ИНЖЕНЕРИНГ Малев

Центробежни вентилатори

RM

- Вентилатори с единично засмукване
- IP55



Центробежни вентилатори с изнесен двигател тип RM

- Центробежен вентилатор с изнесен двигател

Приложение

- Центробежните вентилатори **RM** са предназначени за пренос на чист или замърсен въздух, дървесни стърготини и трески, гранулирани материали (без влакнести)
- Дебит: **360 - 120 000 m^3/h**
- Свободен напор: **400 - 5 900 Pa**

Конструкция

- Стоманен корпус, базова рама от карбонова стомана
- Импелер с обърнати назад лопатки, динамично и статично балансиран, директно куплиран двигател или двигател с ремъчна предавка
- Клас на защита: IP55
- Клас на изолация: F
- Захранване: трифазен - 400V, 50Hz

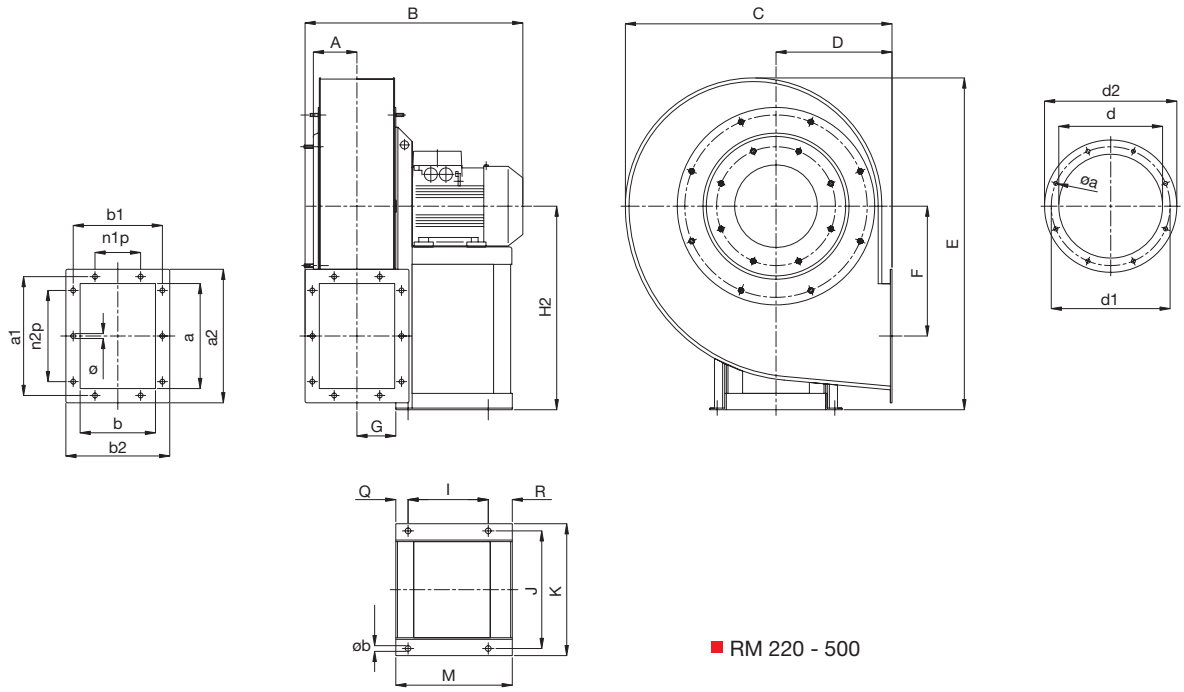
Опции

- Стандартно изпълнение - работна температура до 60°
- Специално изпълнение (SV) - работна температура до 180°C
- Взривозащитено изпълнение, съвместимо с директива ATEX94/9CE

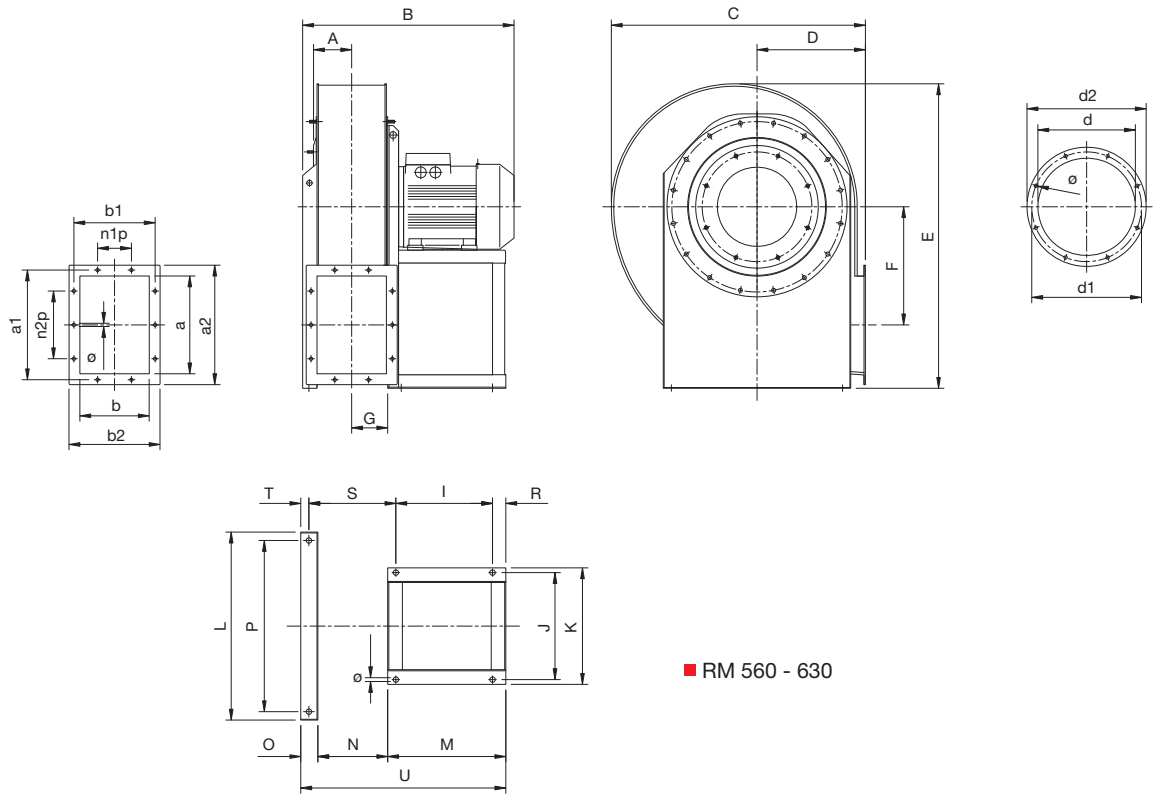
Проектна спецификация

- Центробежен вентилатор с едностранно засмукване, изнесен двигател и импелер с назад обърнати лопатки, модел **RM**

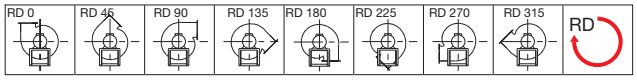
	Мотор	Мощност [kW]	Скорост [min^{-1}]	Шумово ниво [dB(A)]
RM 220	63 A2	0,18	2750	64
RM 251	63 B2	0,25	2780	65
RM 252	71 A2	0,37	2780	67
RM 281	71 B2	0,55	2780	69
RM 282	80 A2	0,75	2830	70
RM 311	80 B2	1,1	2830	72
RM 312	90 S2	1,5	2840	73
RM 351	90 S2	1,5	2840	76
RM 352	90 L2	2,2	2850	78
RM 401	100 LA2	3	2900	80
RM 402	112 M2	4	2900	81
RM 451	132 SA2	5,5	2900	84
RM 452	132 SB2	7,5	2900	85
RM 501	160 M2	11	2930	89
RM 502	160 M2	15	2930	89
RM 561	160 L2	18,5	2930	91
RM 562	180 M2	22	2940	92
RM 503	90 S4	1,1	1400	68
RM 504	90 L4	1,5	1400	69
RM 563	100 L4	2,2	1420	71
RM 564	100 L4	3	1430	72
RM 631	112 M4	4	1425	75
RM 632	132 S4	5,5	1440	78
RM 711	132 M4	7,5	1450	79
RM 712	160 M4	11	1460	81
RM 801	160 L4	15	1460	83
RM 802	180 M4	18,5	1470	84
RM 901	200 L4	30	1470	86
RM 902	225 S4	37	1475	87
RM 1001	225 M4	45	1475	90
RM 1002	250 M4	55	1475	91
RM 1121	280 S4	75	1475	93
RM 1122	280 M4	90	1480	94
RM 803	132 M6	4	960	73
RM 804	132 M6	5,5	960	74
RM 903	160 M6	7,5	965	76
RM 904	160 L6	11	965	77
RM 1003	180 L6	15	965	79
RM 1004	200 L6	18,5	970	80
RM 1123	200 L6	22	970	82
RM 1124	225 M6	30	975	83
RM 1251	250 M6	37	980	86
RM 1252	280 S6	45	980	87
RM 1401	280 M6	55	980	88
RM 1402	315 S6	75	985	91

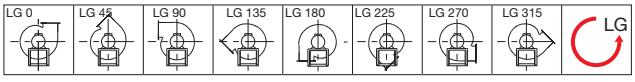


■ RM 220 - 500



■ RM 560 - 630

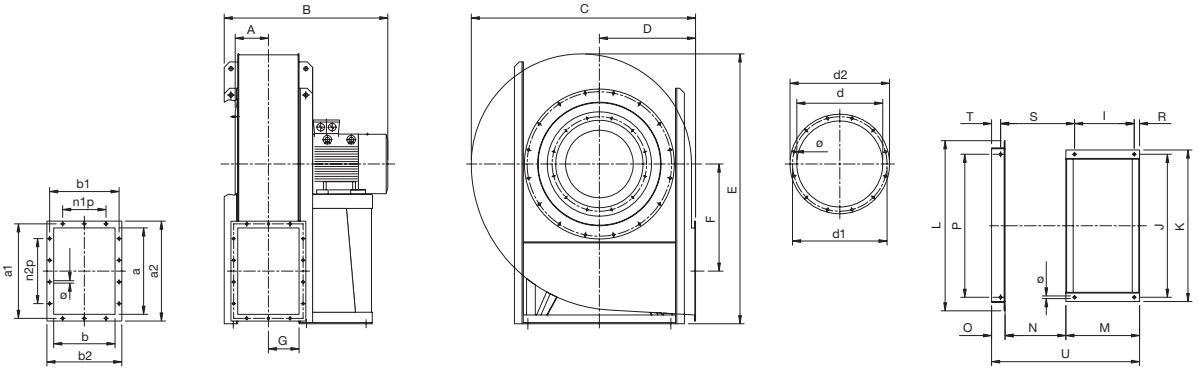




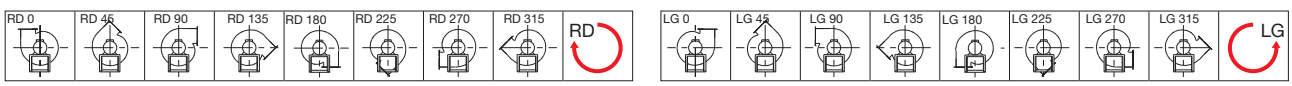
Размери

	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	H1 [mm]	H2 [mm]	d [mm]	d1 [mm]	d2 [mm]	n° [mm]	ø [mm]	a [mm]	b [mm]	a1 [mm]	b1 [mm]	a2 [mm]
RM 220	62	325	360	165	425	150	55	255	165	255	130	150	170	4	8	124	103	145	125	164
RM 251	86	380	441	195	526	175	76	315	195	315	185	219	255	8	8	207	148	241	182	277
RM 252	86	400	441	195	526	175	76	315	195	315	185	219	255	8	8	207	148	241	182	277
RM 281	95	420	477	200	610	202	86	375	200	375	205	241	275	8	8	231	166	265	200	301
RM 282	95	440	477	200	610	202	86	375	200	375	205	241	275	8	8	231	166	265	200	301
RM 311	105	460	527	225	658	229	96	400	225	400	228	265	298	8	8	258	185	292	219	328
RM 312	105	480	527	225	658	229	96	400	225	400	228	265	298	8	8	258	185	292	219	328
RM 351	115	500	600	255	740	253	107	450	255	450	255	292	325	8	10	288	205	332	249	368
RM 352	115	530	600	255	740	253	107	450	255	450	255	292	325	8	10	288	205	332	249	368
RM 401	127	590	655	285	815	286	118	500	285	500	285	332	365	8	12	322	229	366	273	402
RM 402	127	630	655	285	815	286	118	500	285	500	285	332	365	8	12	322	229	366	273	402
RM 451	141	670	735	320	915	321	131	560	320	560	320	366	400	8	12	361	256	405	300	441
RM 452	141	670	735	320	915	321	131	560	320	560	320	366	400	8	12	361	256	405	300	441
RM 501	157	830	832	360	1000	355	148	600	360	600	360	405	440	8	12	404	288	448	332	484
RM 502	157	830	832	360	1000	355	148	600	360	600	360	405	440	8	12	404	288	448	332	484
RM 503	157	580	832	360	1000	355	148	600	360	600	360	405	440	8	12	404	288	448	332	484
RM 504	157	615	832	360	1000	355	148	600	360	600	360	405	440	8	12	404	288	448	332	484
RM 561	177	880	940	400	1126	390	165	670	400	670	405	448	485	12	12	453	322	497	366	533
RM 562	177	935	940	400	1126	390	165	670	400	670	405	448	485	12	12	453	322	497	366	533
RM 563	177	705	940	400	1126	390	165	670	400	670	405	448	485	12	12	453	322	497	366	533
RM 564	177	705	940	400	1126	390	165	670	400	670	405	448	485	12	12	453	322	497	366	533
RM 631	195	775	1052	450	1260	439	185	750	450	750	455	497	535	12	12	507	361	551	405	587
RM 632	195	815	1052	450	1260	439	185	750	450	750	455	497	535	12	12	507	361	551	405	587

	b2 [mm]	n1xp [mm]	n2xp [mm]	n° [mm]	ø [mm]	I [mm]	J [mm]	K [mm]	L [mm]	M [mm]	N [mm]	O [mm]	P [mm]	Q [mm]	R [mm]	S [mm]	T [mm]	U [mm]	ø [mm]	Kg
RM 220	143	-	-	4	8	86	184	206	-	145	-	-	-	45	14	-	-	-	10	18
RM 251	218	1x112	1x112	8	12	86	184	206		145					14					24
RM 252	218	1x112	1x112	8	12	121	203	225	-	189	-	-	-	45	23	-	-	-	10	26
RM 281	236	1x112	1x112	8	12	121	203	225	-	189					23					30
RM 282	236	1x112	1x112	8	12	121	203	225	-	211	-	-	-	45	45	-	-	-	10	32
RM 311	255	1x112	2x112	10	12	121	203	225	-	211				45	45					41
RM 312	255	1x112	2x112	10	12	133	234	260	-	246	-	-	-	55	58	-	-	-	10	44
RM 351	285	1x125	2x125	10	12	133	234	260	-	246	-	-	-	55	58	-	-	-	10	66
RM 352	285	1x125	2x125	10	12	133	234	260	-	246	-	-	-	55	58	-	-	-	10	69
RM 401	309	1x125	2x125	10	12	197	289	324	-	276	-	-	-	30	49	-	-	-	12	107
RM 402	309	1x125	2x125	10	12	197	289	324	-	276	-	-	-	30	49	-	-	-	12	110
RM 451	336	1x125	2x125	10	12	237	337	372	-	336	-	-	-	40	59	-	-	-	12	150
RM 452	336	1x125	2x125	10	12	237	337	372	-	336	-	-	-	40	59	-	-	-	12	158
RM 501	368	2x125	3x125	14	12	337	395	440	-	436	-	-	-	50	49	-	-	-	14	235
RM 502	368	2x125	3x125	14	12	337	395	440	-	436	-	-	-	50	49	-	-	-	14	247
RM 503	368	2x125	3x125	14	12	133	234	260	-	246	-	-	-	55	58	-	-	-	10	132
RM 504	368	2x125	3x125	14	12	133	234	260	-	246	-	-	-	55	58	-	-	-	10	135
RM 561	402	2x125	3x125	14	12	337	395	440	692	436	326	53	632	-	49	406	23	794	14	286
RM 562	402	2x125	3x125	14	12	357	434	488	692	460	326	53	632	-	33	426	23	839	17	316
RM 563	402	2x125	3x125	14	12	197	289	324	692	276	326	53	632	-	49	386	23	629	12	140
RM 564	402	2x125	3x125	14	12	197	289	324	692	276	326	53	632	-	49	386	23	629	12	144
RM 631	441	2x125	3x125	14	12	197	289	324	762	276	365	53	702	-	49	425	23	668	12	178
RM 632	441	2x125	3x125	14	12	237	337	762	762	336	365	53	702	-	59	435	23	718	12	191



■ RM 710 - 1400



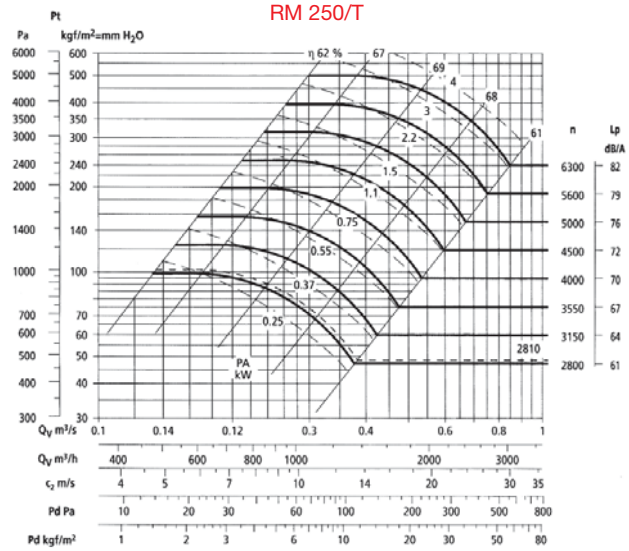
Размери

	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	H1 [mm]	H2 [mm]	d [mm]	d1 [mm]	d2 [mm]	n° [mm]	ø [mm]	a [mm]	b [mm]	a1 [mm]	b1 [mm]	a2 [mm]
RM 711	216	880	1189	500	1416	500	202	670	500	850	505	551	585	12	14	569	404	629	464	669
RM 712	216	960	1189	500	1416	500	202	670	500	850	505	551	585	12	14	569	404	629	464	669
RM 801	241	1010	1340	560	1591	560	226	755	560	950	565	629	665	12	14	638	453	698	513	738
RM 802	241	1050	1340	560	1591	560	226	755	560	950	565	629	665	12	14	638	453	698	513	738
RM 803	241	940	1340	560	1591	560	226	755	560	950	565	629	665	12	14	638	453	698	513	738
RM 804	241	940	1340	560	1591	560	226	755	560	950	565	629	665	12	14	638	453	698	513	738
RM 901	275	1230	1500	630	1780	630	253	850	630	1060	635	698	735	12	14	715	507	775	567	815
RM 902	275	1260	1500	630	1780	630	253	850	630	1060	635	698	735	12	14	715	507	775	567	815
RM 903	275	1070	1500	630	1780	630	253	850	630	1060	635	698	735	12	14	715	507	775	567	815
RM 904	275	1070	1500	630	1780	630	253	850	630	1060	635	698	735	12	14	715	507	775	567	815
RM 1001	308	1320	1685	710	1993	710	284	950	710	1180	715	775	815	16	14	801	569	871	639	921
RM 1002	308	1380	1685	710	1993	710	284	950	710	1180	715	775	815	16	14	801	569	871	639	921
RM 1003	308	1230	1685	710	1993	710	284	950	710	1180	715	775	815	16	14	801	569	871	639	921
RM 1004	308	1300	1685	710	1993	710	284	950	710	1180	715	775	815	16	14	801	569	871	639	921
RM 1121	350	1620	1884	800	2222	800	319	1060	800	1320	805	861	905	16	14	898	638	968	708	1018
RM 1122	350	1620	1884	800	2222	800	319	1060	800	1320	805	861	905	16	14	898	638	968	708	1018
RM 1123	350	1390	1884	800	2222	800	319	1060	800	1320	805	861	905	16	14	898	638	968	708	1018
RM 1124	350	1410	1884	800	2222	800	319	1060	800	1320	805	861	905	16	14	898	638	968	708	1018
RM 1251	388	1550	2116	900	2517	900	357	1190	900	1500	905	958	1005	16	14	1007	715	1077	785	1127
RM 1252	388	1700	2116	900	2517	900	357	1190	900	1500	905	958	1005	16	14	1007	715	1077	785	1127
RM 1401	442	1790	2325	1000	2816	1000	400	1320	1000	1700	1007	1067	1107	24	14	1130	801	1210	881	1270
RM 1402	442	1800	2325	1000	2816	1000	400	1320	1000	1700	1007	1067	1107	24	14	1130	801	1210	881	1270

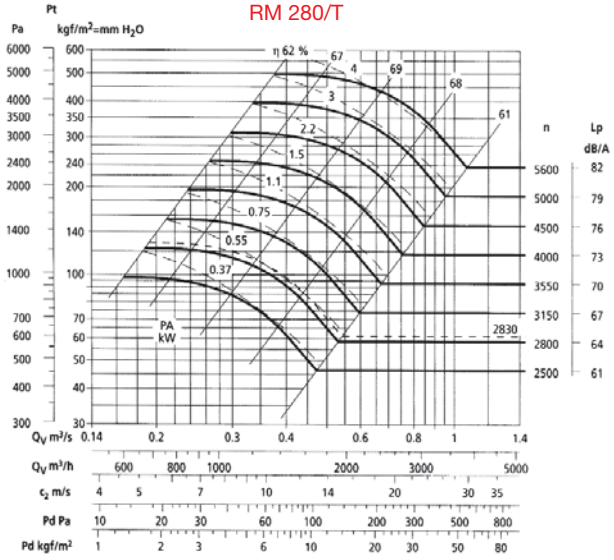
	b2 [mm]	n1xp [mm]	n2xp [mm]	n° [mm]	ø [mm]	I [mm]	J [mm]	K [mm]	L [mm]	M [mm]	N [mm]	O [mm]	P [mm]	Q [mm]	R [mm]	S [mm]	T [mm]	U [mm]	ø [mm]	Kg
RM 711	504	2x160	3x160	14	14	201	772	826	915	336	404	60	772	-	59	497	27	764	20	285
RM 712	504	2x160	3x160	14	14	316	772	826	915	436	404	60	772	-	49	497	27	879	20	308
RM 801	553	2x160	3x160	14	14	315	862	926	1045	436	453	80	862	-	49	546	47	948	20	400
RM 802	553	2x160	3x160	14	14	361	862	926	1045	460	453	80	862	-	39	546	47	993	20	430
RM 803	553	2x160	3x160	14	14	201	862	926	1045	336	453	80	862	-	59	546	47	833	20	330
RM 804	553	2x160	3x160	14	14	201	862	926	1045	336	453	80	862	-	59	546	47	833	20	340
RM 901	607	2x160	4x160	16	14	401	962	1026	1145	500	507	80	962	-	39	600	47	1087	20	580
RM 902	607	2x160	4x160	16	14	441	962	1026	1145	540	507	80	962	-	39	600	47	1127	20	620
RM 903	607	2x160	4x160	16	14	316	962	1026	1145	436	507	80	962	-	49	600	47	1002	20	465
RM 904	607	2x160	4x160	16	14	316	962	1026	1145	436	507	80	962	-	49	600	47	1002	20	495
RM 1001	689	2x200	3x200	14	14	440	1056	1128	1255	540	569	100	1056	-	45	657	67	1209	20	760
RM 1002	689	2x200	3x200	14	14	500	1056	1128	1255	600	569	100	1056	-	45	657	67	1269	20	830
RM 1003	689	2x200	3x200	14	14	360	1056	1128	1255	460	569	100	1056	-	45	657	67	1129	20	652
RM 1004	689	2x200	3x200	14	14	400	1056	1128	1255	500	569	100	1056	-	45	657	67	1169	20	679
RM 1121	758	3x200	4x200	18	14	565	1178	1268	1400	690	638	100	1178	-	45	763	55	1428	24	1220
RM 1122	758	3x200	4x200	18	14	565	1178	1268	1400	690	638	100	1178	-	45	763	55	1428	24	1257
RM 1123	758	3x200	4x200	18	14	375	1178	1268	1400	500	638	100	1178	-	45	763	55	1238	24	995
RM 1124	758	3x200	4x200	18	14	415	1178	1268	1400	540	638	100	1178	-	45	763	55	1278	24	1043
RM 1251	835	3x200	4x200	18	14	475	1310	1400	1530	690	715	100	1310	-	45	840	55	1415	24	1330
RM 1252	835	3x200	4x200	18	14	565	1310	1400	1530	690	715	100	1310	-	45	840	55	1505	24	1405
RM 1401	941	3x200	5x200	20	18	535	1450	1560	1690	800	801	130	1450	-	55	946	85	1621	24	1850
RM 1402	941	3x200	5x200	20	18	645	1450	1560	1690	800	801	130	1450	-	55	946	85	1731	24	1970

Работни характеристики

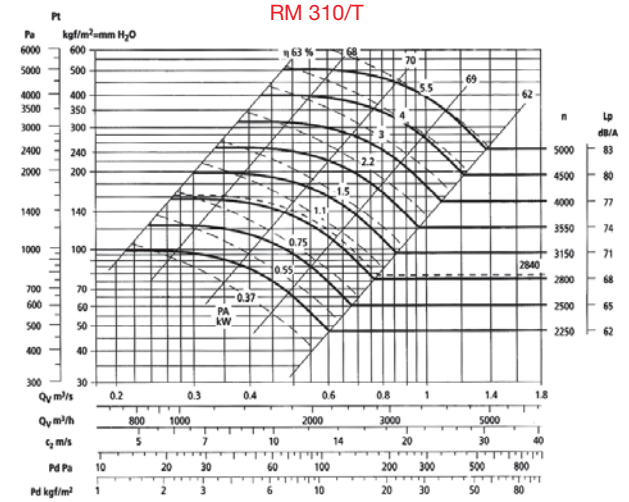
RM 250/T



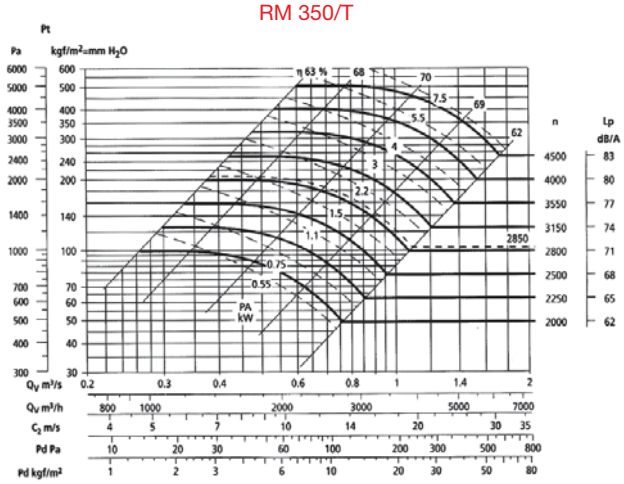
RM 280/T



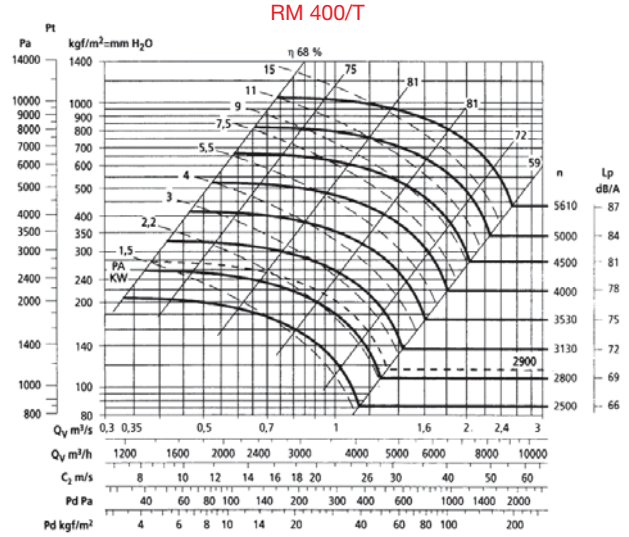
RM 310/T



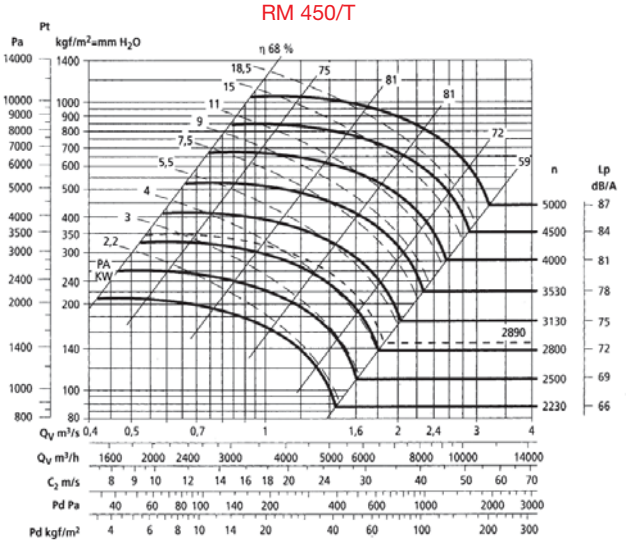
RM 350/T



RM 400/T

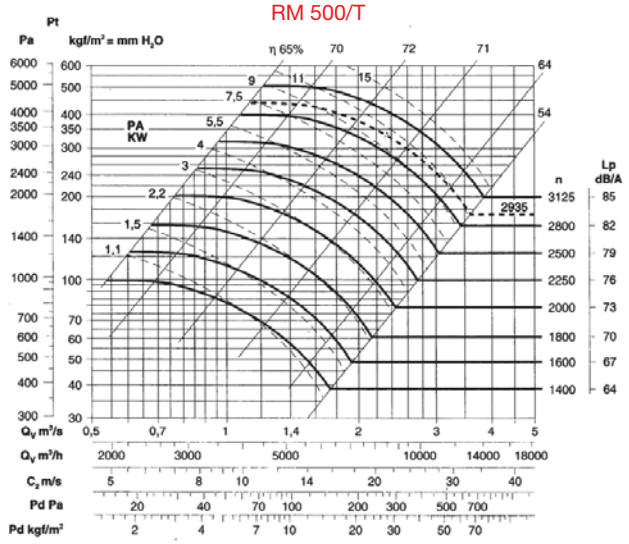


RM 450/T

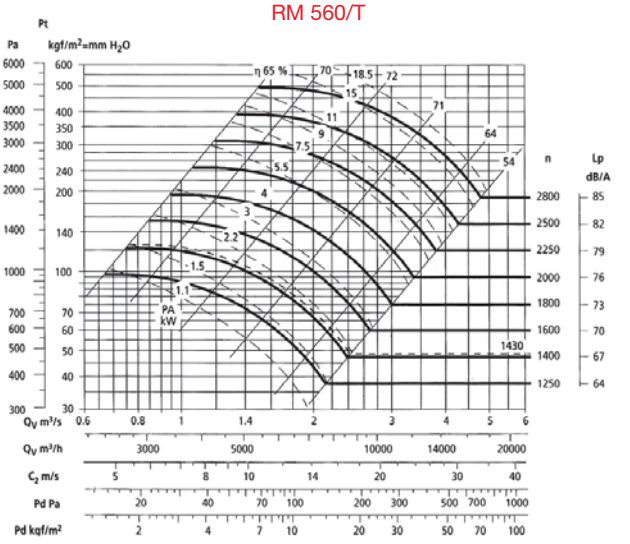


Работни характеристики

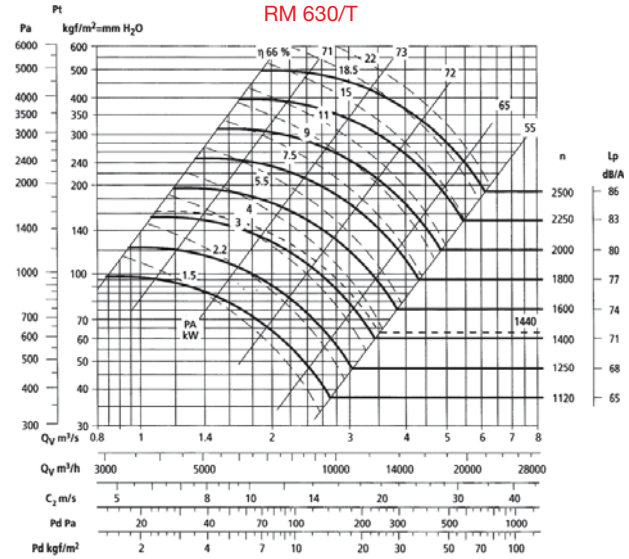
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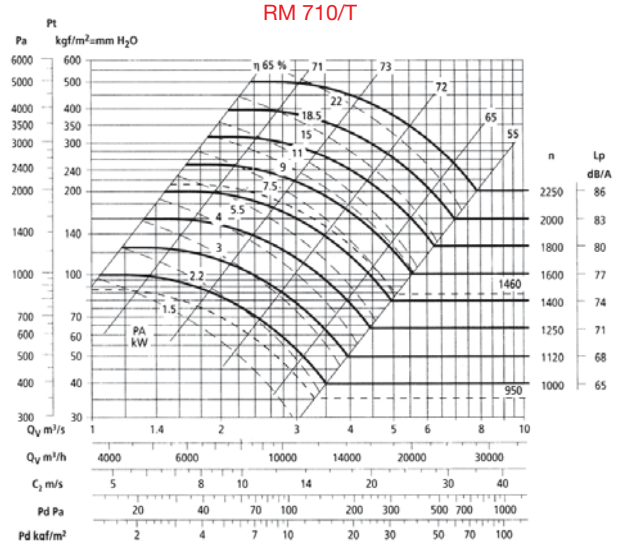
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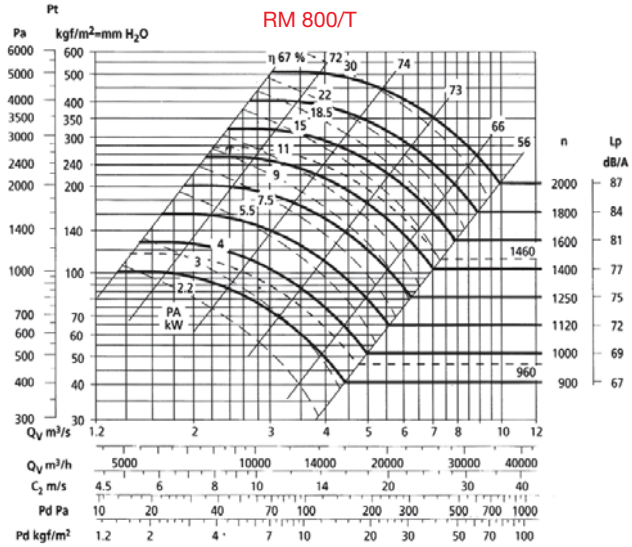
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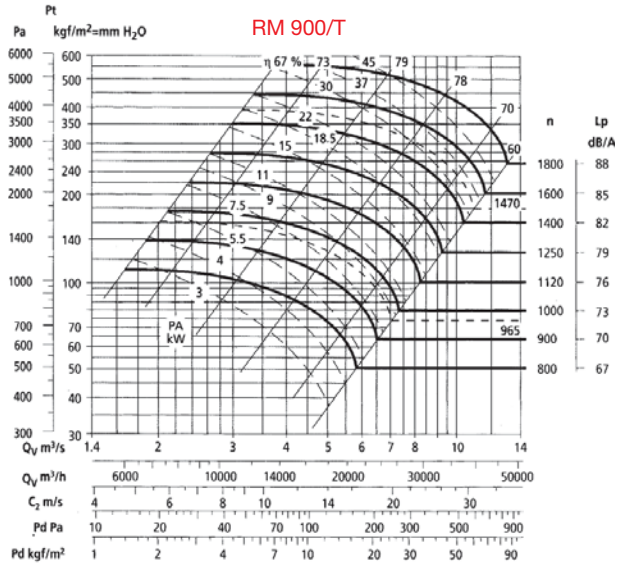
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RM 800/T

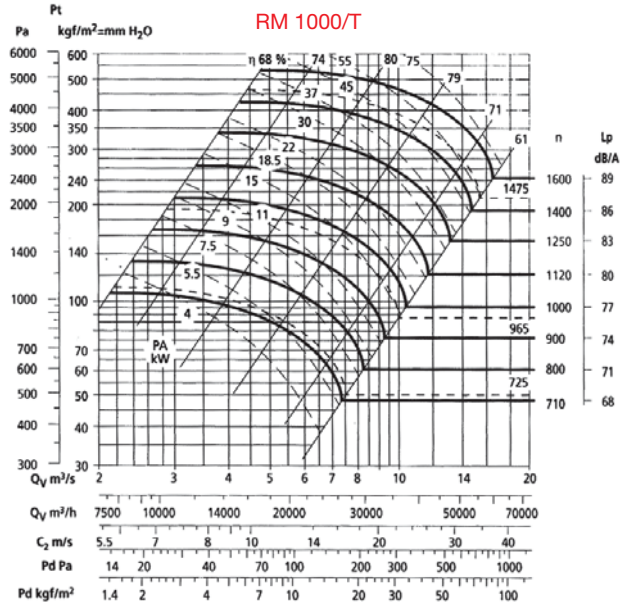


RM 900/T

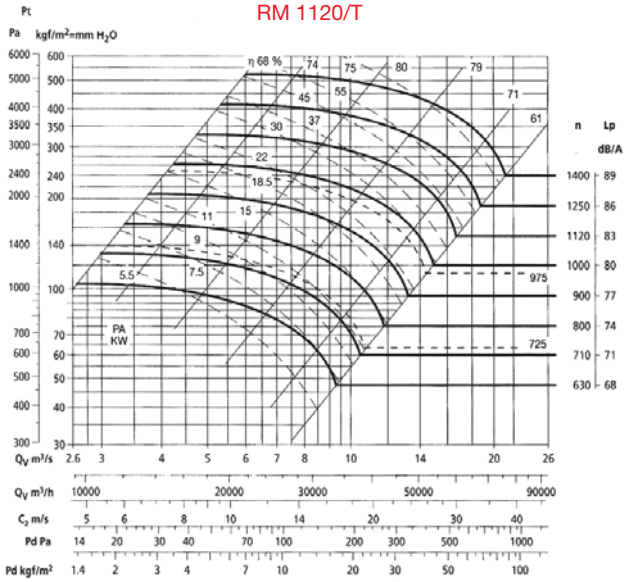


Работни характеристики

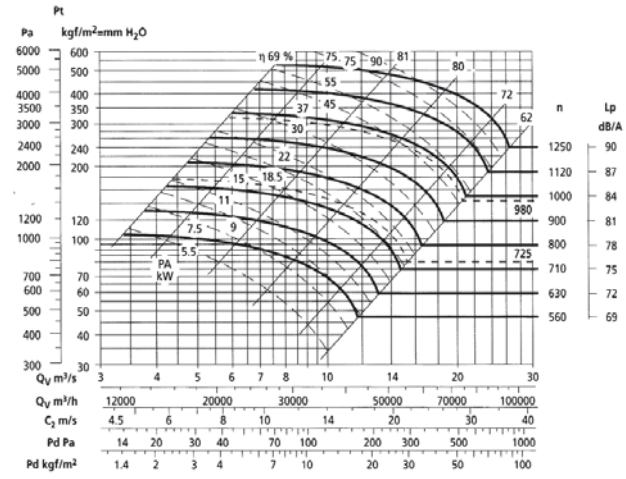
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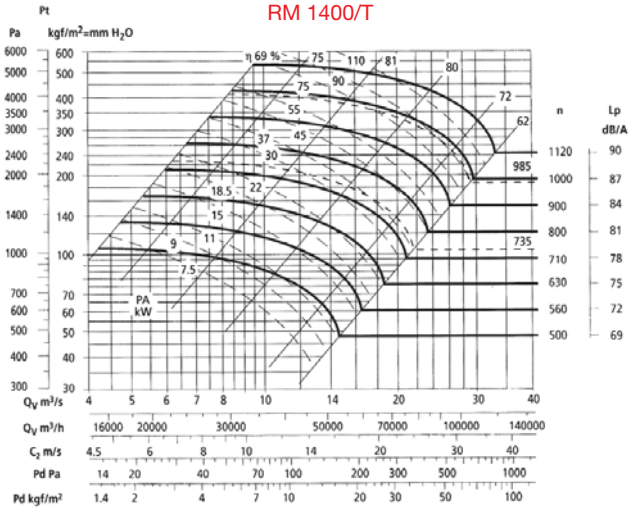
RM 1120/T



RM 1250/T



RM 1400/T



Забележки

- Q_v = дебит
- C = скорост
- P_d = динамично налягане
- P_t = пълен напор
- L_p = шумово ниво
- P_a = мощност на двигателя
- Пунктираната линия (- - - - -) е характеристика при директно куплиран двигател