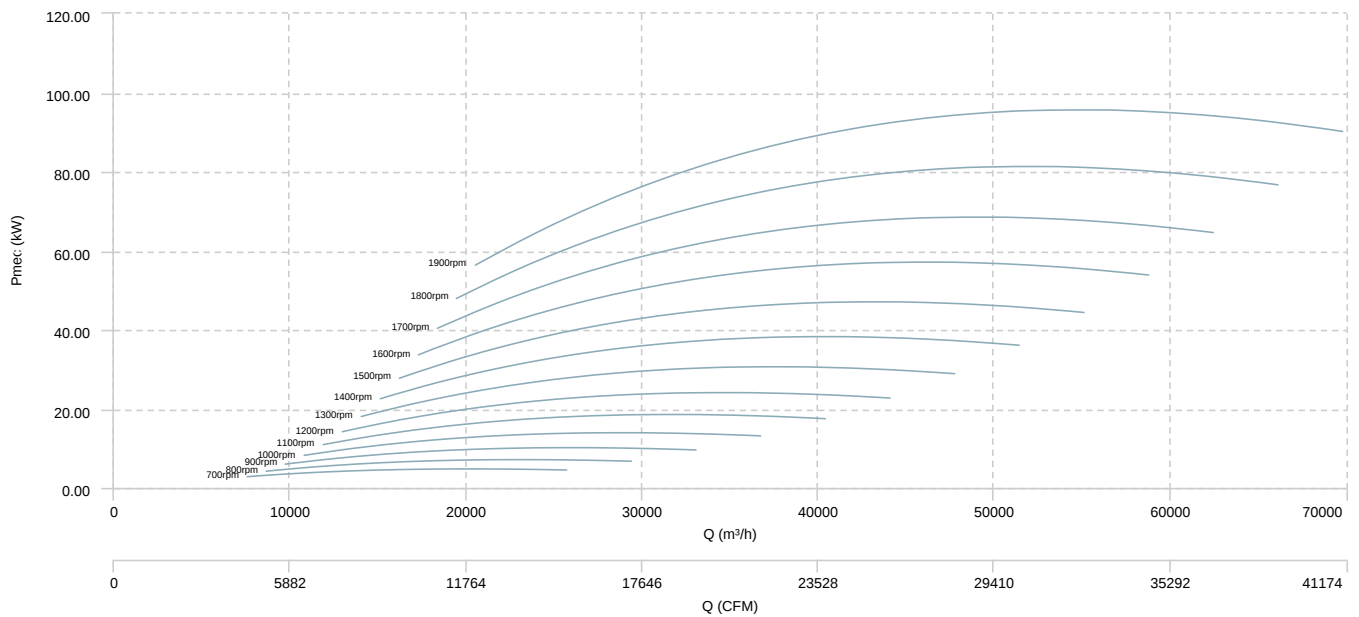


MTRM 1000

AIR FLOW - PRESSURE

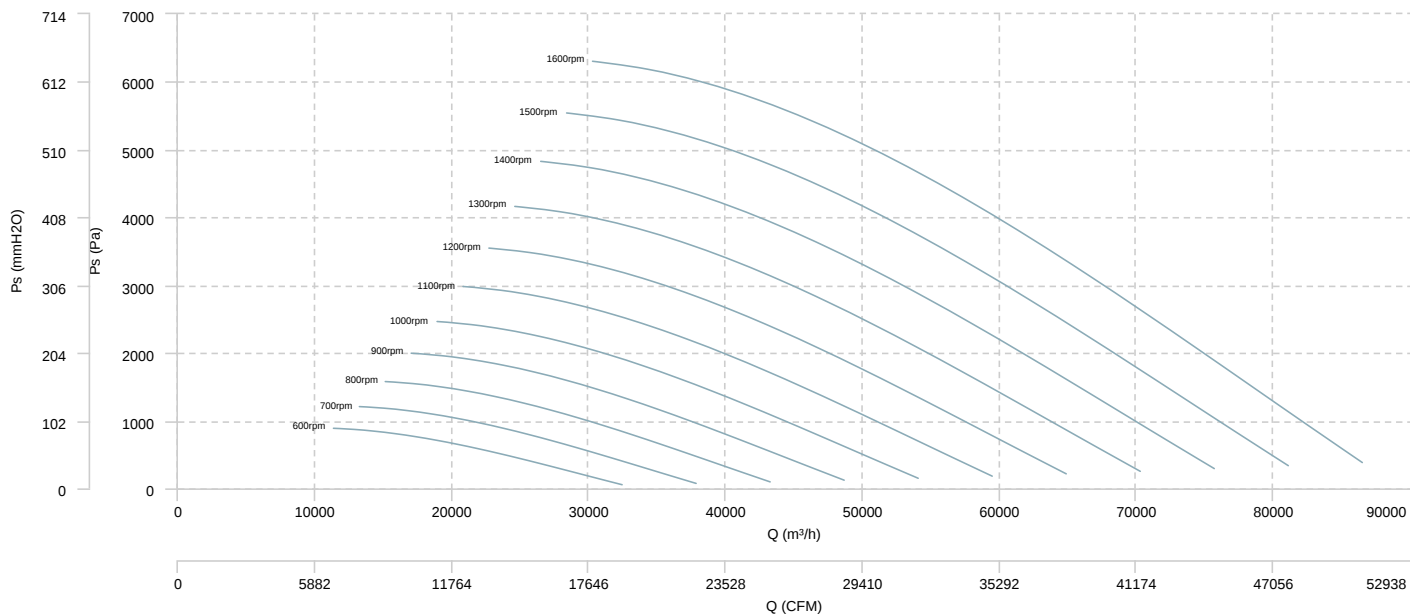


AIR FLOW - MECHANICAL POWER

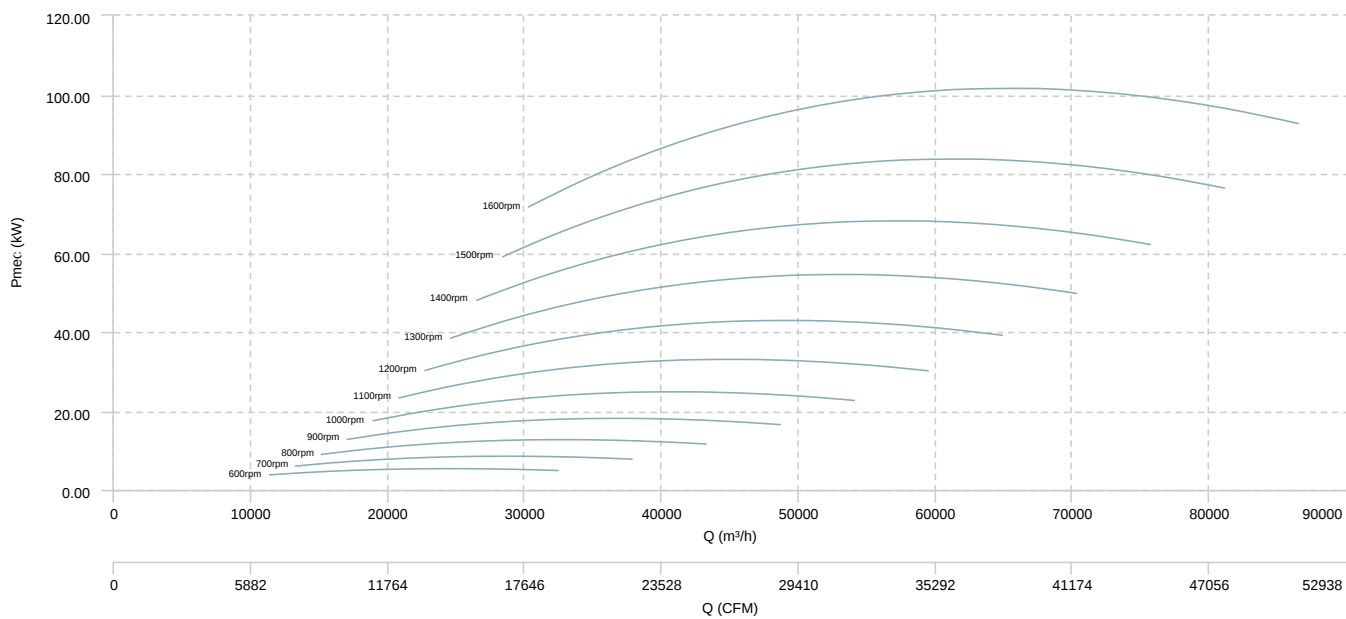


MTRM 1120

AIR FLOW - PRESSURE

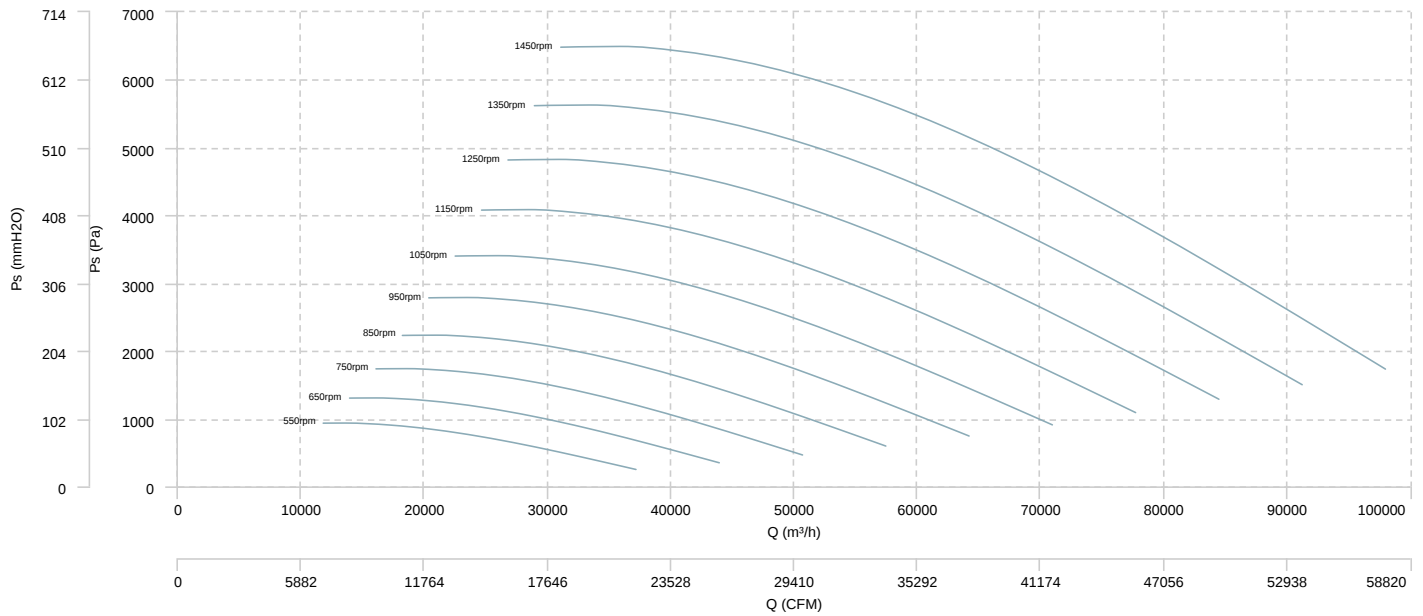


AIR FLOW - MECHANICAL POWER

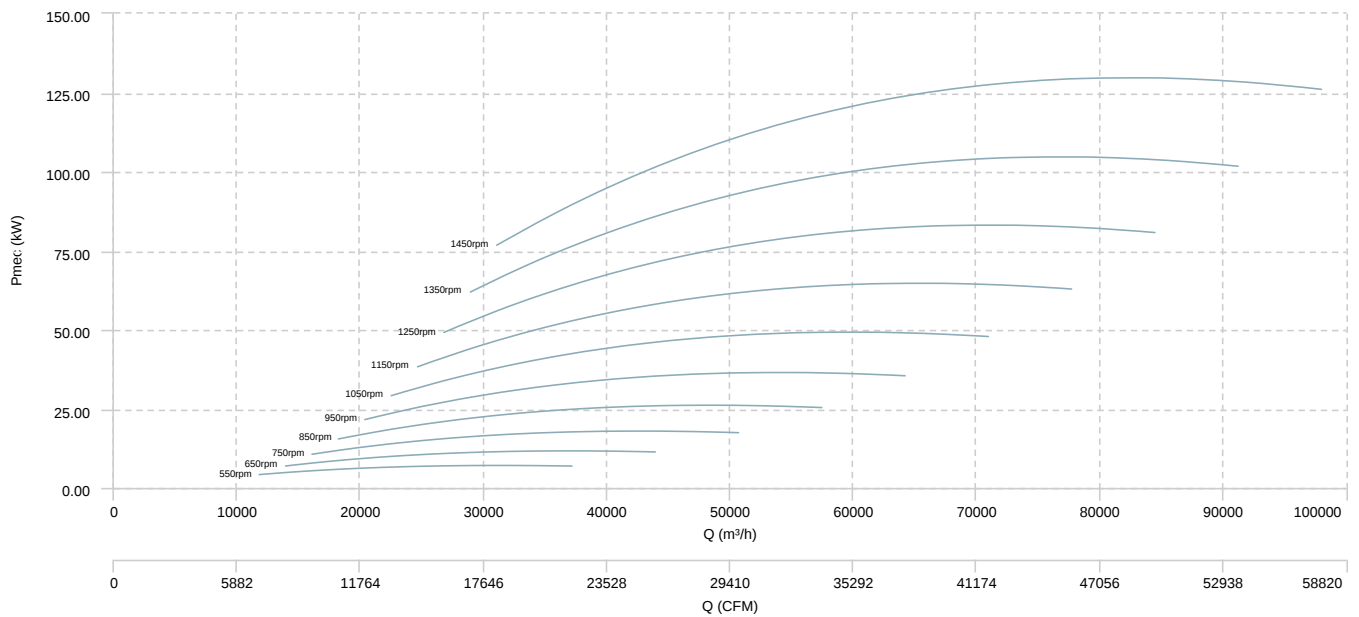


MTRM 1250

AIR FLOW - PRESSURE

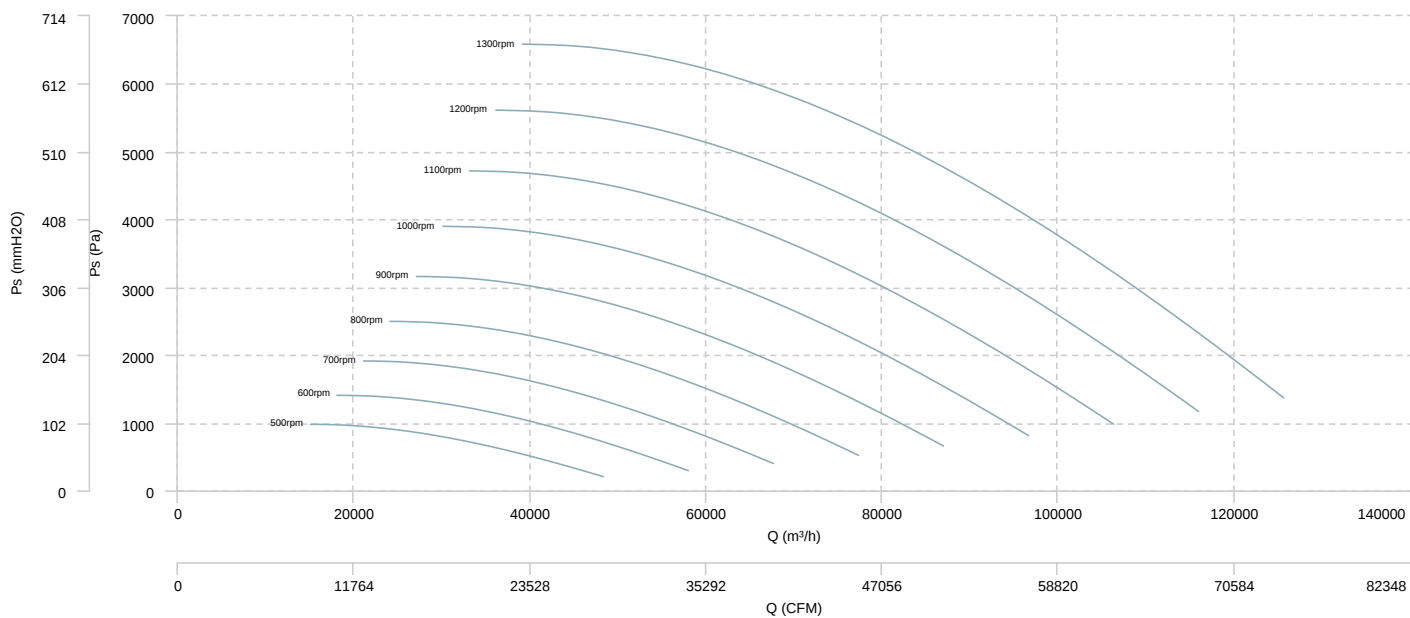


AIR FLOW - MECHANICAL POWER

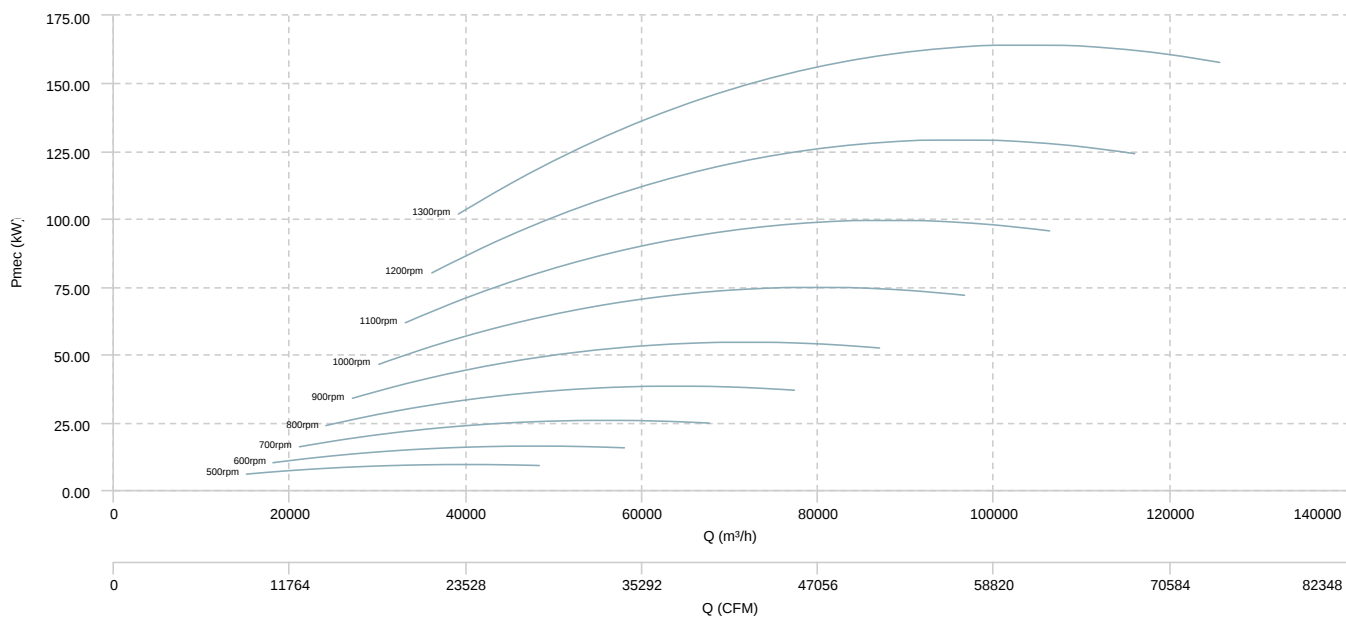


MTRM 1400

AIR FLOW - PRESSURE

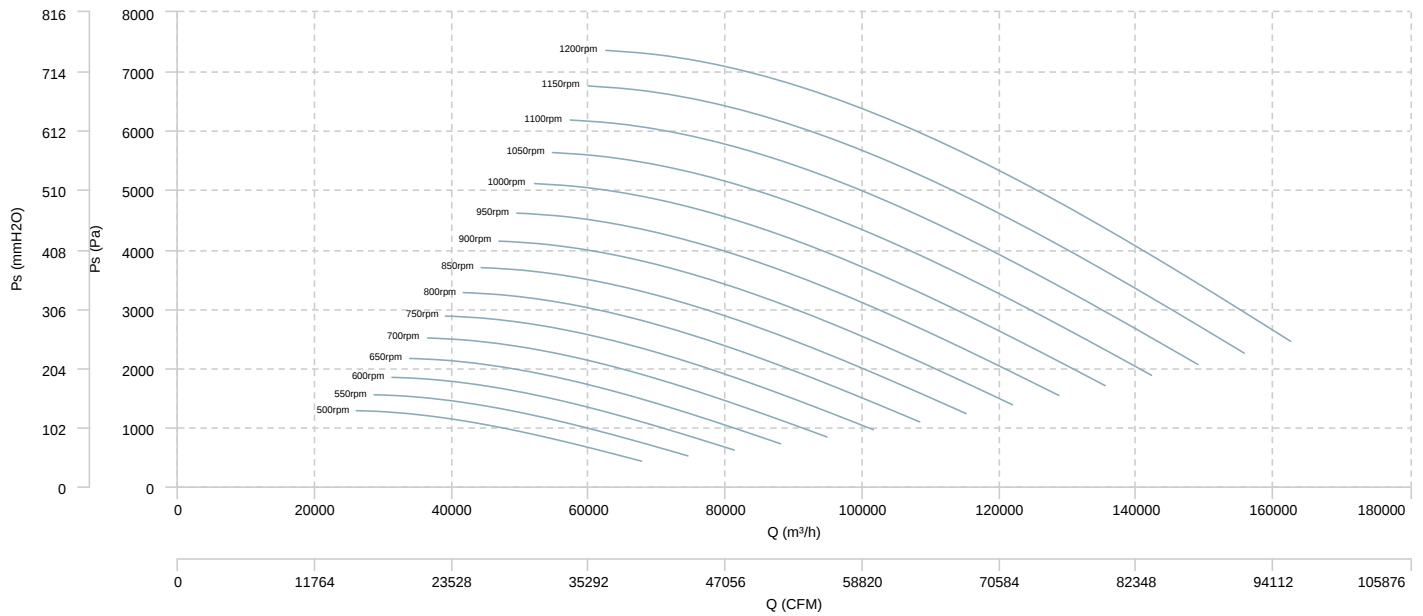


AIR FLOW - MECHANICAL POWER

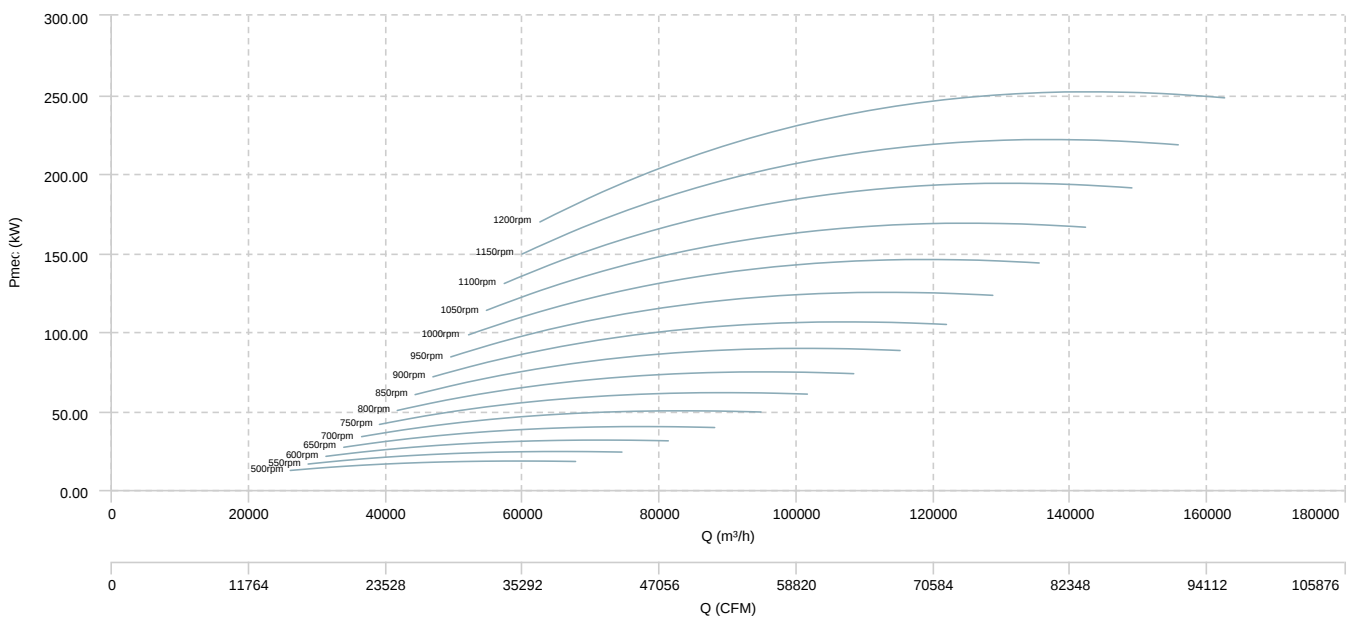


MTRM 1600

AIR FLOW - PRESSURE

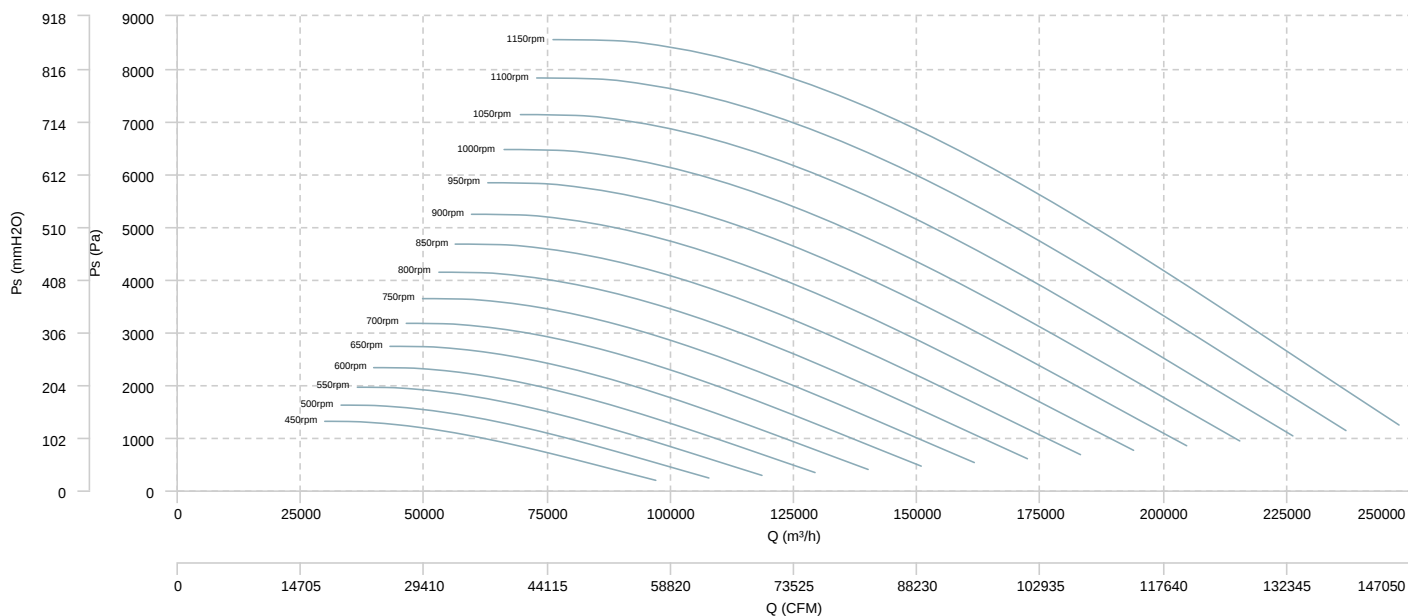


AIR FLOW - MECHANICAL POWER

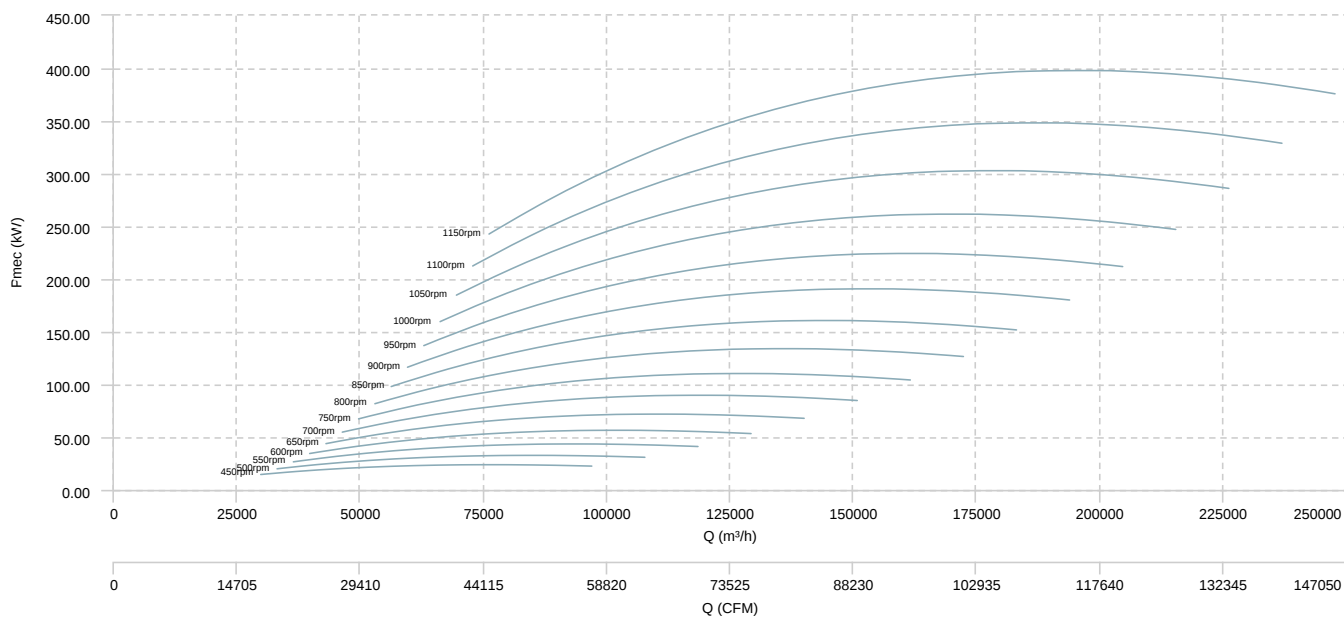


MTRM 1800

AIR FLOW - PRESSURE

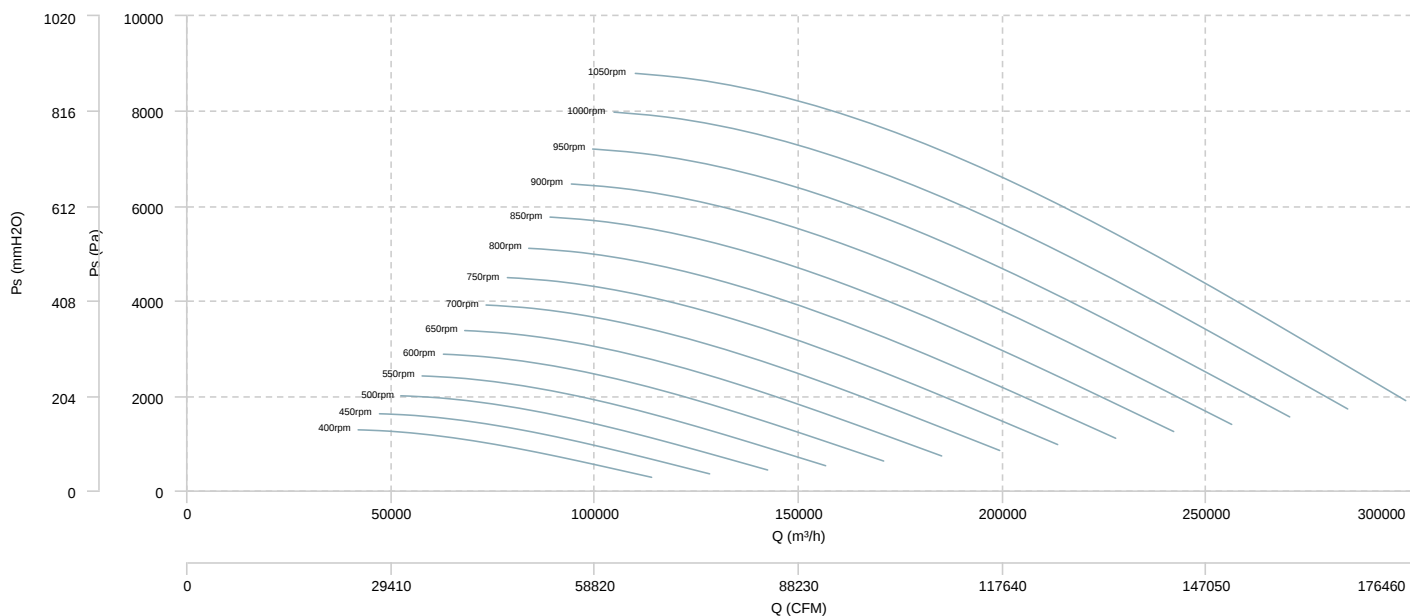


AIR FLOW - MECHANICAL POWER

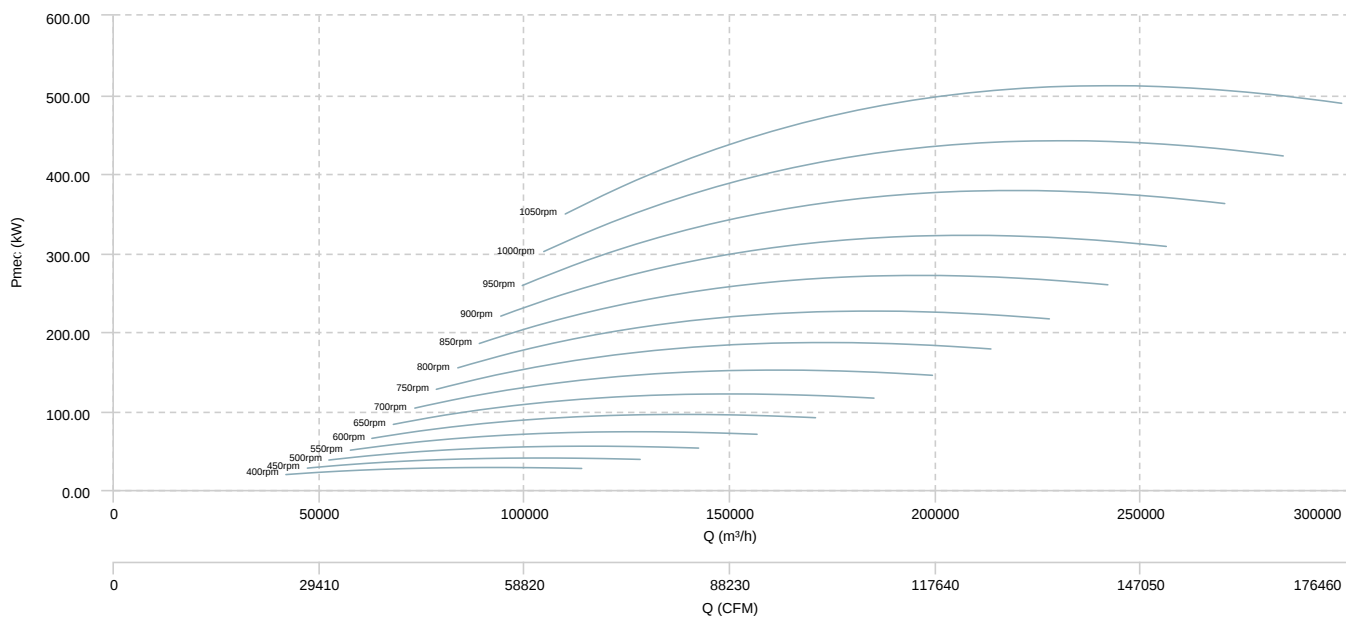


MTRM 2000

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER



Sound data

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
MTRM 220 (2800rpm)	Inlet	65	80	87	88	91	89	79	69	96
	Outlet	65	80	87	88	91	89	79	69	96
	Radiated	50	62	68	72	73	69	62	52	78
MTRM 250 (2800rpm)	Inlet	69	84	91	92	95	92	83	73	99
	Outlet	69	84	91	92	95	92	83	73	99
	Radiated	54	66	79	76	77	72	66	56	81
MTRM 280 (2550rpm)	Inlet	71	86	94	95	98	95	86	76	102
	Outlet	71	86	94	95	98	95	86	76	102
	Radiated	56	68	75	79	80	75	69	59	84
MTRM 310 (2250rpm)	Inlet	69	84	91	92	95	93	83	73	99
	Outlet	69	84	91	92	95	93	83	73	99
	Radiated	54	66	72	76	77	73	66	56	81
MTRM 350 (2000rpm)	Inlet	87	102	109	110	113	110	101	91	117
	Outlet	87	102	109	110	113	110	101	91	117
	Radiated	72	84	90	94	95	90	84	74	99
MTRM 400 (1600rpm)	Inlet	62	77	85	86	89	86	77	67	93
	Outlet	62	77	85	86	89	86	77	67	93
	Radiated	47	59	66	70	71	66	60	50	75
MTRM 450 (1400rpm)	Inlet	57	72	80	81	84	81	72	62	88
	Outlet	57	72	80	81	84	81	72	62	88
	Radiated	42	54	61	65	66	61	55	45	70
MTRM 500 (1400rpm)	Inlet	63	78	86	87	90	87	78	68	94
	Outlet	63	78	86	87	90	87	78	68	94
	Radiated	48	60	67	71	72	67	61	51	76
MTRM 560 (1250rpm)	Inlet	63	78	85	86	89	87	77	67	93
	Outlet	63	78	85	86	89	87	77	67	93
	Radiated	48	60	66	70	71	67	60	50	76
MTRM 630 (1250rpm)	Inlet	82	97	104	106	108	106	96	87	113
	Outlet	82	97	104	106	108	106	96	87	113
	Radiated	67	79	85	90	90	86	79	70	95
MTRM 710 (950rpm)	Inlet	80	95	102	103	106	103	94	84	110
	Outlet	80	95	102	103	106	103	94	84	110
	Radiated	65	77	83	87	88	83	77	67	92
MTRM 800 (850rpm)	Inlet	78	93	100	101	104	102	92	82	108
	Outlet	78	93	100	101	104	102	92	82	108
	Radiated	63	75	81	85	86	82	75	65	90

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
MTRM 900 (800rpm)	Inlet	71	86	93	95	97	95	85	76	102
	Outlet	71	86	93	95	97	95	85	76	102
	Radiated	56	68	74	79	79	75	68	59	84
MTRM 1000 (700rpm)	Inlet	73	88	96	97	100	97	87	78	104
	Outlet	73	88	96	97	100	97	87	78	104
	Radiated	58	70	77	81	82	77	70	61	86
MTRM 1120 (600rpm)	Inlet	76	91	99	100	103	100	91	81	107
	Outlet	76	91	99	100	103	100	91	81	107
	Radiated	61	73	80	84	85	80	74	64	89
MTRM 1250 (550rpm)	Inlet	72	87	95	96	99	96	87	77	103
	Outlet	72	87	95	96	99	96	87	77	103
	Radiated	57	69	76	80	81	76	70	60	85
MTRM 1400 (500rpm)	Inlet	74	89	96	97	100	98	88	78	104
	Outlet	74	89	96	97	100	98	88	78	104
	Radiated	59	71	77	81	82	78	71	61	86
MTRM 1600 (500rpm)	Inlet	84	99	106	107	110	107	98	88	114
	Outlet	84	99	106	107	110	107	98	88	114
	Radiated	69	81	87	91	92	87	81	71	96
MTRM 1800 (450rpm)	Inlet	95	110	118	119	122	119	110	100	126
	Outlet	95	110	118	119	122	119	110	100	126
	Radiated	80	92	99	103	104	99	93	83	108
MTRM 2000 (400rpm)	Inlet	92	107	114	115	118	115	106	96	122
	Outlet	92	107	114	115	118	115	106	96	122
	Radiated	77	89	95	99	100	95	89	79	104

Notes:

* To calculate the sound power level at different rpm from those indicated above, use the following formula:

$$Lw \text{ dB(A)}_{rpmA} = Lw \text{ dB(A)}_{rpmB} + 52.5 \cdot \log_{10} \frac{rpmA}{rpmB}$$