

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 - 180 000 m³/h**
- Свободен напор: **500 - 5 500 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

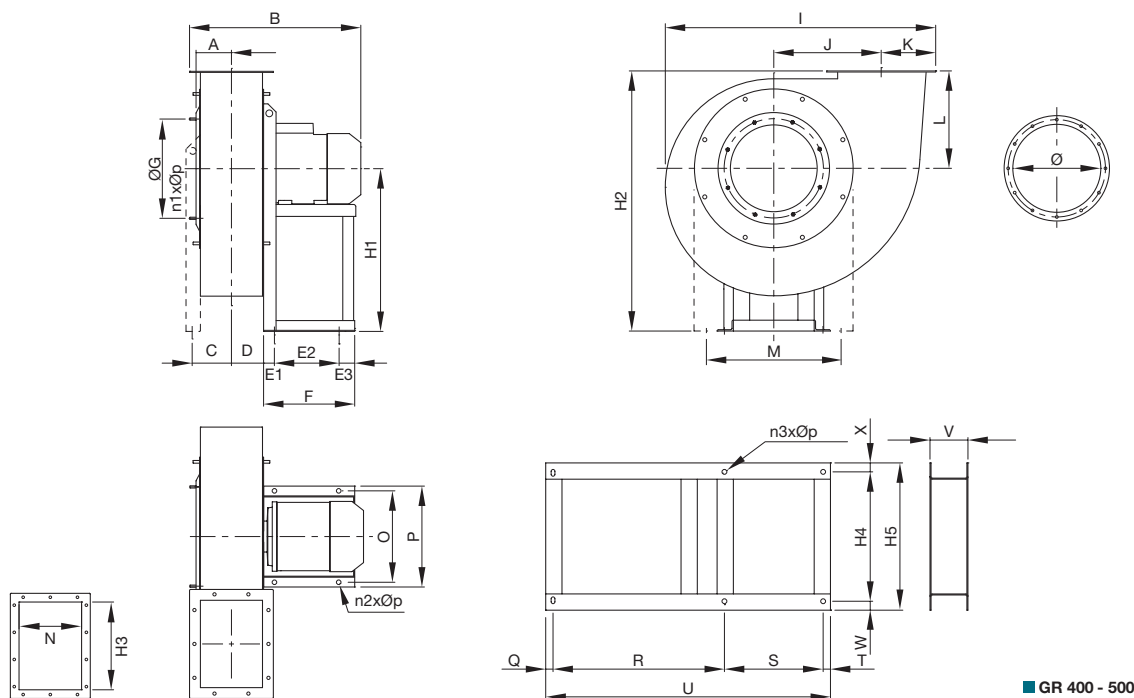
Опции

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

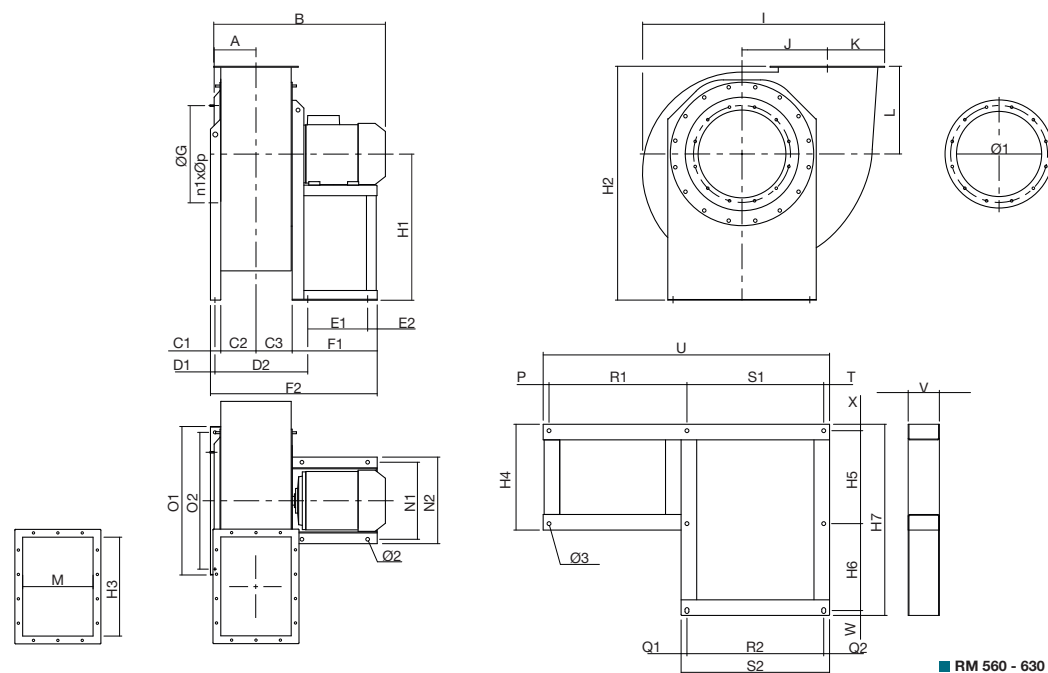
Проектна спецификация

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

| | Мотор | Мощност [kW] | Обороти [RPM] | Шумово ниво [dB(A)] | | Мотор | Мощност [kW] | Обороти [RPM] | Шумово ниво [dB(A)] |
|-----------|-------|--------------|---------------|---------------------|------------|-------|--------------|---------------|---------------------|
| RM 220/2 | 63 | 0.18 | 2820 | 54 | RM 710/4R | 132 | 7.5 | 1460 | 72 |
| RM 250/2R | 63 | 0.25 | 2820 | 57 | RM 710/4 | 160 | 11 | 1460 | 74 |
| RM 250/2 | 71 | 0.37 | 2820 | 59 | RM 800/4R | 160 | 15 | 1460 | 75 |
| RM 280/2R | 71 | 0.55 | 2850 | 61 | RM 800/4 | 180 | 18.5 | 1460 | 76 |
| RM 280/2 | 80 | 0.75 | 2850 | 61 | RM 900/4R | 200 | 30 | 1465 | 78 |
| RM 310/2R | 80 | 1.1 | 2920 | 65 | RM 900/4 | 225 | 37 | 1470 | 78 |
| RM 310/2 | 90 | 1.5 | 2920 | 65 | RM 1000/4R | 225 | 45 | 1470 | 80 |
| RM 350/2R | 90 | 1.5 | 2920 | 63 | RM 1000/4 | 250 | 55 | 1485 | 82 |
| RM 350/2 | 90 | 2.2 | 2920 | 68 | RM 1120/4R | 280 | 75 | 1490 | 83 |
| RM 400/2R | 100 | 3 | 2940 | 70 | RM 1120/4 | 280 | 90 | 1490 | 84 |
| RM 400/2 | 112 | 4 | 2940 | 71 | RM 800/6R | 132 | 4 | 955 | 66 |
| RM 450/2R | 132 | 5.5 | 2940 | 74 | RM 800/6 | 132 | 5.5 | 960 | 68 |
| RM 450/2 | 132 | 7.5 | 2940 | 73 | RM 900/6R | 160 | 7.5 | 970 | 70 |
| RM 500/2R | 160 | 11 | 2950 | 77 | RM 900/6 | 160 | 11 | 970 | 71 |
| RM 500/2 | 160 | 15 | 2950 | 77 | RM 1000/6R | 180 | 15 | 980 | 73 |
| RM 560/2R | 160 | 18.5 | 2960 | 81 | RM 1000/6 | 200 | 18.5 | 985 | 73 |
| RM 560/2 | 180 | 22 | 2960 | 81 | RM 1120/6R | 200 | 22 | 985 | 74 |
| RM 500/4R | 90 | 1.1 | 1420 | 62 | RM 1120/6 | 225 | 30 | 985 | 76 |
| RM 500/4 | 90 | 1.5 | 1420 | 64 | RM 1250/6R | 250 | 37 | 990 | 78 |
| RM 560/4R | 100 | 2.2 | 1420 | 66 | RM 1250/6 | 280 | 45 | 990 | 78 |
| RM 560/4 | 100 | 3 | 1420 | 67 | RM 1400/6R | 280 | 55 | 990 | 80 |
| RM 630/4R | 112 | 4 | 1440 | 69 | RM 1400/6 | 315 | 75 | 995 | 81 |
| RM 630/4 | 132 | 5.5 | 1460 | 70 | | | | | |



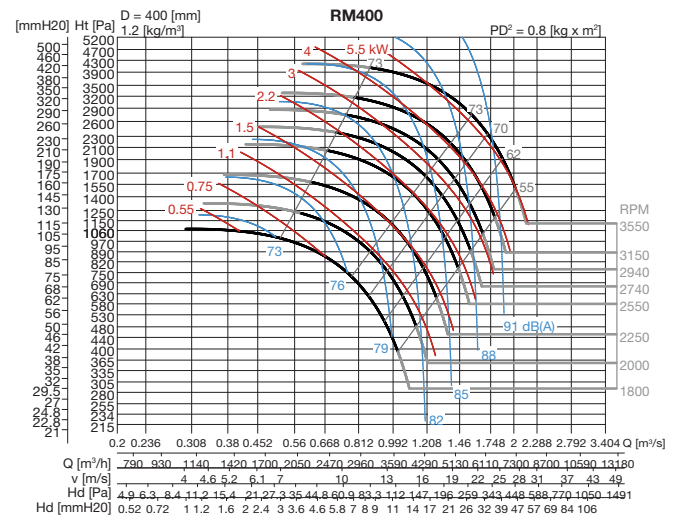
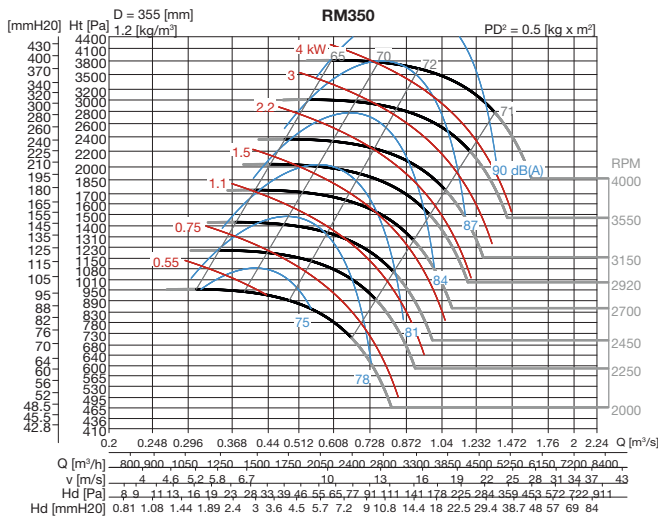
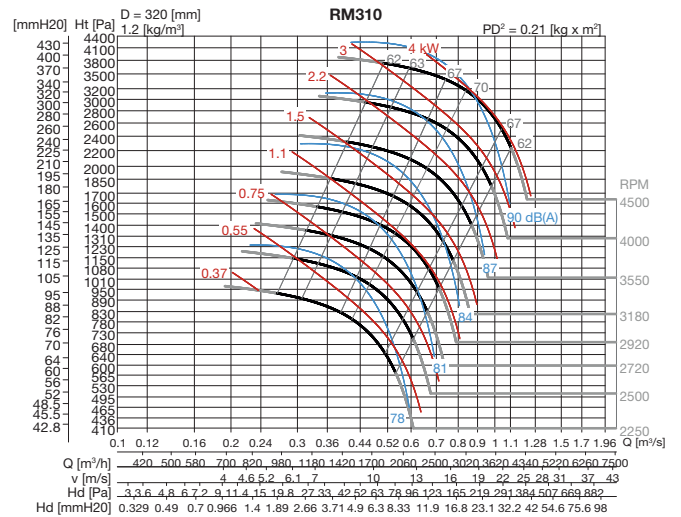
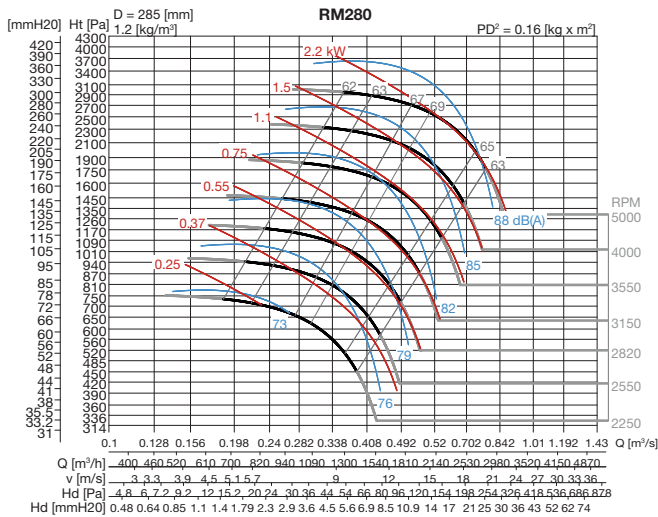
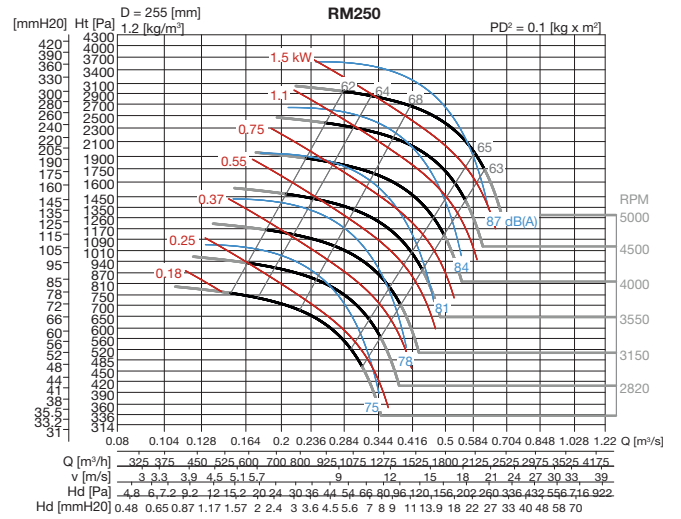
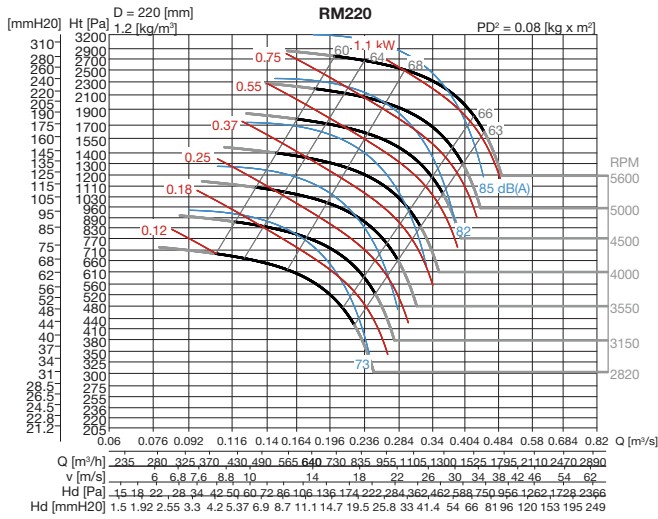
| Размери | | | | | | | | | | | | | | | | | | |
|-----------|--------|--------|--------|--------|---------|---------|---------|--------|---------|---------|---------|---------|-------------|------------|------------|--------|--------|--------|
| | A [mm] | B [mm] | C [mm] | D [mm] | E1 [mm] | E2 [mm] | E3 [mm] | F [mm] | ØG [mm] | H1 [mm] | H2 [mm] | H3 [mm] | H4 [mm] | H5 [mm] | I [mm] | J [mm] | K [mm] | L [mm] |
| RM 220/2 | 59 | 307 | 69 | 55 | 48 | 86 | 16 | 150 | Ø150 | 255 | 420 | 124 | 210 | 244 | 407 | 150 | 82 | 165 |
| RM 250/2R | 86 | 366 | 92 | 77 | 48 | 86 | 16 | 150 | Ø219 | 315 | 510 | 207 | 210 | 244 | 525 | 175 | 139 | 195 |
| RM 250/2 | 86 | 396 | 92 | 77 | 48 | 121 | 26 | 195 | Ø219 | 315 | 510 | 207 | 210 | 244 | 525 | 175 | 139 | 195 |
| RM 280/2R | 95 | 414 | 103 | 86 | 49 | 121 | 26 | 196 | Ø241 | 375 | 575 | 231 | 284 | 330 | 583 | 202 | 151 | 200 |
| RM 280/2 | 95 | 438 | 103 | 86 | 48 | 121 | 48 | 217 | Ø241 | 375 | 575 | 231 | 284 | 330 | 583 | 202 | 151 | 200 |
| RM 310/2R | 105 | 458 | 103 | 96 | 45 | 121 | 45 | 211 | Ø265 | 400 | 625 | 258 | 284 | 330 | 649 | 229 | 164 | 225 |
| RM 310/2 | 105 | 505 | 103 | 96 | 55 | 133 | 58 | 246 | Ø265 | 400 | 625 | 258 | 284 | 330 | 649 | 229 | 164 | 225 |
| RM 350/2R | 115 | 530 | 128 | 106 | 55 | 133 | 58 | 246 | Ø292 | 450 | 705 | 288 | 407 | 463 | 725 | 253 | 184 | 255 |
| RM 350/2 | 115 | 530 | 128 | 106 | 55 | 133 | 58 | 246 | Ø292 | 450 | 705 | 288 | 407 | 463 | 725 | 253 | 184 | 255 |
| RM 400/2R | 127 | 585 | 145 | 118 | 30 | 197 | 49 | 276 | Ø332 | 500 | 785 | 322 | 407 | 463 | 798 | 286 | 201 | 285 |
| RM 400/2 | 127 | 606 | 145 | 118 | 30 | 197 | 49 | 276 | Ø332 | 500 | 785 | 322 | 407 | 463 | 798 | 286 | 201 | 285 |
| RM 450/2R | 141 | 673 | 158 | 132 | 40 | 237 | 59 | 336 | Ø366 | 560 | 880 | 361 | 407 | 463 | 895 | 321 | 221 | 320 |
| RM 450/2 | 141 | 673 | 158 | 132 | 40 | 237 | 59 | 336 | Ø366 | 560 | 880 | 361 | 407 | 463 | 895 | 321 | 221 | 320 |
| RM 500/2R | 157 | 810 | 174 | 148 | 50 | 337 | 49 | 436 | Ø405 | 600 | 960 | 404 | 477 | 543 | 997 | 355 | 242 | 360 |
| RM 500/2 | 157 | 810 | 174 | 148 | 50 | 337 | 49 | 436 | Ø405 | 600 | 960 | 404 | 477 | 543 | 997 | 355 | 242 | 360 |
| RM 500/4R | 157 | 613 | 174 | 148 | 55 | 133 | 58 | 246 | Ø405 | 600 | 960 | 404 | 477 | 543 | 997 | 355 | 242 | 360 |
| RM 500/4 | 157 | 613 | 174 | 148 | 55 | 133 | 58 | 246 | Ø405 | 600 | 960 | 404 | 477 | 543 | 997 | 355 | 242 | 360 |
| | M [mm] | N [mm] | O [mm] | P [mm] | Q [mm] | R [mm] | S [mm] | T [mm] | U [mm] | V [mm] | W [mm] | X [mm] | n1xØp [mm] | n2xØp [mm] | n3xØp [mm] | Ø [mm] | [kg] | |
| RM 220/2 | 250 | 103 | 184 | 206 | 13.5 | 445 | 228 | 13.5 | 700 | 80 | 17 | 17 | n4 M6 x Ø20 | n4 x Ø10 | n6 x Ø12 | Ø130 | 18 | |
| RM 250/2R | 280 | 148 | 184 | 206 | 13.5 | 445 | 228 | 13.5 | 700 | 80 | 17 | 17 | n8 M6 x Ø20 | n4 x Ø10 | n6 x Ø12 | Ø185 | 24 | |
| RM 250/2 | 280 | 148 | 203 | 225 | 13.5 | 445 | 228 | 13.5 | 700 | 80 | 17 | 17 | n8 M6 x Ø20 | n4 x Ø10 | n6 x Ø12 | Ø185 | 26 | |
| RM 280/2R | 315 | 166 | 203 | 225 | 18 | 576 | 288 | 18 | 900 | 100 | 23 | 23 | n8 M6 x Ø20 | n4 x Ø10 | n6 x Ø15 | Ø205 | 30 | |
| RM 280/2 | 315 | 166 | 203 | 225 | 18 | 576 | 288 | 18 | 900 | 100 | 23 | 23 | n8 M6 x Ø20 | n4 x Ø10 | n6 x Ø15 | Ø205 | 35 | |
| RM 310/2R | 350 | 185 | 203 | 225 | 18 | 576 | 288 | 18 | 900 | 100 | 23 | 23 | n8 M6 x Ø20 | n4 x Ø10 | n6 x Ø15 | Ø228 | 42 | |
| RM 310/2 | 350 | 185 | 234 | 260 | 18 | 576 | 288 | 18 | 900 | 100 | 23 | 23 | n8 M6 x Ø20 | n4 x Ø10 | n6 x Ø15 | Ø228 | 45 | |
| RM 350/2R | 395 | 205 | 234 | 260 | 22.5 | 610 | 355 | 22.5 | 1010 | 120 | 28 | 28 | n8 M8 x Ø25 | n4 x Ø10 | n6 x Ø15 | Ø255 | 66 | |
| RM 350/2 | 395 | 205 | 234 | 260 | 22.5 | 610 | 355 | 22.5 | 1010 | 120 | 28 | 28 | n8 M8 x Ø25 | n4 x Ø10 | n6 x Ø15 | Ø255 | 70 | |
| RM 400/2R | 445 | 229 | 289 | 324 | 22.5 | 610 | 355 | 22.5 | 1010 | 120 | 28 | 28 | n8 M8 x Ø25 | n4 x Ø12 | n6 x Ø15 | Ø285 | 85 | |
| RM 400/2 | 445 | 229 | 289 | 324 | 22.5 | 610 | 355 | 22.5 | 1010 | 120 | 28 | 28 | n8 M8 x Ø25 | n4 x Ø12 | n6 x Ø15 | Ø285 | 93 | |
| RM 450/2R | 495 | 256 | 337 | 372 | 22.5 | 610 | 355 | 22.5 | 1010 | 120 | 28 | 28 | n8 M8 x Ø25 | n4 x Ø12 | n6 x Ø15 | Ø320 | 115 | |
| RM 450/2 | 495 | 256 | 337 | 372 | 22.5 | 610 | 355 | 22.5 | 1010 | 120 | 28 | 28 | n8 M8 x Ø25 | n4 x Ø12 | n6 x Ø15 | Ø320 | 118 | |
| RM 500/2R | 545 | 288 | 395 | 440 | 27 | 632 | 364 | 27 | 1050 | 140 | 33 | 33 | n8 M8 x Ø25 | n4 x Ø12 | n6 x Ø18 | Ø360 | 175 | |
| RM 500/2 | 545 | 288 | 395 | 440 | 27 | 632 | 364 | 27 | 1050 | 140 | 33 | 33 | n8 M8 x Ø25 | n4 x Ø12 | n6 x Ø18 | Ø360 | 180 | |
| RM 500/4R | 545 | 288 | 234 | 260 | 27 | 632 | 364 | 27 | 1050 | 140 | 33 | 33 | n8 M8 x Ø25 | n4 x Ø12 | n6 x Ø18 | Ø360 | 100 | |
| RM 500/4 | 545 | 288 | 234 | 260 | 27 | 632 | 364 | 27 | 1050 | 140 | 33 | 33 | n8 M8 x Ø25 | n4 x Ø12 | n6 x Ø18 | Ø360 | 106 | |



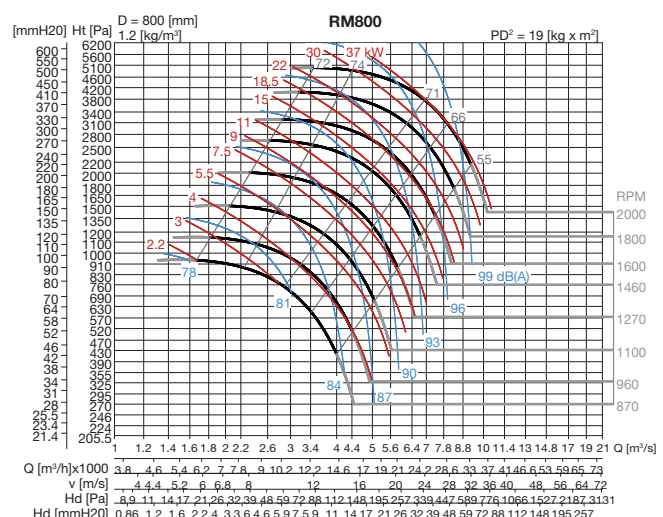
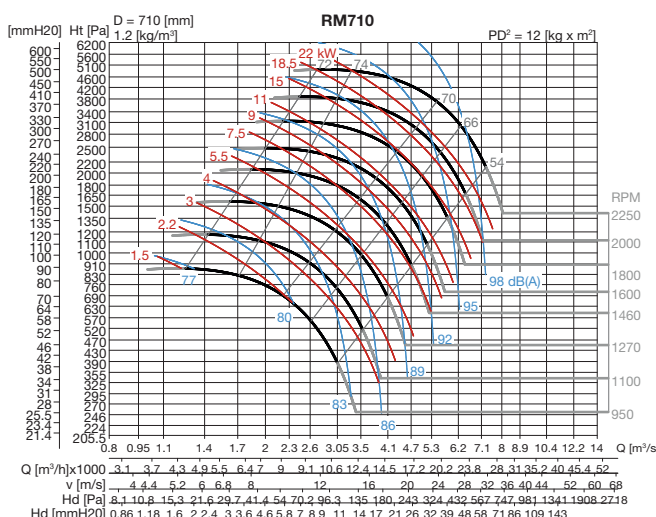
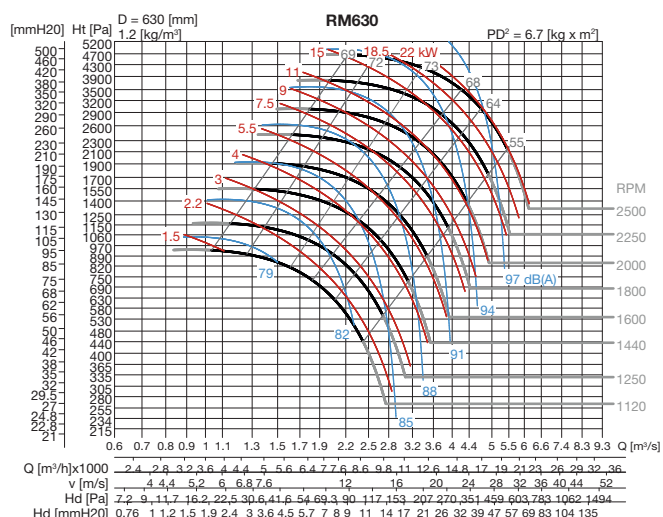
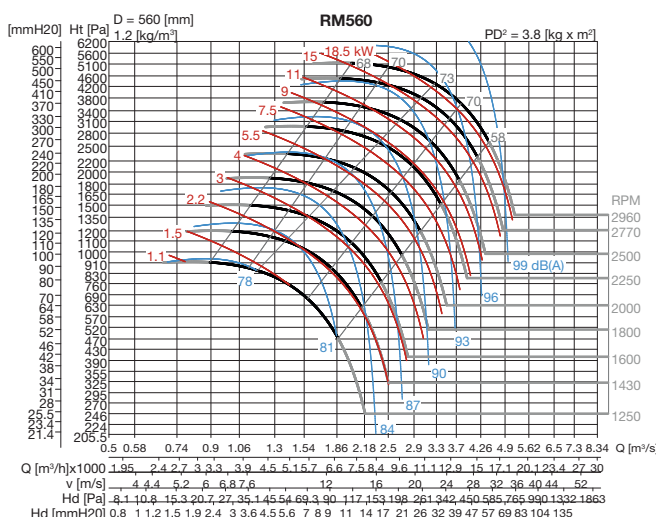
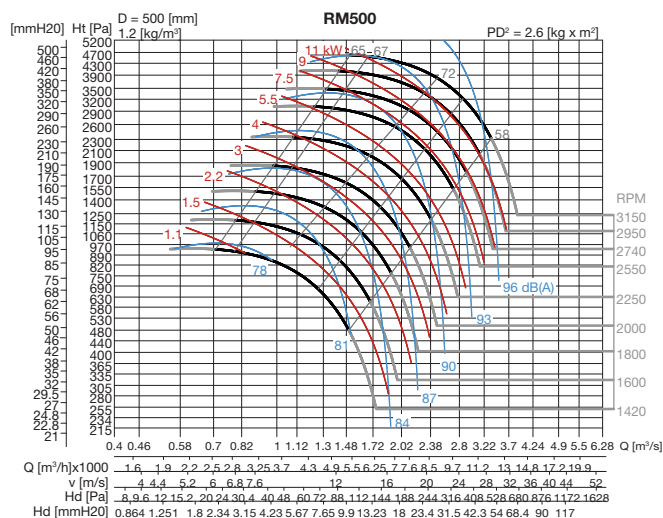
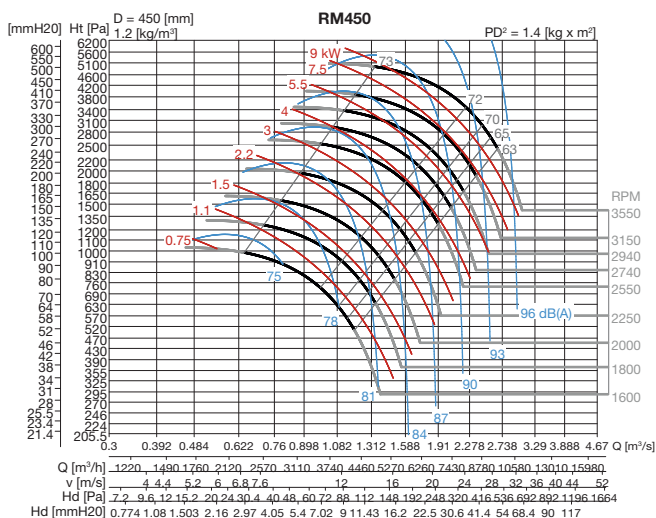
■ RM 560 - 630



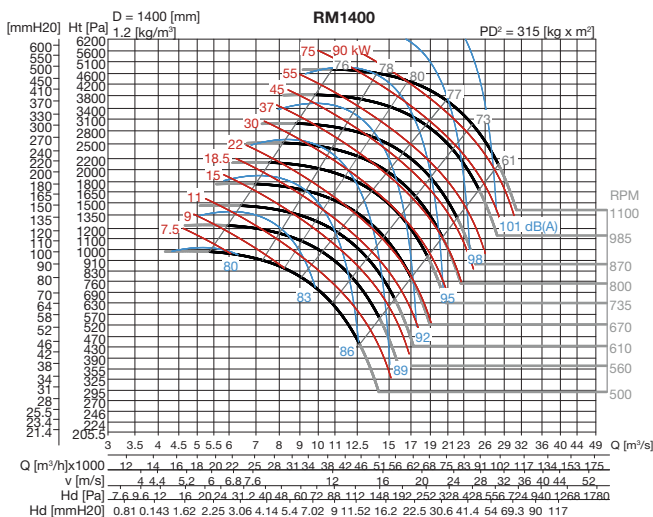
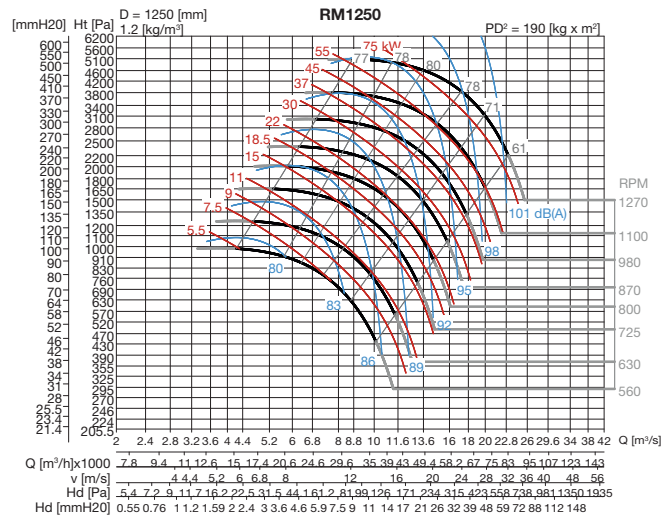
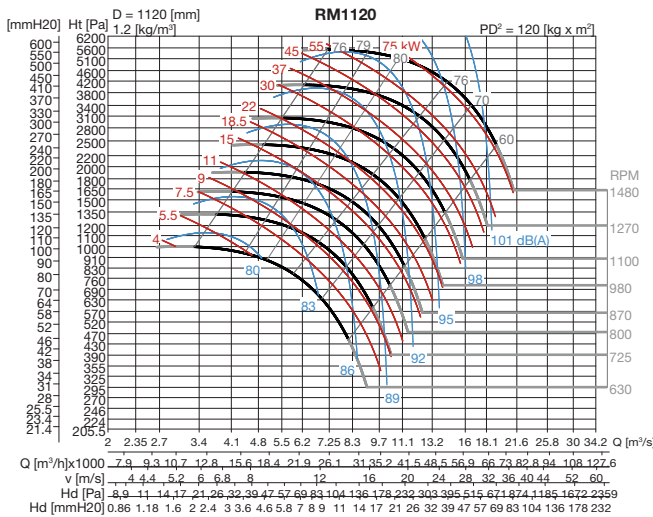
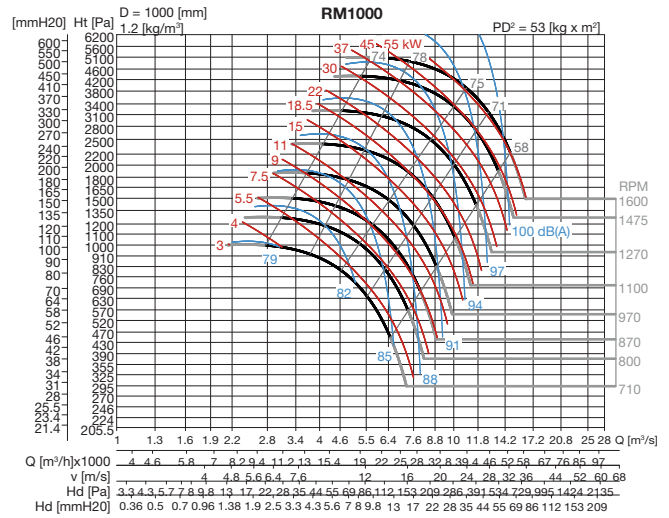
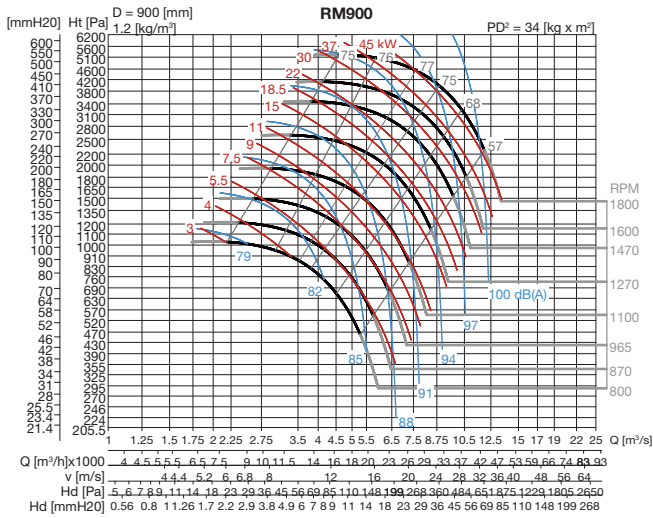
Работни характеристики



Работни характеристики



Работни характеристики



Забележки

- Q = дебит
- v = скорост
- H_d = динамично налягане
- P_t = пълен напор