

FS



Oběžné kolo s dopředu zahnutými lopatkami
Forward curved impeller

Jednostranně sací radiální ventilátor s motorem na řemen. Vyroben z ocelového plechu chráněného katarforezním základním nátěrem a polyuretanovým lakem. Navržen pro trvalý provoz, teplota přepravované vzdušiny od -20 °C do +60 °C.

Montážní sestavy:

- PROVEDENÍ 1: Volná hřídel, pro řemenici nebo řemenový pohon.
- PROVEDENÍ 9: Obsahuje motor, řemenice, řemeny a ochranný kryt. Motor umístěný na straně montážní konzole.
- PROVEDENÍ 12: Obsahuje motor, řemenice, řemeny a ochranný kryt. Motor umístěný na montážním podstavci.

Motory:

2, 4 nebo 6pólové, IE 3* s vysokou účinností, třífázové provedení 230/400 V, 50 Hz do velikosti motoru 132. Pro velikosti motoru nad 132 400/690 V, 50 Hz. Krytí IP55, izolace třídy F.

* Řízen frekvenčním měničem.

Na vyžádání:

- nerez a další materiály
- dvourychlostní motory
- 60 Hz provedení
- lakované v různých barvách RAL
- vysokoteplotní provedení (až do 300 °C, provedení B s chladičím kotoučem)

Single inlet centrifugal fans, for belt drive. Manufactured from steel sheet protected with cataforesis primer + polyurethane paint finish. Designed to continuously circulate air from -20 °C up to 60 °C.

Assembly systems

- ARRANGEMENT 1: Free shaft, for pulley or belt-drive.
- ARRANGEMENT 9: Includes motor, pulleys, belts and belt guard. Motor fitted on the side of the bearing mounting bracket.
- ARRANGEMENT 12: Includes motor, pulleys, belts and belt guard. Motor fitted on the base frame.

Motors

2, 4 or 6 pole, IE 3* high efficiency (the rpm of each motor will be adapted according to the calculation for each drive), three-phase 230/400 V 50 Hz up to motor size 132 and 400/690 V 50 Hz for higher motors. IP55, Class F protection.

* Controlled by VSD.

On request

- Manufactured from different materials.
- 2-speed motors.
- 60 Hz versions.

- revizní dvířka, odvod kondenzátu, ucpávka hřídele
- svařovaná spirální skříň
- tepelně izolovaná spirální skříň

ATEX provedení:

Na vyžádání možnost dodání v nevybušném provedení podle směrnice ATEX pro třífázové motory a pro okolní atmosférické podmínky definované normou EN 14986. Rozsah teplot -20 °C až +60 °C, absolutní tlak 0,8 až 1,1 bar.

• Plyn:

- ⊗ 2G IIB T2-T3, motor Exd IIB nebo Exell
- ⊗ 2G IIB+H2 T2-T3, motor ExdIIC
- ⊗ 3G IIB T2-T3, motor ExnA (pouze pro zónu 3G)
- ⊗ 3G IIB+H2 T2-T3, motor ExnA (pouze pro zónu 3G)

• Nevodivý prach:

- ⊗ 2D IIIB T195°C-T295°C
- ⊗ 3D IIIB T195°C-T295°C

• Vodivý prach (povinný motor IP65):

- ⊗ 2D IIIC T195°C-T295°C
- ⊗ 3D IIIC T195°C-T295°C

- Painted in different RAL colour.
- High-temperature versions (up to 300 °C) (B versions: with cooling impeller).
- Inspection door, draining, different seals on scroll and shaft access.
- Welded casing.
- Thermal insulation lagging.

ATEX versions

On request, explosion proof versions in accordance with ATEX directive for three phase models:

Ambient temperature -20 °C to +60 °C, ambient pressure (abs.) 0,8 bar to 1,1 bar according to EN 14986.

• Gas:

- ⊗ 2G IIB T2-T3, Motor Exd IIB or Exell
- ⊗ 2G IIB+H2 T2-T3, Motor ExdIIC
- ⊗ 3G IIB T2-T3, Motor ExnA (only for 3G zone)
- ⊗ 3G IIB+H2 T2-T3, Motor ExnA (only for 3G zone)

• Non-conductive dust:

- ⊗ 2D IIIB T195°C-T295°C
- ⊗ 3D IIIB T195°C-T295°C

• Conductive dust (compulsory IP 65 motor):

- ⊗ 2D IIIC T195°C-T295°C
- ⊗ 3D IIIC T195°C-T295°C

TABULKA POUŽITÍ

TABLE OF APPLICATIONS

| Charakter vzdušiny Air Type | Množství prachu Dust quantity (mg/m ³) |
|--------------------------------------|--|
| Velmi prašné prostředí Heavy dust | <5000 |

TECHNICKÉ PARAMETRY / TECHNICAL FEATURES

Ujistěte se, že elektrické parametry (napětí, proud, frekvence apod.) jsou vhodné pro vaši konkrétní aplikaci.

Please, check that electrical features (voltage, current, frequency, etc.) are suitable with your installation.

| Typ Model | Max. průtok Maximum airflow (m ³ /h) | Jmenovitý výkon Maximum motor power (kW) | Hmotnost Weight (kg) ⁽¹⁾ | Moment setrvačnosti Moment of inertia (kg·m ²) ⁽²⁾ |
|--------------|---|--|---|---|
| FS 201 P1A | 4.220 | 2,2 | 22 | 0,025 |
| FS 221 P1A | 5.270 | 3,0 | 25 | 0,035 |
| FS 251 P1A | 6.430 | 3,0 | 30 | 0,050 |
| FS 281 P1A | 8.080 | 4,0 | 40 | 0,080 |
| FS 311 P1A | 10.370 | 5,5 | 45 | 0,140 |
| FS 351 P1A | 13.160 | 7,5 | 71 | 0,220 |
| FS 401 P1A | 19.680 | 9,2 | 85 | 0,400 |
| FS 451 P1A | 25.530 | 11,0 | 100 | 0,750 |
| FS 501 P1A | 31.240 | 15,0 | 140 | 1,230 |
| FS 561 P1A | 38.010 | 18,5 | 170 | 2,150 |
| FS 631 P1A | 48.400 | 22,0 | 220 | 3,500 |
| FS 711 P1A | 61.820 | 30,0 | 280 | 6,000 |
| FS 801 P1A | 79.200 | 45,0 | 355 | 9,800 |
| FS 901 P1A | 107.240 | 45,0 | 435 | 18,500 |
| FS 1001 P1A | 131.620 | 55,0 | 570 | 32,500 |

¹ Pro provedení 1 a montážní polohy LG270 nebo RD270 / For arrangement 1 and LG270 or RD270 position

² Moment setrvačnosti oběžného kola / Impeller's moment of inertia

ZÁKLADOVÝ RÁM PROVEDENÍ 1 / SUPPORTS FOR ARRANGEMENT 1

| Typ Model | 251 | 281-311 | 351 | 401-451 | 501 | 561 | 631 | 711 | 801-901 | 1001 |
|--------------------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Typ rámu Support type | ST 47 AL19 | ST 62 AL24 | ST 80 AL28 | ST 90 AL38 | ST 100 AL42 | ST 110 AL48 | ST 110 BL48 | SN 120 BL48 | ST 130 BL55 | SN 516 BL65 |

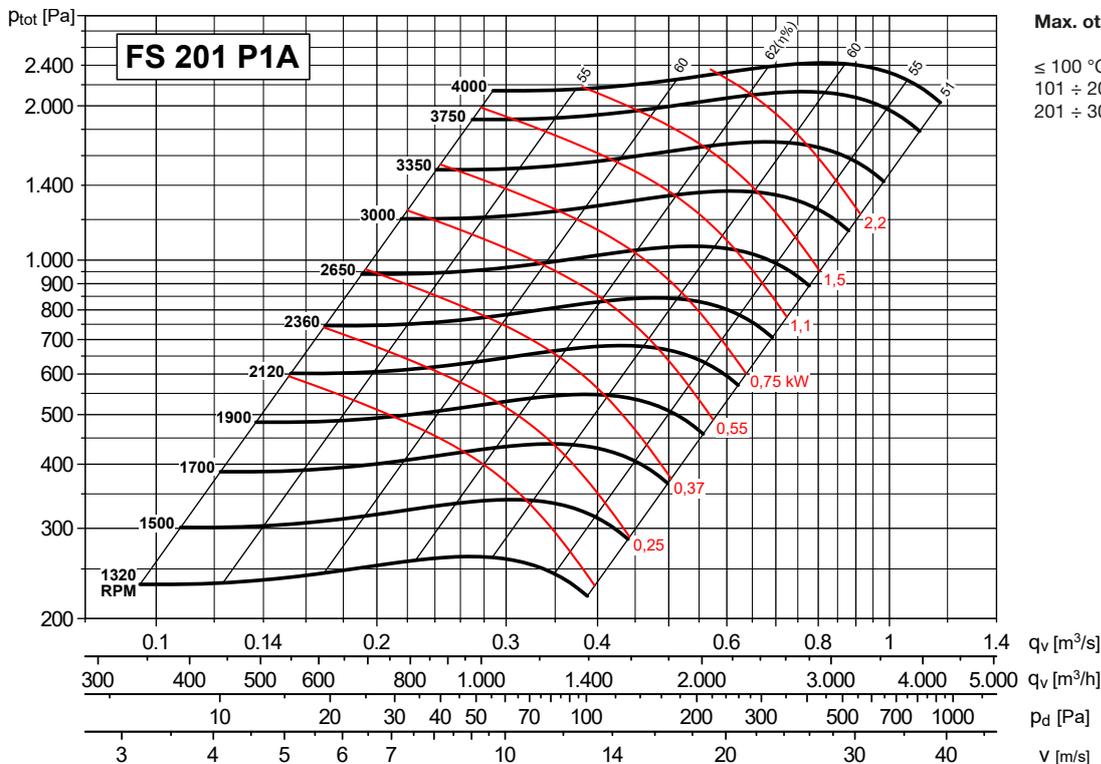
Viz další informace / See additional information

VELIKOST MOTORU PROVEDENÍ 9 / MOTOR SIZE FOR ARRANGEMENT 9

| Typ Model | 251 | 281-311 | 351-451 | 501-631 | 711-901 | 1001 |
|-------------------------------|---------|----------|-----------|------------|----------|----------|
| Velikost motoru Motor size | ≤ 90 L2 | ≤ 112 M2 | ≤ 132 MB4 | ≤ 160 L4-6 | ≤ 180 L6 | ≤ 200 L6 |

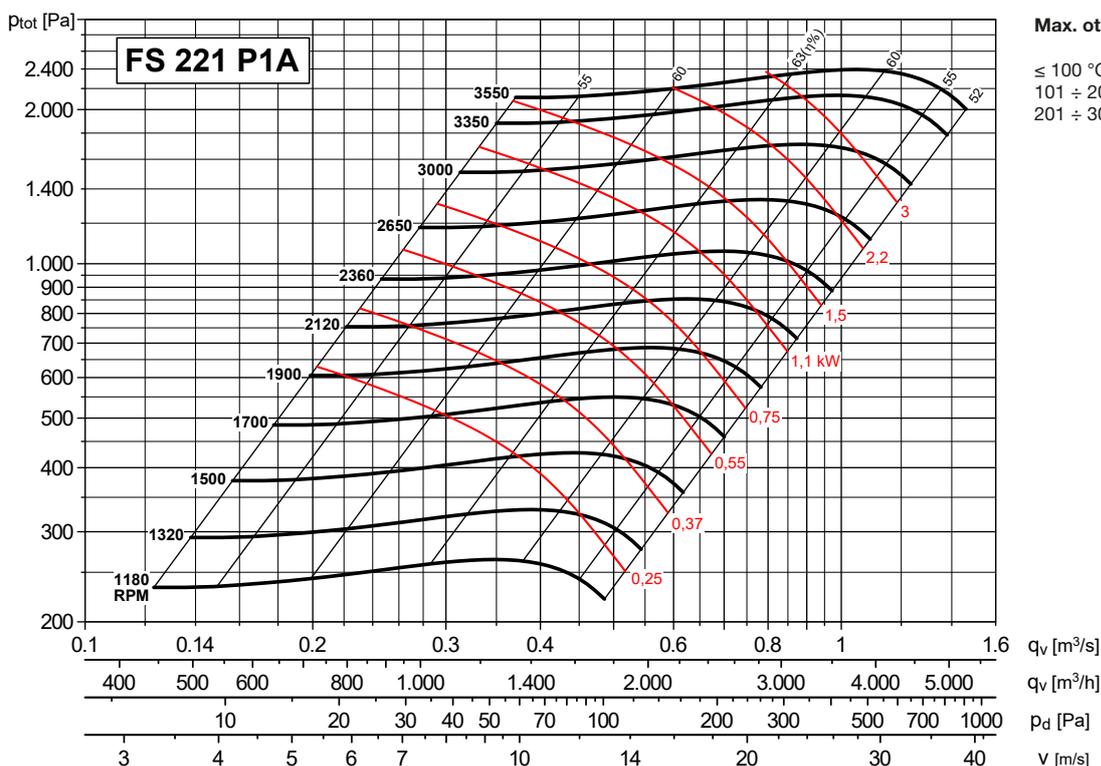
CHARAKTERISTIKY (na výtlaku) / PERFORMANCE CURVES (at outlet)

- p_{tot} : celkový tlak v Pa
- p_{tot} : total pressure in Pa



Max. otáčky

- ≤ 100 °C = 4000 ot/min
- 101 ÷ 200 °C = 3550 ot/min
- 201 ÷ 300 °C = 3150 ot/min

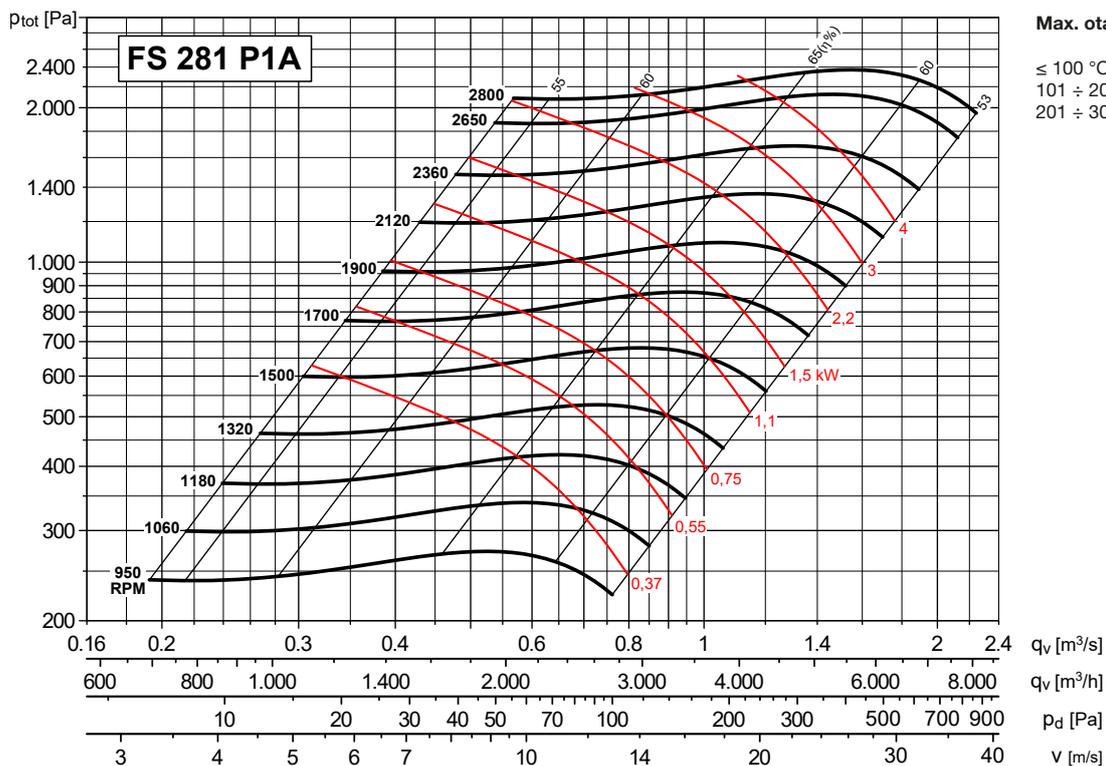
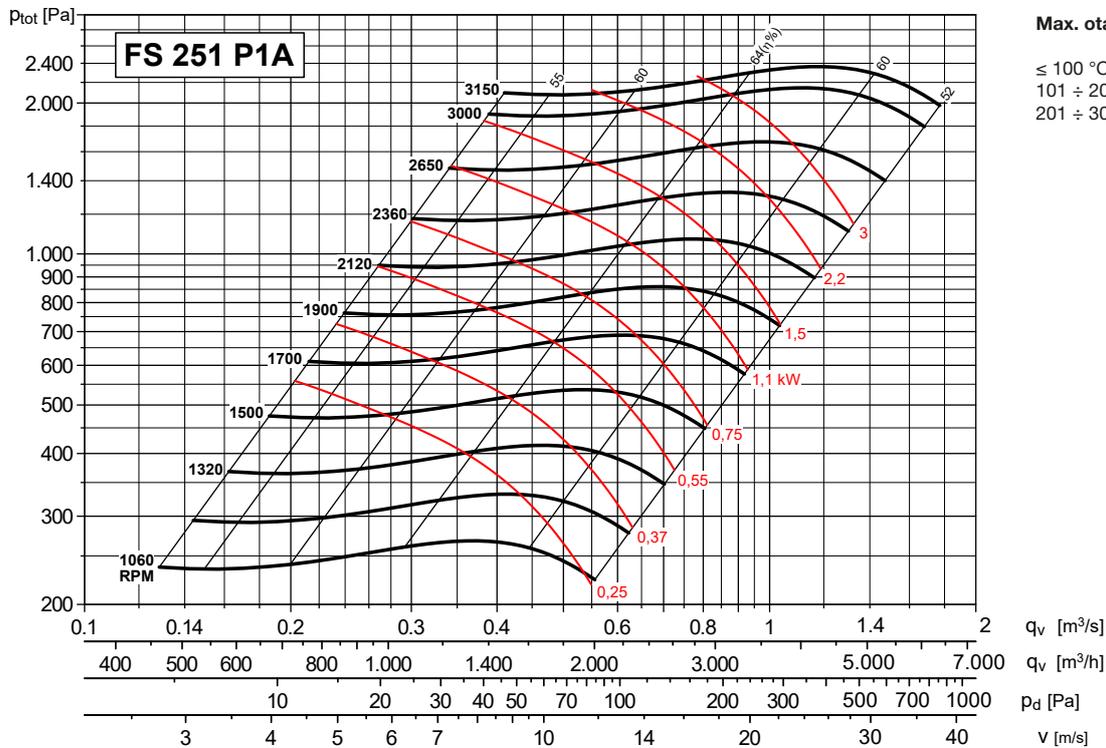


Max. otáčky

- ≤ 100 °C = 3550 ot/min
- 101 ÷ 200 °C = 3150 ot/min
- 201 ÷ 300 °C = 2800 ot/min

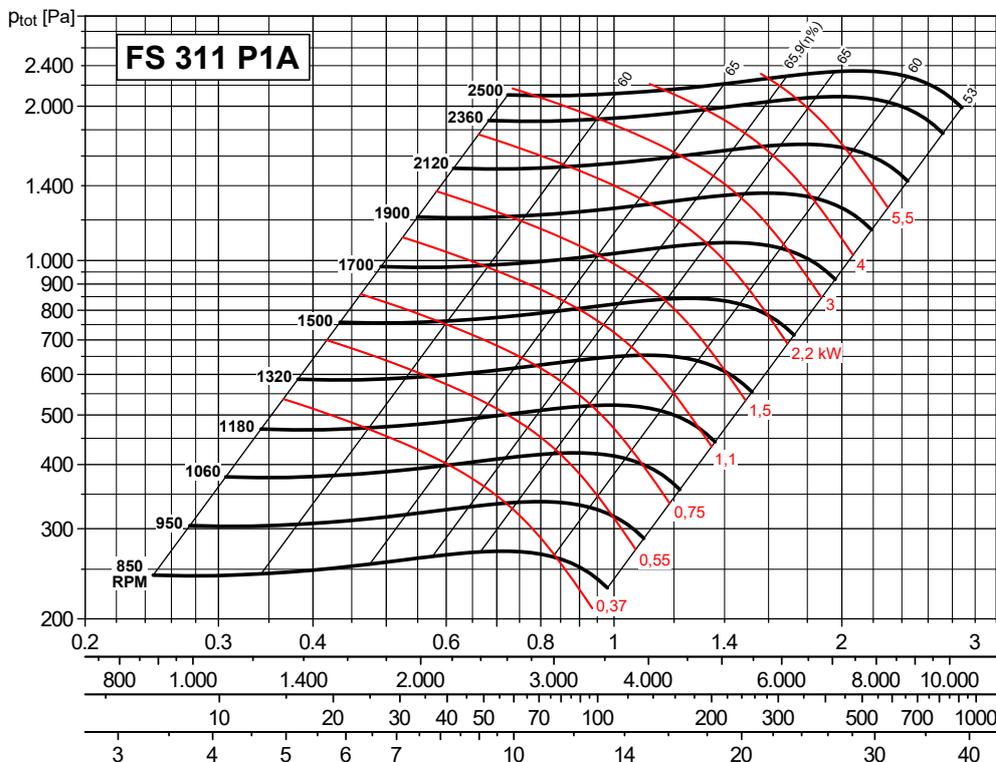
CHARAKTERISTIKY (na výtlaku) / PERFORMANCE CURVES (at outlet)

- p_{tot} : celkový tlak v Pa
- p_{tot} : total pressure in Pa



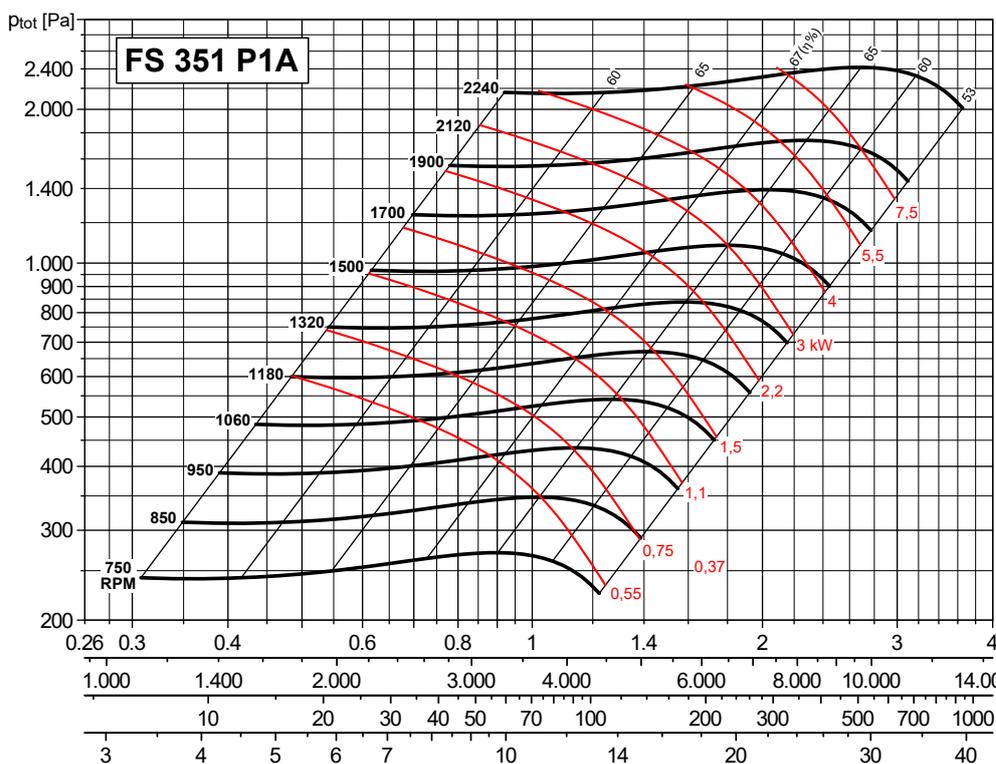
CHARAKTERISTIKY (na výtaku) / PERFORMANCE CURVES (at outlet)

- p_{tot} : celkový tlak v Pa
- p_{tot} : total pressure in Pa



Max. otáčky

≤ 100 °C = 2500 ot/min
101 ÷ 200 °C = 2240 ot/min
201 ÷ 300 °C = 2000 ot/min

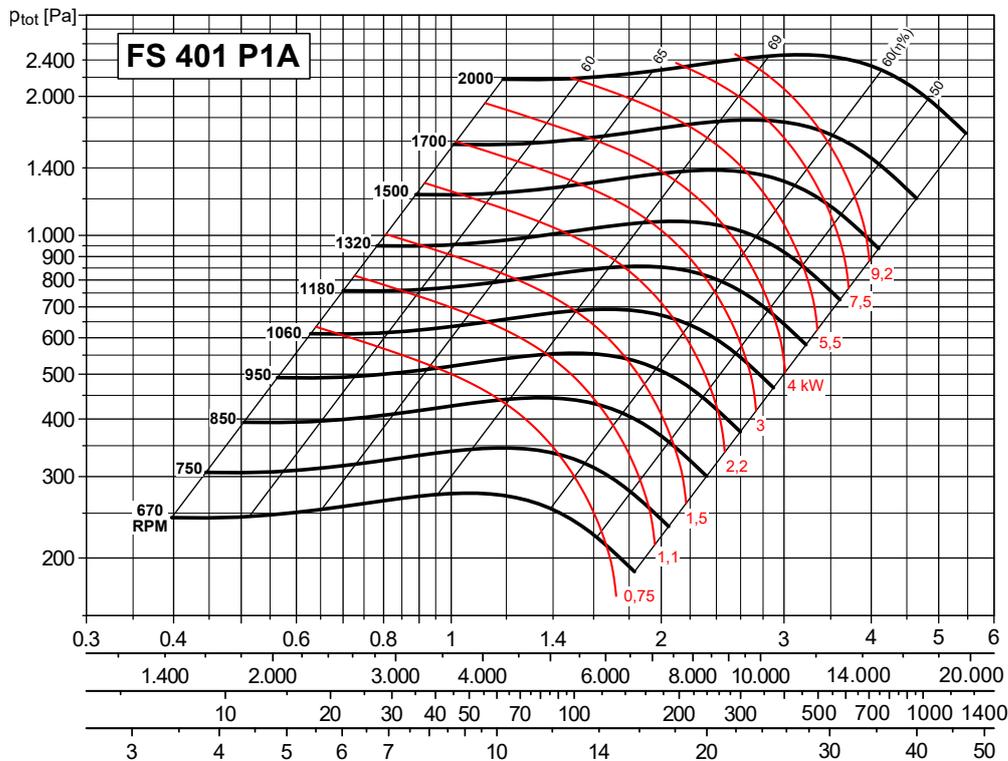


Max. otáčky

≤ 100 °C = 2240 ot/min
101 ÷ 200 °C = 2000 ot/min
201 ÷ 300 °C = 1800 ot/min

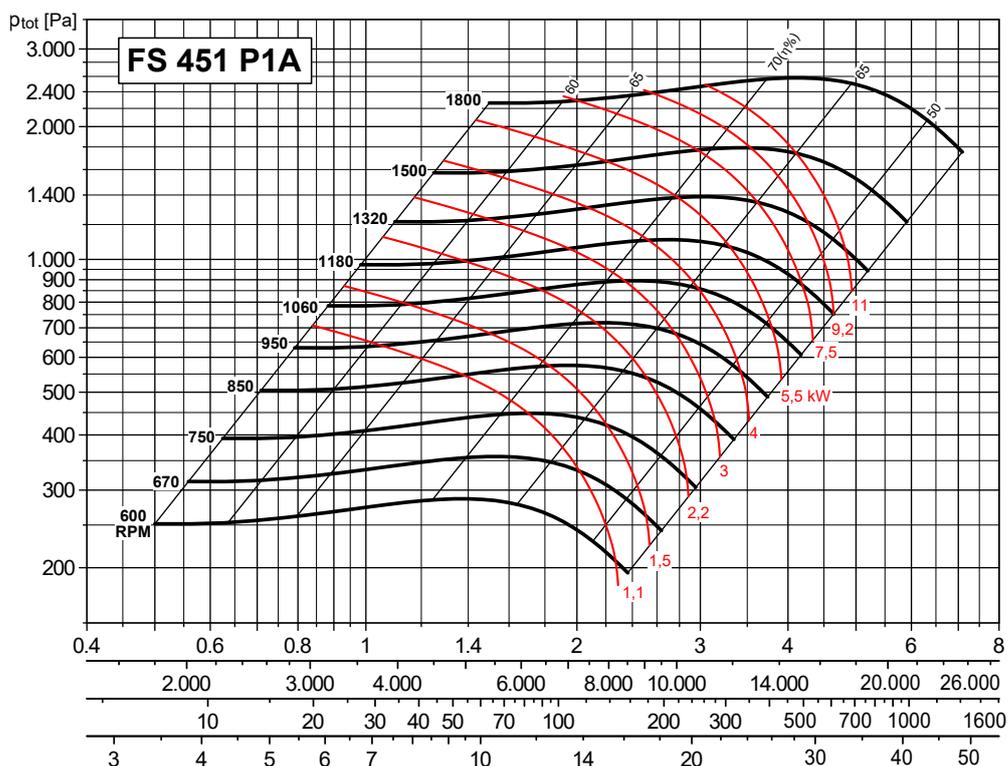
CHARAKTERISTIKY (na výtaku) / PERFORMANCE CURVES (at outlet)

- p_{tot} : celkový tlak v Pa
- p_{tot} : total pressure in Pa



Max. otáčky

- ≤ 100 °C = 2000 ot/min
- 101 ÷ 200 °C = 1800 ot/min
- 201 ÷ 300 °C = 1600 ot/min

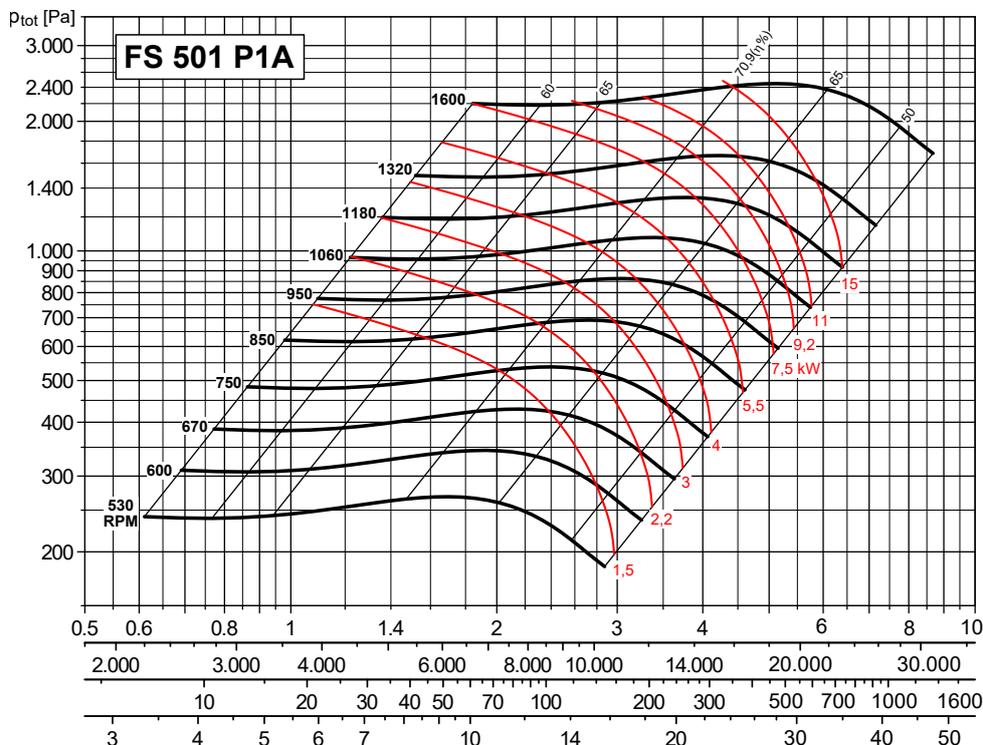


Max. otáčky

- ≤ 100 °C = 1800 ot/min
- 101 ÷ 200 °C = 1600 ot/min
- 201 ÷ 300 °C = 1400 ot/min

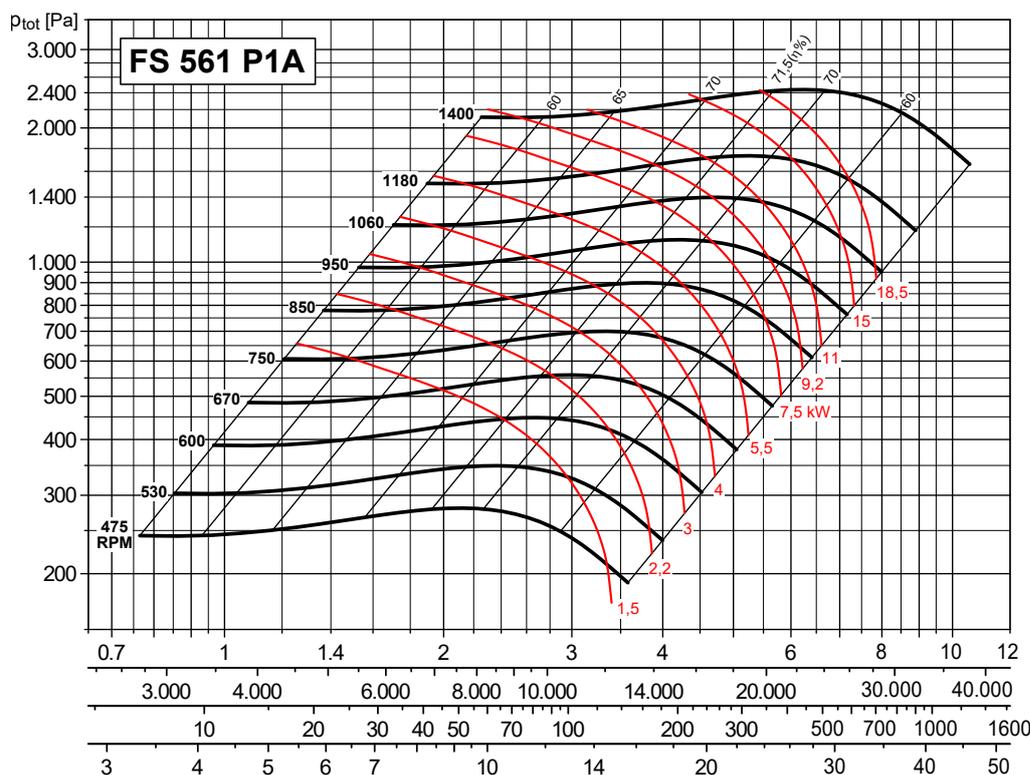
CHARAKTERISTIKY (na výtlaku) / PERFORMANCE CURVES (at outlet)

- p_{tot} : celkový tlak v Pa
- p_{tot} : total pressure in Pa



Max. otáčky

- ≤ 100 °C = 1600 ot/min
- 101 ÷ 200 °C = 1400 ot/min
- 201 ÷ 300 °C = 1250 ot/min

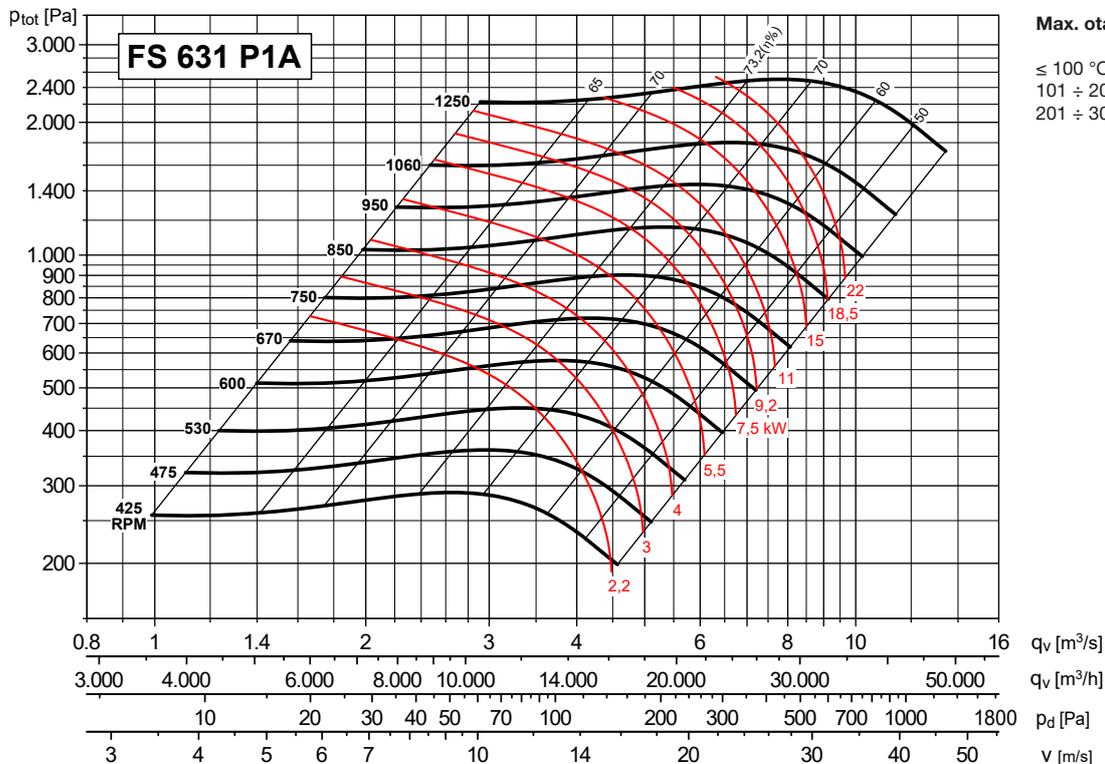


Max. otáčky

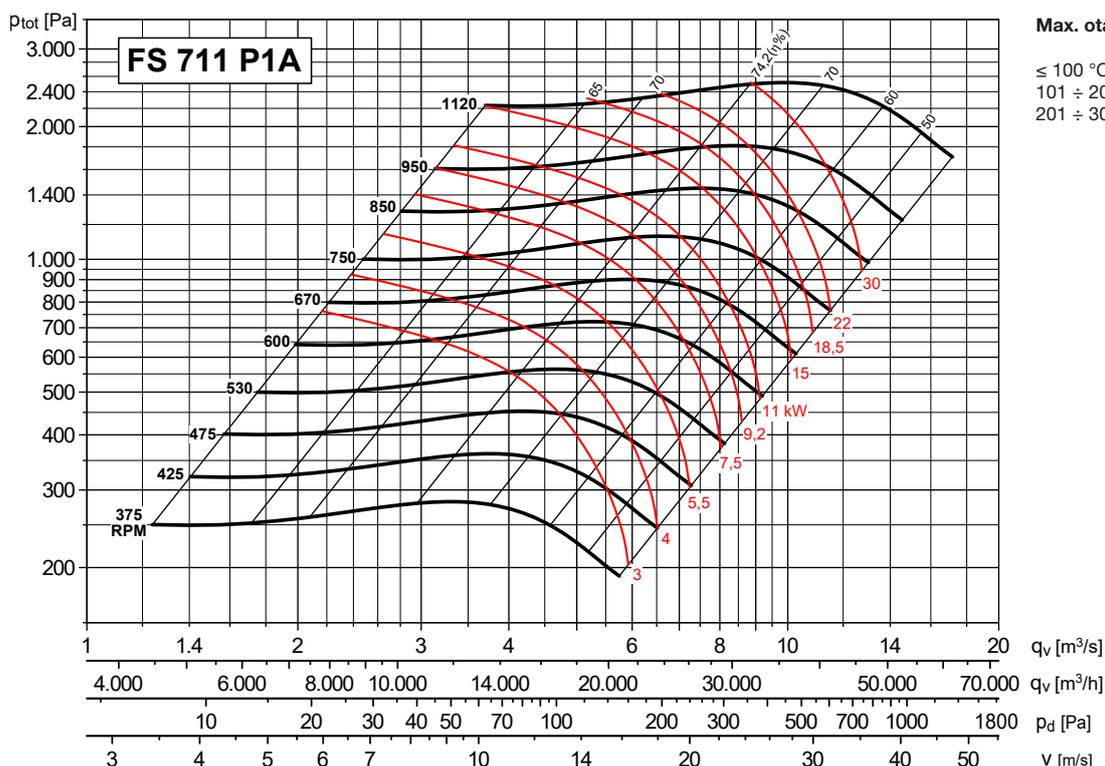
- ≤ 100 °C = 1400 ot/min
- 101 ÷ 200 °C = 1250 ot/min
- 201 ÷ 300 °C = 1120 ot/min

CHARAKTERISTIKY (na výtaku) / PERFORMANCE CURVES (at outlet)

- p_{tot} : celkový tlak v Pa
- p_{tot} : total pressure in Pa



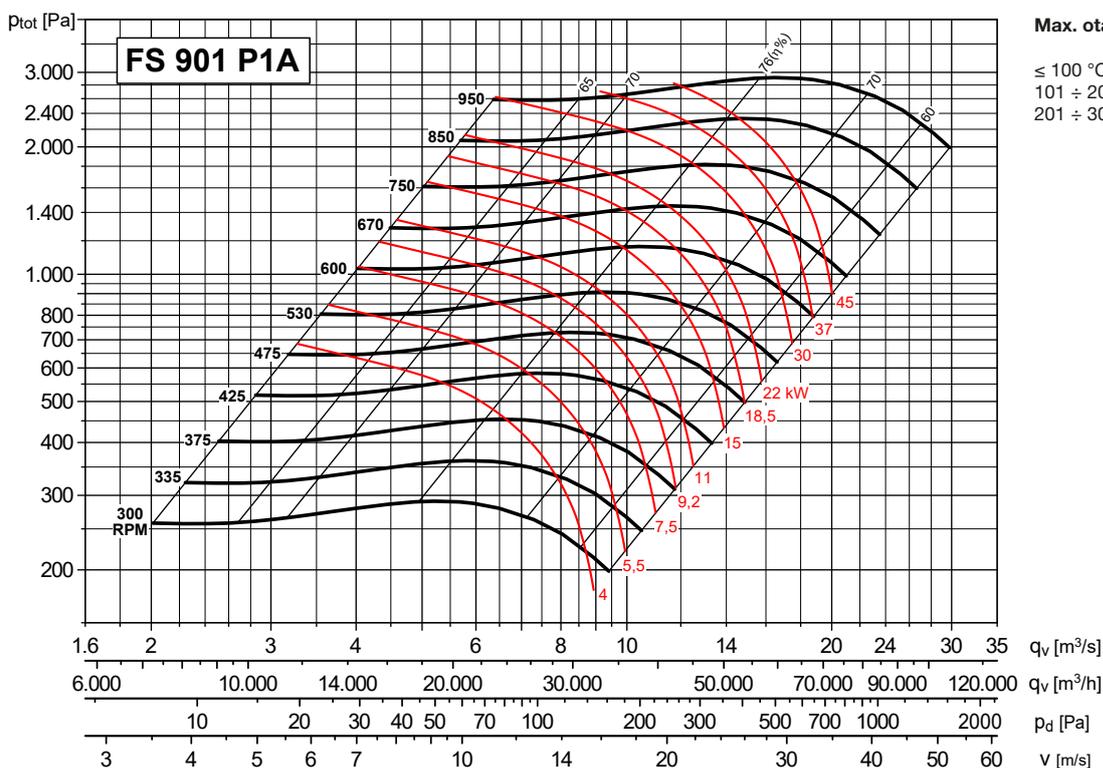
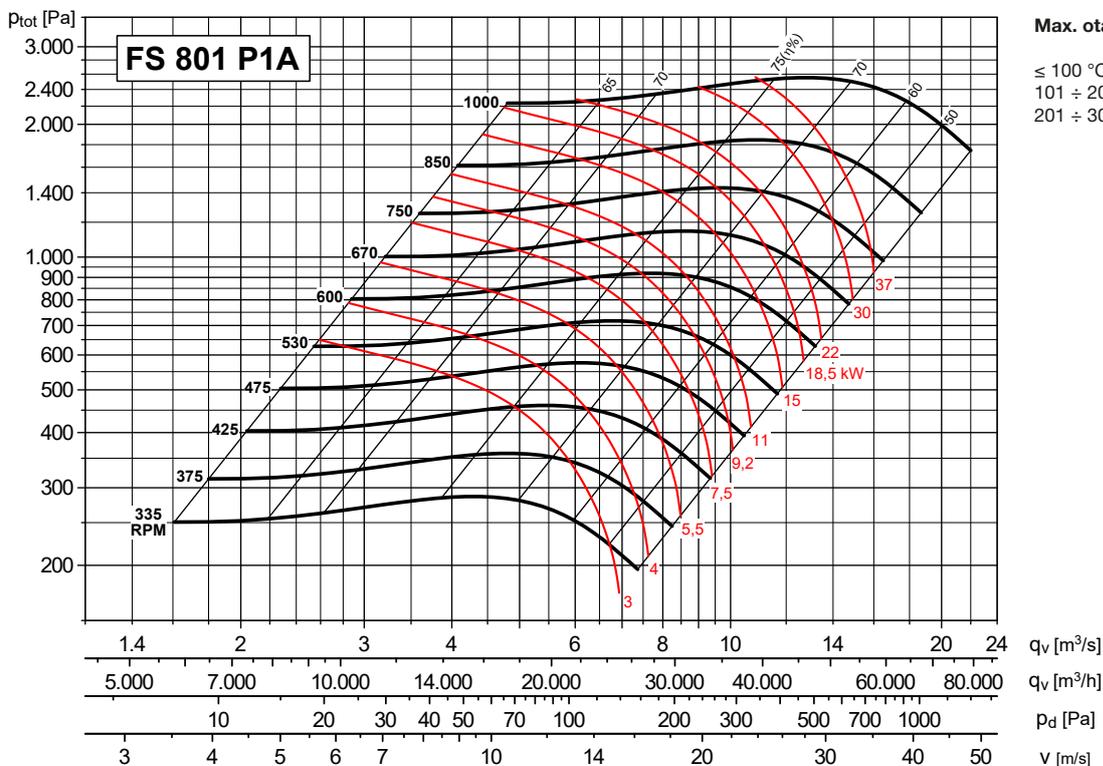
Max. otáčky
 $\leq 100\text{ °C} = 1250\text{ ot/min}$
 $101 \div 200\text{ °C} = 1120\text{ ot/min}$
 $201 \div 300\text{ °C} = 1000\text{ ot/min}$



Max. otáčky
 $\leq 100\text{ °C} = 1120\text{ ot/min}$
 $101 \div 200\text{ °C} = 1000\text{ ot/min}$
 $201 \div 300\text{ °C} = 900\text{ ot/min}$

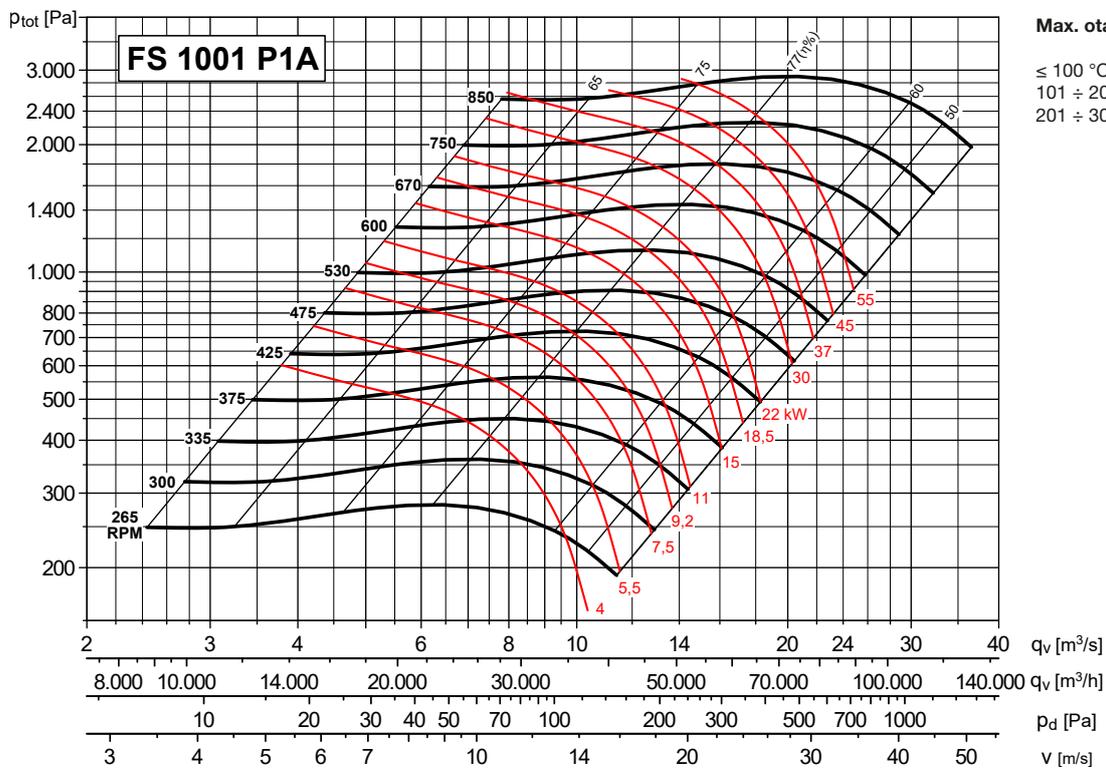
CHARAKTERISTIKY (na výtlaku) / PERFORMANCE CURVES (at outlet)

- p_{tot} : celkový tlak v Pa
- p_{tot} : total pressure in Pa



CHARAKTERISTIKY (na výtlaku) / PERFORMANCE CURVES (at outlet)

- p_{tot} : celkový tlak v Pa
- p_{tot} : total pressure in Pa



Max. otáčky
 $\leq 100\text{ }^\circ\text{C} = 800\text{ ot/min}$
 $101 \div 200\text{ }^\circ\text{C} = 710\text{ ot/min}$
 $201 \div 300\text{ }^\circ\text{C} = 630\text{ ot/min}$

ROZMĚRY (mm) - velikosti 201 až 501 / DIMENSIONS (mm) - models from 201 to 501

**NASTAVITELNÝ VÝTLAK
DISCHARGE ADJUSTABLE**

PROVEDENÍ B
Rozměry provedení s chladicím kotoučem na vyžádání.

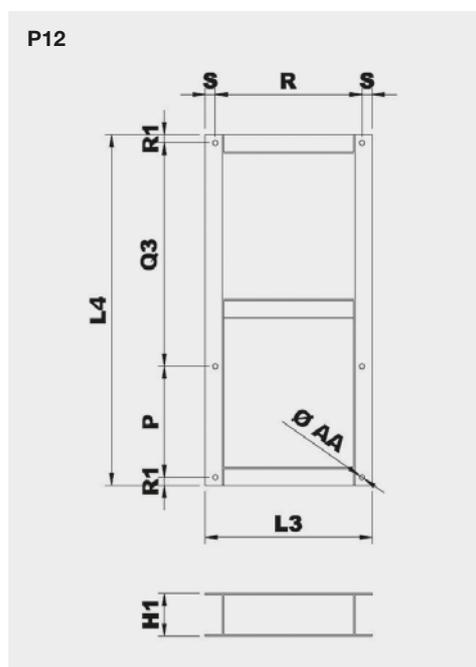
CONFIGURATION B
With cooling impeller, please contact our technical office.

MONTÁŽNÍ POLOHY / POSITIONS

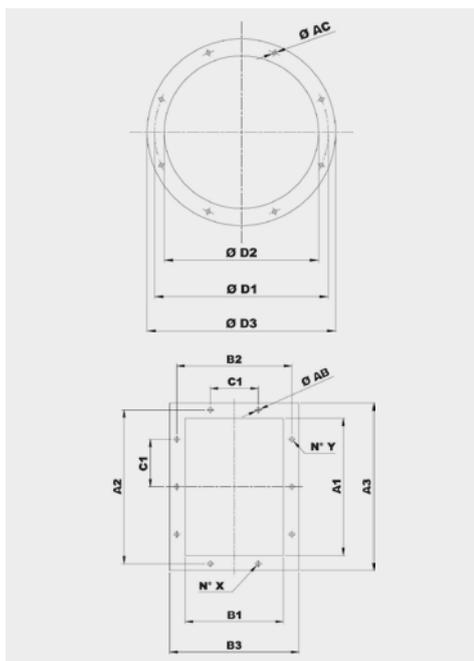
| | | | | | | | | | |
|----|----|-----|-----|------|------|------|------|------|--|
| LG | 0° | 45° | 90° | 135° | 180° | 225° | 270° | 315° | |
| | | | | | | | | | |
| RD | 0° | 45° | 90° | 135° | 180° | 225° | 270° | 315° | |
| | | | | | | | | | |
| H | H1 | | | H2 | | | H3 | | |

Na ventilátory v polohách 180° a 225° se informujte v technickém oddělení
For fans with 180° and 225° positions, please contact our technical office

| Typ ventilátoru Fan type | Ventilátor Fan | | | | | | | | | | | Hřídel Shaft | | Montážní podstavec Base | | | | | | | | | |
|-----------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----------------|-----|----------------------------|-----|----|-----|-----|-----|----|-----|----|-----|
| | A | B | C | ØD1 | E | F | G | H | | | HT | mxl | Y | LT | L | ØD | L2 | P | M | Q | R | S | ØAA |
| FS 201 P1A | 524 | 200 | 175 | 241 | 120 | 165 | 75 | 265 | 165 | 265 | 440 | M6X16 | 95 | 365 | 255 | 19 | 40 | 228 | 282 | 55 | 210 | 17 | 10 |
| FS 221 P1A | 544 | 220 | 195 | 265 | 135 | 180 | 84 | 300 | 180 | 300 | 495 | M6X16 | 95 | 400 | 255 | 19 | 40 | 228 | 282 | 55 | 210 | 17 | 10 |
| FS 251 P1A | 594 | 245 | 210 | 292 | 150 | 195 | 93 | 315 | 195 | 315 | 525 | M8X20 | 95 | 440 | 255 | 19 | 40 | 228 | 282 | 55 | 210 | 17 | 10 |
| FS 281 P1A | 659 | 270 | 235 | 332 | 171 | 200 | 104 | 375 | 200 | 375 | 610 | M8X20 | 106 | 470 | 324 | 24 | 50 | 288 | 347 | 40 | 284 | 23 | 12 |
| FS 311 P1A | 684 | 300 | 260 | 366 | 196 | 225 | 116 | 400 | 225 | 400 | 660 | M8X20 | 118 | 525 | 324 | 24 | 50 | 288 | 347 | 40 | 284 | 23 | 12 |
| FS 351 P1A | 864 | 340 | 295 | 405 | 215 | 255 | 130 | 450 | 255 | 450 | 745 | M8X20 | 132 | 595 | 400 | 28 | 60 | 355 | 485 | 50 | 407 | 28 | 14 |
| FS 401 P1A | 913 | 375 | 330 | 448 | 243 | 285 | 146 | 500 | 285 | 500 | 830 | M8X20 | 148 | 660 | 400 | 38 | 80 | 355 | 485 | 50 | 407 | 28 | 14 |
| FS 451 P1A | 949 | 425 | 370 | 497 | 273 | 320 | 162 | 560 | 320 | 560 | 930 | M8X25 | 165 | 745 | 400 | 38 | 80 | 355 | 485 | 50 | 407 | 28 | 14 |
| FS 501 P1A | 1099 | 470 | 410 | 551 | 301 | 360 | 182 | 600 | 360 | 600 | 1010 | M8X25 | 185 | 830 | 418 | 42 | 110 | 364 | 560 | 50 | 477 | 33 | 17 |



| Typ Model | Montážní podstavec provedení 12 Base frame arrangement 12 | | | | | | | | | Hmot. Weight (kg) |
|--------------|--|-----|-----|------|-----|-----|------|----|-----|-------------------------|
| | H1 | P | L3 | L4 | Q3 | R | R1 | S | ØAA | |
| 201 P12A | 80 | 228 | 244 | 700 | 445 | 210 | 13,5 | 17 | 10 | - |
| 221 P12A | 80 | 228 | 224 | 700 | 445 | 210 | 13,5 | 17 | 10 | - |
| 251 P12A | 80 | 228 | 244 | 700 | 445 | 210 | 13,5 | 17 | 10 | 6 |
| 281 P12A | 100 | 288 | 330 | 800 | 476 | 284 | 18 | 23 | 12 | 14 |
| 311 P12A | 100 | 288 | 330 | 800 | 476 | 284 | 18 | 23 | 12 | 14 |
| 351 P12A | 120 | 355 | 463 | 1010 | 610 | 407 | 22,5 | 28 | 14 | 25 |
| 401 P12A | 120 | 355 | 463 | 1010 | 610 | 407 | 22,5 | 28 | 14 | 25 |
| 451 P12A | 120 | 355 | 463 | 1010 | 610 | 407 | 22,5 | 28 | 14 | 25 |
| 501 P12A | 140 | 364 | 543 | 1150 | 732 | 477 | 27 | 33 | 17 | 34 |



| Typ Model | Příruba na sání Inlet flange | | | | | |
|-----------|---------------------------------|------|------|------|------|-----------------|
| | Vel. příruby Bride type | Ø D1 | Ø D2 | Ø D3 | Ø AC | Otvory Holes |
| 201 | 200 | 241 | 204 | 274 | 8 | 8 |
| 221 | 224 | 265 | 228 | 298 | 8 | 8 |
| 251 | 250 | 292 | 254 | 324 | 10 | 8 |
| 281 | 280 | 332 | 285 | 365 | 10 | 8 |
| 311 | 315 | 366 | 320 | 400 | 10 | 8 |
| 351 | 355 | 405 | 360 | 440 | 10 | 8 |
| 401 | 400 | 448 | 405 | 485 | 10 | 12 |
| 451 | 450 | 497 | 455 | 535 | 10 | 12 |
| 501 | 500 | 551 | 505 | 585 | 10 | 12 |

| Typ Model | Příruba na výtlaku Discharge flange | | | | | | | | | | |
|-----------|--|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| | Vel. příruby Bride type | A1 | B1 | A2 | B2 | A3 | B3 | C1 | Ø AB | N°X | N°Y |
| 201 | 200x140 | 205 | 146 | 241 | 182 | 275 | 216 | 112 | 12 | 2+2 | 2+2 |
| 221 | 224x160 | 229 | 164 | 265 | 200 | 299 | 234 | 112 | 12 | 2+2 | 2+2 |
| 251 | 250x180 | 256 | 183 | 292 | 219 | 326 | 253 | 112 | 12 | 2+2 | 3+3 |
| 281 | 280x200 | 288 | 205 | 332 | 249 | 368 | 285 | 125 | 12 | 2+2 | 3+3 |
| 311 | 315x224 | 322 | 229 | 366 | 273 | 402 | 309 | 125 | 12 | 2+2 | 3+3 |
| 351 | 355x250 | 361 | 256 | 405 | 300 | 441 | 336 | 125 | 12 | 2+2 | 3+3 |
| 401 | 400x280 | 404 | 288 | 448 | 332 | 484 | 368 | 125 | 12 | 3+3 | 4+4 |
| 451 | 450x315 | 453 | 322 | 497 | 366 | 533 | 402 | 125 | 12 | 3+3 | 4+4 |
| 501 | 500x355 | 507 | 361 | 551 | 405 | 587 | 441 | 125 | 12 | 3+3 | 4+4 |

ROZMĚRY (mm) - velikosti 561 až 631 / DIMENSIONS (mm) - models from 561 to 631

**NASTAVITELNÝ VÝTLAK
DISCHARGE ADJUSTABLE**

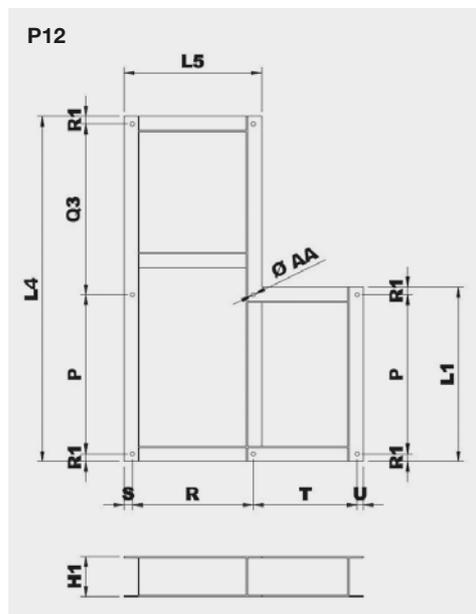
PROVEDENÍ B
Rozměry provedení s chladičím kotoučem na vyzhádání.
*CONFIGURATION B
With cooling impeller, please contact our technical office.*

MONTÁŽNÍ POLOHY / POSITIONS

| | | | | | | | | | |
|----|----|-----|-----|------|------|------|------|------|------|
| LG | 0° | 45° | 90° | 135° | 180° | 225° | 270° | 315° | |
| | RD | 0° | 45° | 90° | 135° | 180° | 225° | 270° | 315° |
| H | H1 | | | H2 | | | H3 | | |

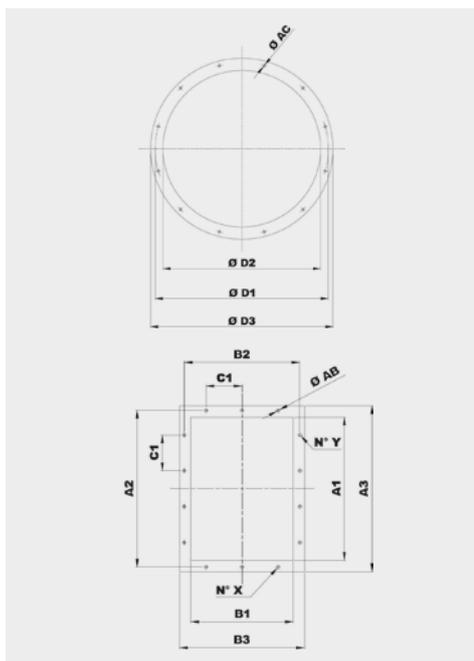
Na ventilátory v polohách 180° a 225° se informujte v technickém oddělení
For fans with 180° and 225° positions, please contact our technical office

| Typ ventilátoru Fan type | Ventilátor Fan | | | | | | | | | | Hřídel Shaft | | Montážní podstavec Base | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----------------|-------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|-----|----|------|------|
| | A | B | C | Ø D1 | E | F | G | H | | | HT | mxl | Y | LT | L | Ø D | L2 | P | L1 | P1 | M | N | O | R | S | T | U | V | Ø AA |
| FS 561 P1A | 1150 | 525 | 455 | 629 | 331 | 400 | 204 | 670 | 400 | 670 | 1125 | M8X30 | 258 | 925 | 686 | 48 | 110 | 632 | 692 | 632 | 560 | 412 | 53 | 477 | 33 | 492 | 23 | 1025 | 17 |
| FS 631 P1A | 1195 | 590 | 515 | 698 | 375 | 450 | 229 | 750 | 450 | 750 | 1265 | M8X30 | 283 | 1040 | 756 | 48 | 110 | 702 | 762 | 702 | 560 | 462 | 53 | 477 | 33 | 542 | 23 | 1075 | 17 |



| Typ Model | Montážní podstavec provedení 12 Base frame arrangement 12 | | | | | | | | | | | | Hmot. Weight (kg) |
|-----------|--|-----|-----|-------|-----|------|-----|----|----|-----|----|------|----------------------|
| | H1 | P | L1 | L4 | L5 | Q3 | R | R1 | S | T | U | Ø AA | |
| 561 P12A | 160 | 632 | 692 | 1370 | 543 | 678 | 477 | 30 | 33 | 492 | 23 | 17 | 52 |
| 631 P12A | 160 | 702 | 762 | 1470* | 543 | 708* | 477 | 30 | 33 | 542 | 23 | 17 | 56 |

* Pro velikost motoru 200 zvětšete tento rozměr o 100 mm / For motor size 200, increase this dimension 100 mm



| Typ Model | Příruba na sání Inlet flange | | | | | Otvory Holes |
|-----------|---------------------------------|------|------|------|------|--------------|
| | Vel. příruby Bride type | Ø D1 | Ø D2 | Ø D3 | Ø AC | |
| 561 | 560 | 629 | 566 | 666 | 10 | 12 |
| 631 | 630 | 698 | 636 | 736 | 10 | 12 |

| Typ Model | Příruba na výtlaku Discharge flange | | | | | | | | | | |
|-----------|--|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| | Vel. příruby Bride type | A1 | B1 | A2 | B2 | A3 | B3 | C1 | Ø AB | N°X | N°Y |
| 561 | 560x400 | 569 | 404 | 629 | 464 | 669 | 504 | 160 | 14 | 3+3 | 4+4 |
| 631 | 630x450 | 638 | 453 | 698 | 513 | 738 | 553 | 160 | 14 | 3+3 | 4+4 |

ROZMĚRY (mm) - velikosti 711 až 1001 / DIMENSIONS (mm) - models from 711 to 1001

**NASTAVITELNÝ VÝTLAK
DISCHARGE ADJUSTABLE**

PROVEDENÍ B
Rozměry provedení s chladicím kotoučem na vyzhádání.

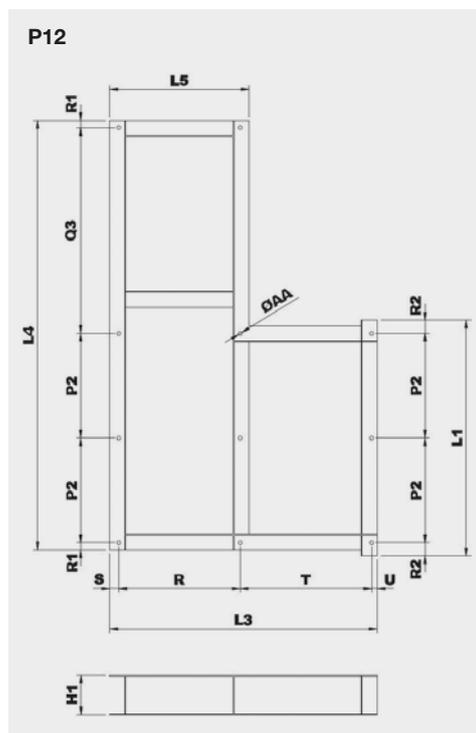
CONFIGURATION B
With cooling impeller, please contact our technical office.

MONTÁŽNÍ POLOHY / POSITIONS

| | | | | | | | | | |
|----|----|-----|-----|------|------|------|------|------|------|
| LG | 0° | 45° | 90° | 135° | 180° | 225° | 270° | 315° | |
| | RD | 0° | 45° | 90° | 135° | 180° | 225° | 270° | 315° |
| | H1 | | | H2 | | | H3 | | |

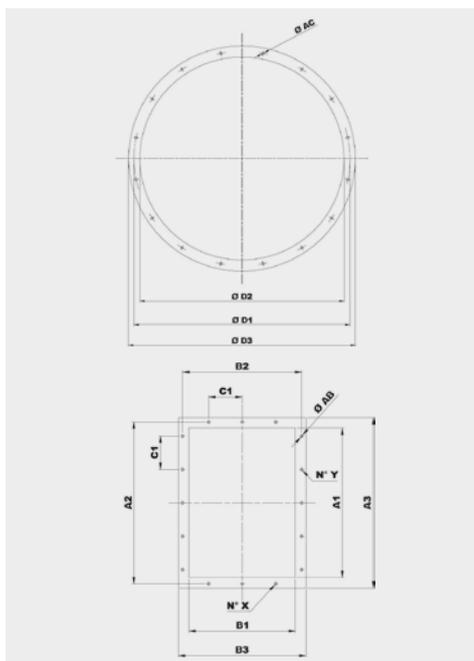
Na ventilátory v polohách 180° a 225° se informujte v technickém oddělení
For fans with 180° and 225° positions, please contact our technical office

| Typ ventilátoru Fan type | Ventilátor Fan | | | | | | | | | | Hřídel Shaft | | Montážní podstavec Base | | | | | | | | | | | | | | | |
|-----------------------------|-------------------|-----|-----|------|-----|-----|-----|-----|-----|------|-----------------|--------|----------------------------|------|------|-----|-----|------|-----|-----|----|-----|-----|----|-----|----|------|------|
| | A | B | C | Ø D1 | E | F | G | H | | | HT | mxl | Y | LT | L | Ø D | L2 | L1 | M | N | O | P2 | R | S | T | U | V | Ø AA |
| FS 711 P1A | 1355 | 665 | 565 | 775 | 431 | 500 | 255 | 670 | 500 | 850 | 1415 | M10X30 | 314 | 1165 | 836 | 48 | 110 | 896 | 650 | 507 | 60 | 386 | 551 | 39 | 600 | 27 | 1217 | 19 |
| FS 801 P1A | 1415 | 740 | 630 | 861 | 482 | 560 | 286 | 750 | 560 | 950 | 1580 | M10X30 | 345 | 1300 | 926 | 55 | 110 | 986 | 650 | 569 | 60 | 431 | 551 | 39 | 662 | 27 | 1279 | 19 |
| FS 901 P1A | 1485 | 830 | 705 | 958 | 543 | 630 | 321 | 850 | 630 | 1060 | 1765 | M10X30 | 379 | 1460 | 1026 | 55 | 110 | 1086 | 650 | 638 | 60 | 481 | 551 | 39 | 772 | 27 | 1348 | 19 |
| FS 1001 P1A | 1645 | 935 | 795 | 1067 | 610 | 710 | 359 | 950 | 710 | 1180 | 1975 | M10X30 | 413 | 1645 | 1128 | 65 | 140 | 1188 | 707 | 715 | 60 | 528 | 607 | 45 | 803 | 27 | 1482 | 19 |



| Typ Model | Montážní podstavec provedení 12 Base frame arrangement 12 | | | | | | | | | | | | | Hmot. Weight (kg) |
|--------------|--|-----|------|------|-------|-----|------|-----|----|----|----|-----|------|-------------------------|
| | H1 | P2 | L1 | L3 | L4 | L5 | Q3 | R | R1 | R2 | S | T | Ø AA | |
| 711 P12A | 180 | 386 | 896 | 1220 | 1643 | 629 | 807 | 551 | 32 | - | 39 | 600 | 19 | 87 |
| 801 P12A | 180 | 431 | 986 | 1282 | 1768* | 629 | 842* | 551 | 32 | - | 39 | 662 | 19 | 93 |
| 901 P12A | 180 | 481 | 1086 | 1351 | 2013 | 629 | 987 | 551 | 32 | 32 | 39 | 731 | 19 | 102 |
| 1001 P12A | 200 | 528 | 1188 | 1485 | 2164 | 697 | 1036 | 607 | 36 | 66 | 45 | 803 | 19 | 128 |

* Pro velikosti motoru 250-280 zvětšete tento rozměr o 100 mm / For motor size 250-280, increase this dimension 100 mm



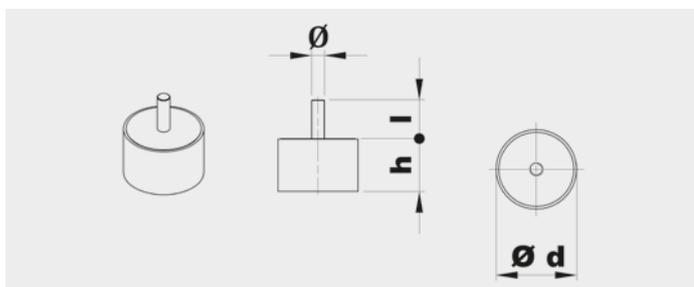
| Typ Model | Příruba na sání Inlet flange | | | | | |
|-----------|---------------------------------|------|------|------|------|-----------------|
| | Vel. příruby Bride type | Ø D1 | Ø D2 | Ø D3 | Ø AC | Otvory Holes |
| 711 | 710 | 775 | 716 | 816 | 12 | 16 |
| 801 | 800 | 861 | 806 | 906 | 12 | 16 |
| 901 | 900 | 958 | 906 | 1006 | 12 | 16 |
| 1001 | 1000 | 1067 | 1007 | 1107 | 12 | 24 |

| Typ Model | Příruba na výtlaku Discharge flange | | | | | | | | | | |
|-----------|--|------|-----|------|-----|------|-----|-----|------|------|------|
| | Vel. příruby Bride type | A1 | B1 | A2 | B2 | A3 | B3 | C1 | Ø AB | N° X | N° Y |
| 711 | 710x500 | 715 | 507 | 775 | 567 | 815 | 607 | 160 | 14 | 3+3 | 5+5 |
| 801 | 800x560 | 801 | 569 | 871 | 639 | 921 | 689 | 200 | 14 | 3+3 | 4+4 |
| 901 | 900x630 | 898 | 638 | 968 | 708 | 1018 | 758 | 200 | 14 | 4+4 | 5+5 |
| 1001 | 1000x710 | 1007 | 715 | 1077 | 785 | 1127 | 835 | 200 | 14 | 4+4 | 5+5 |

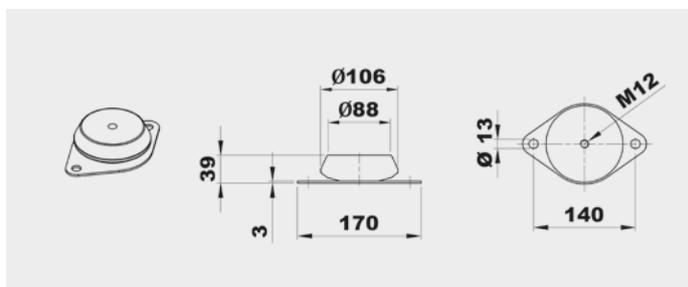
IZOLÁTORY CHVĚNÍ / SILENT BLOCKS

Doporučené izolátory chvění / Suggested silent blocks

| Ventilátor / Fan | Provedení 9 / Arrangement 9 | Provedení 12 / Arrangement 12 |
|------------------|-----------------------------|-------------------------------|
| 201 | 4 x AM 20 - 20 x 20 | 4 x AM 25 - 25 x 20 |
| 221 | 4 x AM 20 - 20 x 20 | 4 x AM 25 - 25 x 20 |
| 251 | 4 x AM 25 - 25 x 20 | 4 x AM 30 - 30 x 30 |
| 281 | 4 x AM 25 - 25 x 20 | 4 x AM 30 - 30 x 30 |
| 311 | 4 x AM 30 - 30 x 30 | 4 x AM 30 - 30 x 30 |
| 351 | 4 x AM 30 - 30 x 30 | 4 x AM 40 - 40 x 30 |
| 401 | 4 x AM 40 - 40 x 30 | 4 x AM 40 - 40 x 30 |
| 451 | 4 x AM 40 - 40 x 30 | 4 x AM 50 - 50 x 40 |
| 501 | 4 x AM 50 - 50 x 40 | 4 x AM 50 - 50 x 40 |
| 561 | 4 x AM 50 - 50 x 40 | 6 x AM 50 - 50 x 40 |
| 631 | 4 x AM 75 - 75 x 50 | 6 x AM 75 - 75 x 50 |
| 711 | 4 x AM 75 - 75 x 50 | 6 x AM 75 - 75 x 50 |
| 801 | 4 x AM 75 - 75 x 50 | 6 x AM 75 - 75 x 50 |
| 901 | 6 x AM 75 - 75 x 50 | 6 x AZ 39 - 140 x 39 |
| 1001 | 6 x AM 75 - 75 x 50 | 6 x AZ 39 - 140 x 39 |

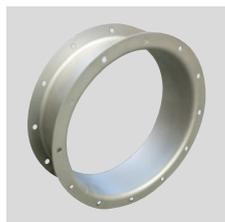


| Typ Type | Zátěž na 4 izolátory Load for 4 supports (kg) | d | h | Ø | l | Hmot. Weight (kg) |
|----------|---|----|----|-----|----|-------------------------|
| AM20 | 11÷40 | 20 | 20 | M6 | 15 | 0,02 |
| AM25 | 41÷80 | 25 | 20 | M6 | 18 | 0,03 |
| AM30 | 81÷140 | 30 | 30 | M8 | 20 | 0,05 |
| AM40 | 141÷224 | 40 | 30 | M8 | 23 | 0,10 |
| AM50 | 225÷315 | 50 | 40 | M10 | 28 | 0,20 |
| AM75 | 316÷630 | 75 | 50 | M12 | 37 | 0,50 |

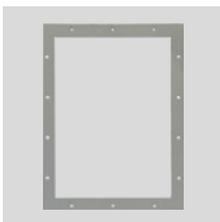


| Typ Type | Zátěž na 4 izolátory Load for 4 supports (kg) | Hmot. Weight (kg) |
|----------|---|-------------------------|
| AZ 39 | 631÷1250 | 0,7 |

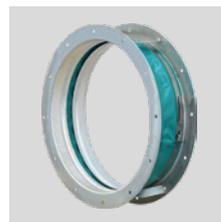
PŘÍSLUŠENSTVÍ / ACCESSORIES



CA (CFH1) - CFH2 - CFH3
Kruhová spojka s přírubou a protipřírubou.
Counter-flange - Circular flange.



CP
Čtyřhranná příruba.
Rectangular Flange.



GA
Pružná kruhová manžeta s přírubou.
Inlet flexible connector.



GP
Pružná čtyřhranná manžeta s přírubou.
Outlet flexible connector.



DP
Regulovatelná kruhová klapka na sání.
Inlet damper governor.



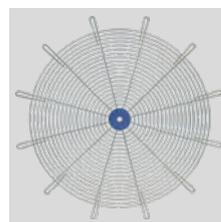
SAD
Regulovatelná čtyřhranná klapka na výtlač.
Air reducing damper at outlet.



SF
Kruhová škrticí klapka.
Throttle valve.



DF
Kruhový filtr na sání.
Air filter at inlet.



RC
Ochranná mřížka.
Protection net.



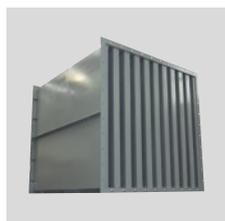
AM/AZ
Izolátory chvění.
Silent blocks.



SCSO
Kruhový tlumič hluku.
Cylindrical sound attenuator.



SCCO
Kruhový tlumič hluku s kulisou.
Cylindrical sound attenuator with internal pot.



SASS
Kulisový tlumič hluku.
Baffle type sound attenuator.



CI
Hlukově izolovaný box.
Noise enclosure.

Další informace naleznete v části "Montážní příslušenství".
For more information see "Mounting accessories".