

# KM



Oběžné kolo s dopředu zahnutými lopatkami pro transport materiálu  
Forward curved impeller for material transport

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

### Motor:

2 nebo 4pólové, 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.

\* Od 0,75 kW může být motor IE 2 a řízen frekvenčním měničem.

### Na vyžádání:

- nerez a další materiály
- dvourychlostní motory
- 60 Hz provedení
- lakované v různých barvách RAL
- ventilátor bez podstavce (provedení 5) do velikosti motoru 160
- vysokoteplotní provedení (až do 150 °C, provedení B s chladicím kotoučem)
- ventilátor s pohonem na spojku (provedení 8)
- revizní dvířka, odvod kondenzátu, ucpávka hřídele
- svařovaná spirální skříň
- tepelně izolovaná spirální skříň

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

### Motors

2 or 4 pole, IE 3\* high efficiency, 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.

\* From 0,75 kW, motor can be IE 2 and controlled by VSD.

### On request

- Manufactured from different materials.
- 2-speed motors.
- 60 Hz versions.
- Painted in different RAL colour.
- Fan with no supporting stand (Motor-Flange, Arrangement 5), up to motor size 160.
- High-temperature versions (up to 150 °C) (B versions: with cooling impeller).
- ARRANGEMENT 8: with joint flexible coupling.
- Inspection door, draining, different seals on scroll and shaft access.

### 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-T4, motor ExdIIB nebo Exell
- ⊗ 2G IIB+H2 T2-T3-T4, motor ExdIIC
- ⊗ 3G IIB T2-T3-T4, motor ExnA (pouze pro zónu 3G)
- ⊗ 3G IIB+H2 T2-T3-T4, motor ExnA (pouze pro zónu 3G)

#### • Nevodivý prach:

- ⊗ 2D IIIB T125°C-T135°C-T195°C-T295°C
- ⊗ 3D IIIB T125°C-T135°C-T195°C-T295°C

#### • Vodivý prach (povinný motor IP65):

- ⊗ 2D IIIC T125°C-T135°C-T195°C-T295°C
- ⊗ 3D IIIC T125°C-T135°C-T195°C-T295°C

#### • 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-T4, Motor Exd IIB or Exell
- ⊗ 2G IIB+H2 T2-T3-T4, Motor ExdIIC
- ⊗ 3G IIB T2-T3-T4, Motor ExnA (only for 3G zone)
- ⊗ 3G IIB+H2 T2-T3-T4, Motor ExnA (only for 3G zone)

#### • Non-conductive dust:

- ⊗ 2D IIIB T125°C-T135°C-T195°C-T295°C
- ⊗ 3D IIIB T125°C-T135°C-T195°C-T295°C

#### • Conductive dust (compulsory IP 65 motor):

- ⊗ 2D IIIC T125°C-T135°C-T195°C-T295°C
- ⊗ 3D IIIC T125°C-T135°C-T195°C-T295°C

TABULKA POUŽITÍ  
TABLE OF APPLICATIONS

| Charakter vzdušiny<br>Air Type                                                                         | Množství prachu<br>Dust quantity<br>(mg/m <sup>3</sup> ) |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Transport drobného materiálu a<br>pneumatická doprava<br>Conveying material and pneumatic<br>transport | < 50000                                                  |

### 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<br>Model    | Velikost<br>motoru<br>Motor size | Otáčky<br>Speed<br>(min <sup>-1</sup> ) | Jmenovitý<br>výkon<br>Motor power<br>(kW) | Max. proud při 400 V<br>Maximum absorbed<br>current 400 V<br>(A) | Max. průtok<br>Maximum airflow<br>(m <sup>3</sup> /h) | Akust. tlak<br>ve vzdál. 1 m<br>Sound pressure<br>level at 1 m<br>(dB(A) <sup>(1)</sup> ) | Hmot-<br>nost<br>Weight<br>(kg) <sup>(2)</sup> | Moment<br>setrvačnosti<br>Moment of inertia<br>(kg·m <sup>2</sup> ) <sup>(3)</sup> |
|-----------------|----------------------------------|-----------------------------------------|-------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------|
| 2PÓLOVÉ / 2POLE |                                  |                                         |                                           |                                                                  |                                                       |                                                                                           |                                                |                                                                                    |
| KM 221/2 R4A    | 71A2                             | 2810                                    | 0,37                                      | 0,90                                                             | 1.080                                                 | 68                                                                                        | 18                                             | 0,01                                                                               |
| KM 252/2 R4A    | 71B2                             | 2820                                    | 0,55                                      | 1,25                                                             | 1.080                                                 | 70                                                                                        | 25                                             | 0,02                                                                               |
| KM 251/2 R4A    | 80A2                             | 2830                                    | 0,75                                      | 1,59                                                             | 1.470                                                 | 71                                                                                        | 28                                             | 0,02                                                                               |
| KM 282/2 R4A    | 80B2                             | 2840                                    | 1,10                                      | 2,33                                                             | 1.510                                                 | 73                                                                                        | 32                                             | 0,03                                                                               |
| KM 281/2 R4A    | 90S2                             | 2840                                    | 1,50                                      | 3,07                                                             | 2.070                                                 | 74                                                                                        | 36                                             | 0,04                                                                               |
| KM 312/2 R4A    | 90S2                             | 2840                                    | 1,50                                      | 3,07                                                             | 2.160                                                 | 77                                                                                        | 42                                             | 0,05                                                                               |
| KM 311/2 R4A    | 90L2                             | 2850                                    | 2,20                                      | 4,43                                                             | 2.930                                                 | 78                                                                                        | 45                                             | 0,06                                                                               |
| KM 352/2 R4A    | 100LA2                           | 2900                                    | 3,00                                      | 5,77                                                             | 3.060                                                 | 80                                                                                        | 74                                             | 0,09                                                                               |
| KM 351/2 R4A    | 112M2                            | 2920                                    | 4,00                                      | 7,50                                                             | 4.320                                                 | 81                                                                                        | 79                                             | 0,11                                                                               |
| KM 402/2 R4A    | 132SA2                           | 2890                                    | 5,50                                      | 10,10                                                            | 4.250                                                 | 84                                                                                        | 107                                            | 0,16                                                                               |
| KM 401/2 R4A    | 132SB2                           | 2890                                    | 7,50                                      | 13,90                                                            | 7.270                                                 | 85                                                                                        | 113                                            | 0,20                                                                               |
| KM 452/2 R4A    | 132MB2                           | 2900                                    | 9,20                                      | 16,60                                                            | 6.120                                                 | 87                                                                                        | 140                                            | 0,30                                                                               |
| KM 451/2 R4A    | 160MR2                           | 2930                                    | 15,00                                     | 25,40                                                            | 11.040                                                | 88                                                                                        | 195                                            | 0,38                                                                               |
| 4PÓLOVÉ / 4POLE |                                  |                                         |                                           |                                                                  |                                                       |                                                                                           |                                                |                                                                                    |
| KM 452/4 R4A    | 90S4                             | 1390                                    | 1,10                                      | 2,30                                                             | 2.930                                                 | 68                                                                                        | 98                                             | 0,35                                                                               |
| KM 451/4 R4A    | 90L4                             | 1420                                    | 1,50                                      | 3,15                                                             | 5.350                                                 | 69                                                                                        | 105                                            | 0,35                                                                               |
| KM 502/4 R4A    | 100LA4                           | 1420                                    | 2,20                                      | 4,56                                                             | 4.250                                                 | 72                                                                                        | 124                                            | 0,55                                                                               |
| KM 501/4 R4A    | 100LB4                           | 1430                                    | 3,00                                      | 6,15                                                             | 6.900                                                 | 73                                                                                        | 132                                            | 0,65                                                                               |
| KM 562/4 R4A    | 112M4                            | 1425                                    | 4,00                                      | 8,20                                                             | 6.120                                                 | 75                                                                                        | 145                                            | 0,88                                                                               |
| KM 561/4 R4A    | 132SA4                           | 1440                                    | 5,50                                      | 10,30                                                            | 9.840                                                 | 76                                                                                        | 170                                            | 1,08                                                                               |
| KM 632/4 R4A    | 132MA4                           | 1450                                    | 7,50                                      | 13,90                                                            | 8.500                                                 | 79                                                                                        | 197                                            | 1,45                                                                               |
| KM 631/4 R4A    | 160M4                            | 1450                                    | 11,00                                     | 20,70                                                            | 14.090                                                | 80                                                                                        | 270                                            | 1,78                                                                               |
| KM 712/4 R4A    | 160M4                            | 1450                                    | 11,00                                     | 20,70                                                            | 12.060                                                | 83                                                                                        | 335                                            | 2,58                                                                               |
| KM 711/4 R4A    | 160L4                            | 1450                                    | 15,00                                     | 28,40                                                            | 20.230                                                | 84                                                                                        | 365                                            | 3,13                                                                               |
| KM 802/4 R4A    | 180M4                            | 1460                                    | 18,50                                     | 34,90                                                            | 17.100                                                | 86                                                                                        | 440                                            | 4,60                                                                               |
| KM 801/4 R4A    | 200L4                            | 1470                                    | 30,00                                     | 54,60                                                            | 29.440                                                | 88                                                                                        | 505                                            | 5,60                                                                               |
| KM 902/4 R4A    | 225S4                            | 1475                                    | 37,00                                     | 65,60                                                            | 24.120                                                | 91                                                                                        | 595                                            | 8,10                                                                               |
| KM 901/4 R4A    | 225M4                            | 1475                                    | 45,00                                     | 79,40                                                            | 43.450                                                | 92                                                                                        | 635                                            | 10,00                                                                              |
| KM 1002/4 R4A   | 250M4                            | 1475                                    | 55,00                                     | 96,90                                                            | 34.200                                                | 95                                                                                        | 800                                            | 14,00                                                                              |
| KM 1001/4 R4A   | 280R4                            | 1475                                    | 75,00                                     | 130,00                                                           | 60.300                                                | 96                                                                                        | 915                                            | 16,80                                                                              |

<sup>1</sup> S připojeným potrubím na straně výtlaku / Piping only on outlet side

Tolerance úrovně hluku +3 dB(A), měřeno v bodě maximální účinnosti / Noise level tolerance +3 dB(A), measured in the maximum efficiency point

<sup>2</sup> Včetně motoru a pro montážní polohy LG270 nebo RD270 / With motor included and for LG270 or RD270 position

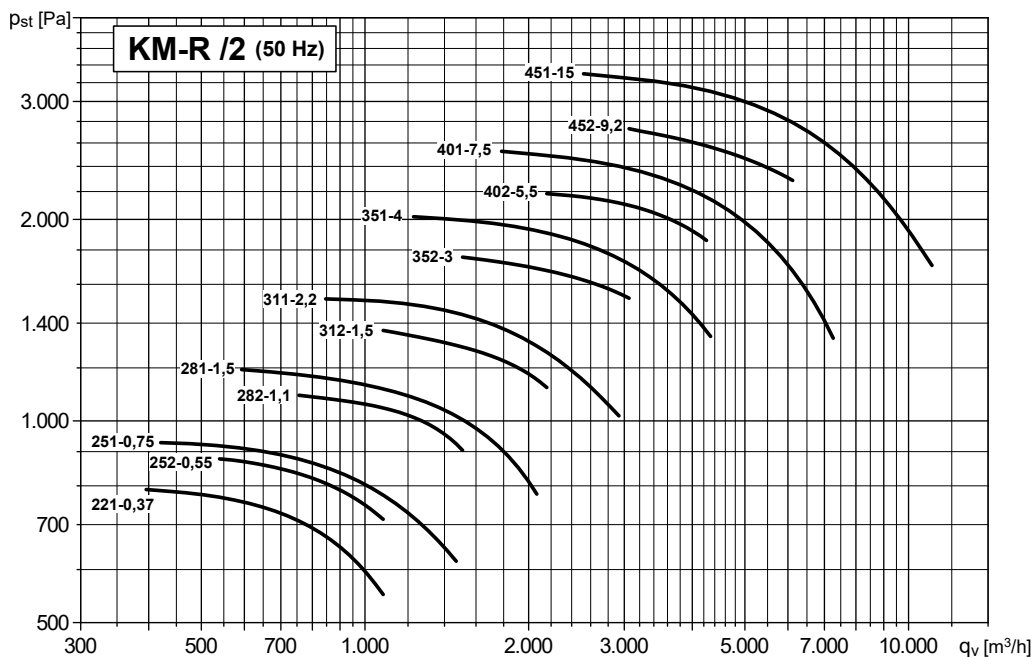
<sup>3</sup> Moment setrvačnosti oběžného kola / Impeller's moment of inertia

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

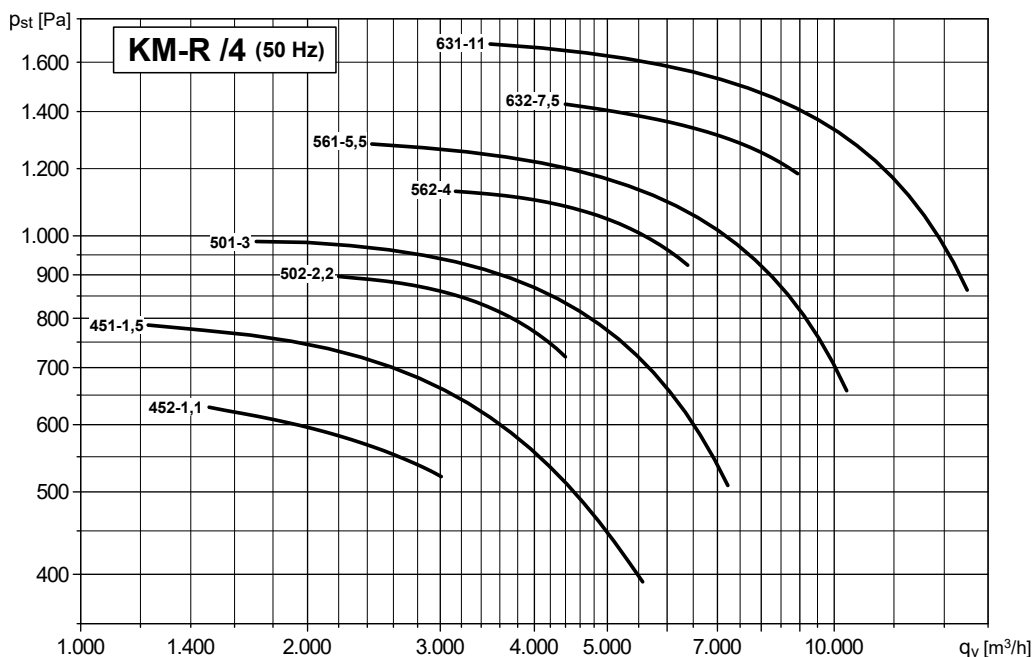
- ventilátor osazen potrubím na sání i výtlaku
- průtok vzduchu v m<sup>3</sup>/h
- p<sub>st</sub>: statický tlak v Pa
- velikost - výkon motoru v kW
- příklad: 401 - 7,5
- velikost - kW

- fan ducted on both inlet and outlet sides
- air volume in m<sup>3</sup>/h
- p<sub>st</sub>: Static pressure in Pa
- model - motor power in kW
- example: 401 - 7,5
- model - kW

2pólové - velikosti 221 až 451  
2pole - models from 221 to 451



4pólové - velikosti 452 až 631  
4pole - models from 452 to 631



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

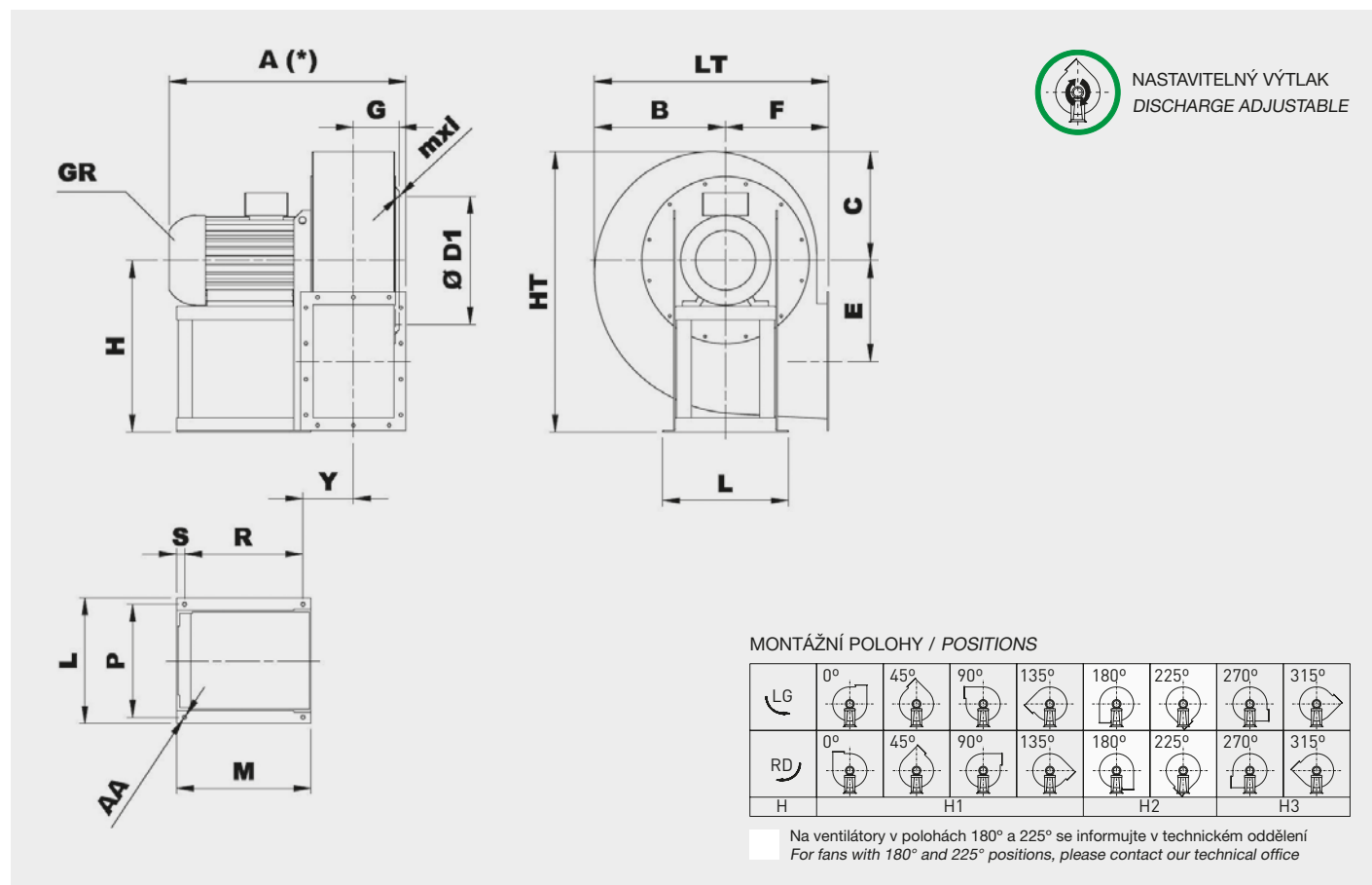
- ventilátor osazen potrubím na sání i výtlaku
- průtok vzduchu v m<sup>3</sup>/h
- p<sub>st</sub>: statický tlak v Pa
- velikost - výkon motoru v kW
- příklad: 401 - 7,5  
velikost - kW

- fan ducted on both inlet and outlet sides
- air volume in m<sup>3</sup>/h
- p<sub>st</sub>: Static pressure in Pa
- model - motor power in kW
- example: 401 - 7,5  
model - kW

4pólové - velikosti 712 až 1001  
 4pole - models from 712 to 1001



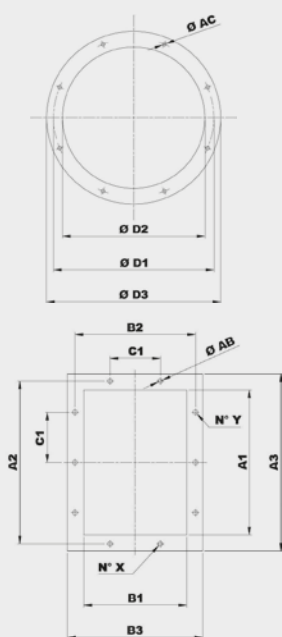
### ROZMĚRY (mm) - velikosti 221 až 501 / DIMENSIONS (mm) - models from 221 to 501



| Typ<br>Type       |                | Ventilátor<br>Fan |     |     |      |     |     |     |     |     |     |      |     |       | Montážní podstavec<br>Base |     |     |     |     |    | Provedení 4B <sup>(1)</sup><br>Arrangement 4B <sup>(1)</sup> |     |     |     |     |
|-------------------|----------------|-------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|-----|-------|----------------------------|-----|-----|-----|-----|----|--------------------------------------------------------------|-----|-----|-----|-----|
| Ventilátor<br>Fan | Motor<br>Motor | A*                | B   | C   | Ø D1 | E   | F   | G   | H1  | H2  | H3  | HT   | LT  | mxl   | Y                          | L   | P   | M   | R   | S  | Ø AA                                                         | A*  | Y   | R   | M   |
| KM 221/2 R4A      | 71A2           | 350               | 220 | 195 | 165  | 176 | 180 | 63  | 300 | 180 | 300 | 495  | 400 | M6X16 | 100                        | 225 | 203 | 215 | 156 | 14 | 10                                                           | 389 | 100 | 156 | 215 |
| KM 251/2 R4A      | 80A2           | 410               | 245 | 210 | 219  | 176 | 195 | 79  | 315 | 195 | 315 | 525  | 440 | M6X16 | 121                        | 225 | 203 | 225 | 166 | 14 | 10                                                           | 455 | 121 | 166 | 225 |
| KM 252/2 R4A      | 71B2           | 380               | 245 | 210 | 219  | 176 | 195 | 79  | 315 | 195 | 315 | 525  | 440 | M6X16 | 121                        | 225 | 203 | 215 | 156 | 14 | 10                                                           | 417 | 121 | 156 | 215 |
| KM 281/2 R4A      | 90S2           | 440               | 270 | 235 | 241  | 202 | 200 | 88  | 375 | 200 | 375 | 610  | 470 | M6X16 | 145                        | 260 | 234 | 260 | 183 | 17 | 10                                                           | 485 | 145 | 183 | 260 |
| KM 282/2 R4A      | 80B2           | 420               | 270 | 235 | 241  | 202 | 200 | 88  | 375 | 200 | 375 | 610  | 470 | M6X16 | 130                        | 225 | 203 | 225 | 166 | 14 | 10                                                           | 465 | 130 | 166 | 225 |
| KM 311/2 R4A      | 90L2           | 480               | 300 | 260 | 265  | 230 | 225 | 99  | 400 | 225 | 400 | 660  | 525 | M6X16 | 155                        | 260 | 234 | 260 | 183 | 17 | 10                                                           | 525 | 155 | 183 | 260 |
| KM 312/2 R4A      | 90S2           | 450               | 300 | 260 | 265  | 230 | 225 | 99  | 400 | 225 | 400 | 660  | 525 | M6X16 | 155                        | 260 | 234 | 260 | 183 | 17 | 10                                                           | 495 | 155 | 183 | 260 |
| KM 351/2 R4A      | 112M2          | 530               | 340 | 295 | 292  | 253 | 255 | 110 | 450 | 255 | 450 | 745  | 595 | M8X20 | 129                        | 324 | 289 | 310 | 264 | 23 | 12                                                           | 575 | 129 | 264 | 310 |
| KM 352/2 R4A      | 100LA2         | 520               | 340 | 295 | 292  | 253 | 255 | 110 | 450 | 255 | 450 | 745  | 595 | M8X20 | 129                        | 324 | 289 | 295 | 249 | 23 | 12                                                           | 565 | 129 | 249 | 295 |
| KM 401/2 R4A      | 132SB2         | 630               | 375 | 330 | 332  | 286 | 285 | 122 | 500 | 285 | 500 | 830  | 660 | M8X20 | 141                        | 372 | 337 | 360 | 314 | 23 | 12                                                           | 685 | 141 | 314 | 360 |
| KM 402/2 R4A      | 132SA2         | 630               | 375 | 330 | 332  | 286 | 285 | 122 | 500 | 285 | 500 | 830  | 660 | M8X20 | 141                        | 372 | 337 | 360 | 314 | 23 | 12                                                           | 685 | 141 | 314 | 360 |
| KM 451/2 R4A      | 160MR2         | 760               | 425 | 370 | 366  | 321 | 320 | 138 | 560 | 320 | 560 | 930  | 745 | M8X20 | 160                        | 440 | 395 | 470 | 414 | 28 | 14                                                           | 815 | 160 | 414 | 470 |
| KM 451/4 R4A      | 90L4           | 550               | 425 | 370 | 366  | 321 | 320 | 138 | 560 | 320 | 560 | 930  | 745 | M8X20 | 192                        | 260 | 234 | 260 | 183 | 17 | 10                                                           | 595 | 192 | 183 | 260 |
| KM 452/2 R4A      | 132MB2         | 695               | 425 | 370 | 366  | 321 | 320 | 138 | 560 | 320 | 560 | 930  | 745 | M8X20 | 156                        | 372 | 337 | 360 | 314 | 23 | 12                                                           | 750 | 156 | 314 | 360 |
| KM 452/4 R4A      | 90S4           | 520               | 425 | 370 | 366  | 321 | 320 | 138 | 560 | 320 | 560 | 930  | 745 | M8X20 | 192                        | 260 | 234 | 260 | 183 | 17 | 10                                                           | 565 | 192 | 183 | 260 |
| KM 501/4 R4A      | 100LB4         | 650               | 470 | 410 | 405  | 354 | 360 | 159 | 600 | 360 | 600 | 1010 | 830 | M8X20 | 171                        | 324 | 289 | 295 | 249 | 23 | 12                                                           | 695 | 171 | 249 | 295 |
| KM 502/4 R4A      | 100LA4         | 650               | 470 | 410 | 405  | 354 | 360 | 159 | 600 | 360 | 600 | 1010 | 830 | M8X20 | 171                        | 324 | 289 | 295 | 249 | 23 | 12                                                           | 695 | 171 | 249 | 295 |

<sup>1</sup> Provedení s chladičím kotoučem / With cooling impeller

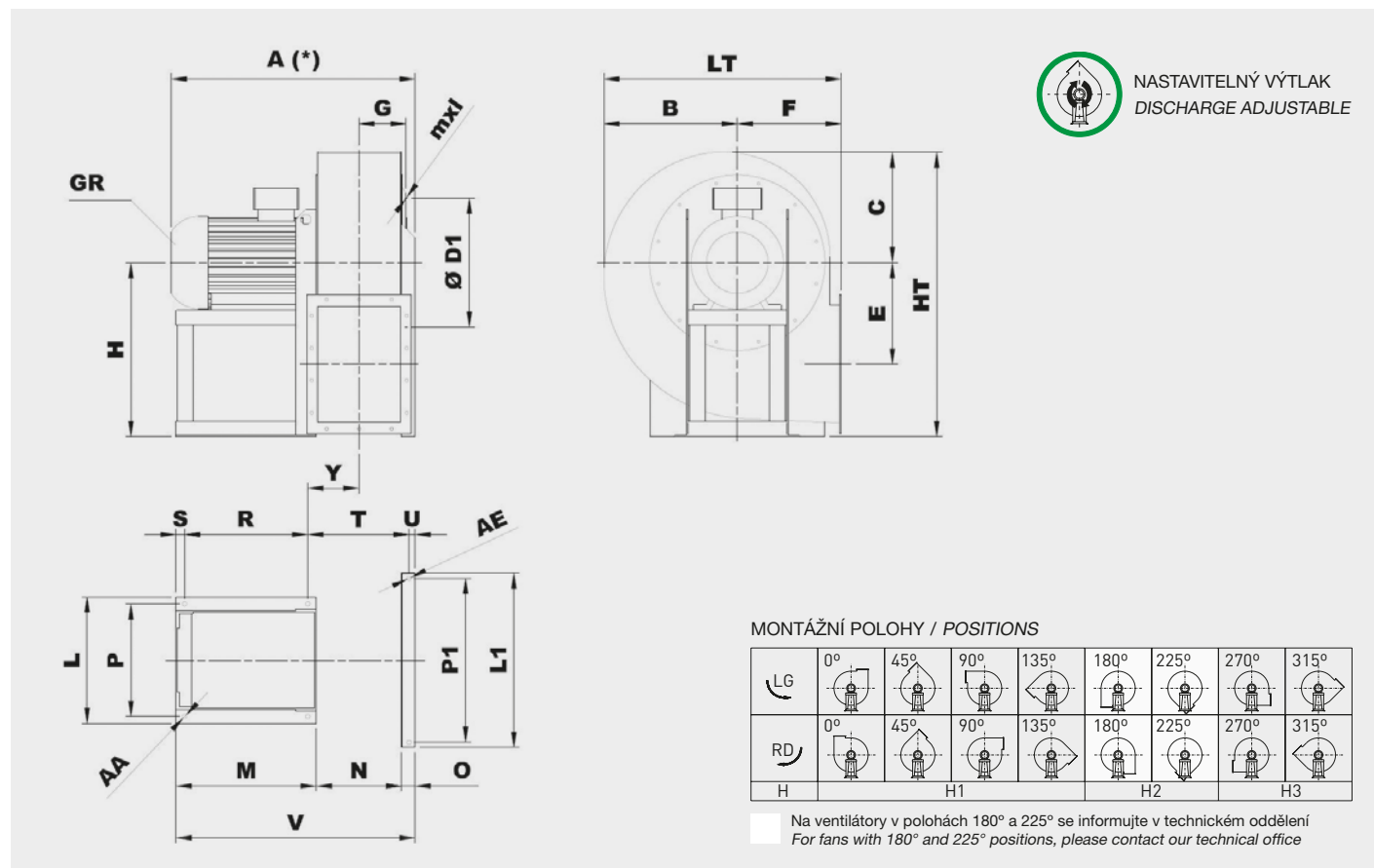
\* V závislosti na konkrétním provedení motoru / Depending on motor size



| Typ<br>Model | Příruba na sání<br>Inlet flange |      |      |      |      |                 |
|--------------|---------------------------------|------|------|------|------|-----------------|
|              | Vel. příruby<br>Bride type      | Ø D1 | Ø D2 | Ø D3 | Ø AC | Otvory<br>Holes |
| 221          | 125                             | 165  | 129  | 189  | 8    | 4               |
| 251          | 180                             | 219  | 184  | 254  | 8    | 8               |
| 281          | 200                             | 241  | 204  | 274  | 8    | 8               |
| 311          | 224                             | 265  | 228  | 298  | 8    | 8               |
| 351          | 250                             | 292  | 254  | 324  | 10   | 8               |
| 401          | 280                             | 332  | 285  | 365  | 10   | 8               |
| 451          | 315                             | 366  | 320  | 400  | 10   | 8               |
| 501          | 355                             | 405  | 360  | 440  | 10   | 8               |

| Typ<br>Model | Příruba na výtlaku<br>Discharge flange |     |     |     |     |     |     |     |      |     |     |
|--------------|----------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
|              | Vel. příruby<br>Bride type             | A1  | B1  | A2  | B2  | A3  | B3  | C1  | Ø AB | N°X | N°Y |
| 221          | 140x100                                | 146 | 105 | 182 | 139 | 216 | 175 | 112 | 12   | 1+1 | 2+2 |
| 251          | 200x140                                | 205 | 146 | 241 | 182 | 275 | 216 | 112 | 12   | 2+2 | 2+2 |
| 281          | 224x160                                | 229 | 164 | 265 | 200 | 299 | 234 | 112 | 12   | 2+2 | 2+2 |
| 311          | 250x180                                | 256 | 183 | 292 | 219 | 326 | 253 | 112 | 12   | 2+2 | 3+3 |
| 351          | 280x200                                | 288 | 205 | 332 | 249 | 368 | 285 | 125 | 12   | 2+2 | 3+3 |
| 401          | 315x224                                | 322 | 229 | 366 | 273 | 402 | 309 | 125 | 12   | 2+2 | 3+3 |
| 451          | 355x250                                | 361 | 256 | 405 | 300 | 441 | 336 | 125 | 12   | 2+2 | 3+3 |
| 501          | 400x280                                | 404 | 288 | 448 | 332 | 484 | 368 | 125 | 12   | 3+3 | 4+4 |

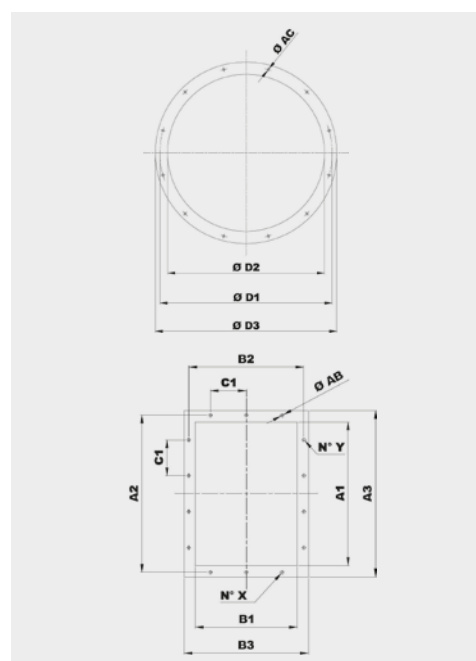
### ROZMĚRY (mm) - velikosti 561 až 631 / DIMENSIONS (mm) - models from 561 to 631



| Typ<br>Type       |                | Ventilátor<br>Fan |     |     |      |     |     |     |     |     |     |      |      |       |     | Montážní podstavec<br>Base |     |     |     |     |     |    |     |    |     |    |     |      |      | Provedení 4B <sup>(1)</sup><br>Arrangement 4B <sup>(1)</sup> |     |     |     |     |     |
|-------------------|----------------|-------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|------|-------|-----|----------------------------|-----|-----|-----|-----|-----|----|-----|----|-----|----|-----|------|------|--------------------------------------------------------------|-----|-----|-----|-----|-----|
| Ventilátor<br>Fan | Motor<br>Motor | A*                | B   | C   | Ø D1 | E   | F   | G   | H   |     |     | HT   | LT   | mxl   | Y   | L                          | P   | L1  | P1  | M   | N   | O  | R   | S  | T   | U  | V   | Ø AA | Ø AE | A                                                            | Y   | R   | M   | T   | V   |
| KM 561/4 R4A      | 132SA4         | 790               | 550 | 451 | 448  | 391 | 400 | 181 | 670 | 400 | 670 | 1121 | 950  | M8X20 | 188 | 372                        | 337 | 672 | 632 | 360 | 329 | 52 | 314 | 23 | 381 | 23 | 741 | 12   | 17   | 845                                                          | 188 | 314 | 360 | 381 | 741 |
| KM 562/4 R4A      | 112M4          | 750               | 550 | 451 | 448  | 391 | 400 | 181 | 670 | 400 | 670 | 1121 | 950  | M8X20 | 188 | 324                        | 289 | 672 | 632 | 310 | 329 | 52 | 264 | 23 | 381 | 23 | 691 | 12   | 17   | 795                                                          | 188 | 264 | 310 | 381 | 691 |
| KM 631/4 R4A      | 160M4          | 990               | 615 | 515 | 497  | 441 | 450 | 200 | 750 | 450 | 750 | 1265 | 1065 | M8X20 | 214 | 440                        | 395 | 762 | 702 | 470 | 369 | 52 | 414 | 28 | 426 | 23 | 891 | 14   | 17   | 1045                                                         | 214 | 414 | 470 | 426 | 891 |
| KM 632/4 R4A      | 132MA4         | 860               | 615 | 515 | 497  | 441 | 450 | 200 | 750 | 450 | 750 | 1265 | 1065 | M8X20 | 209 | 372                        | 337 | 762 | 702 | 360 | 369 | 52 | 314 | 23 | 421 | 23 | 781 | 12   | 17   | 915                                                          | 209 | 314 | 360 | 421 | 781 |

<sup>1</sup> Provedení s chladicím kotoučem / With cooling impeller

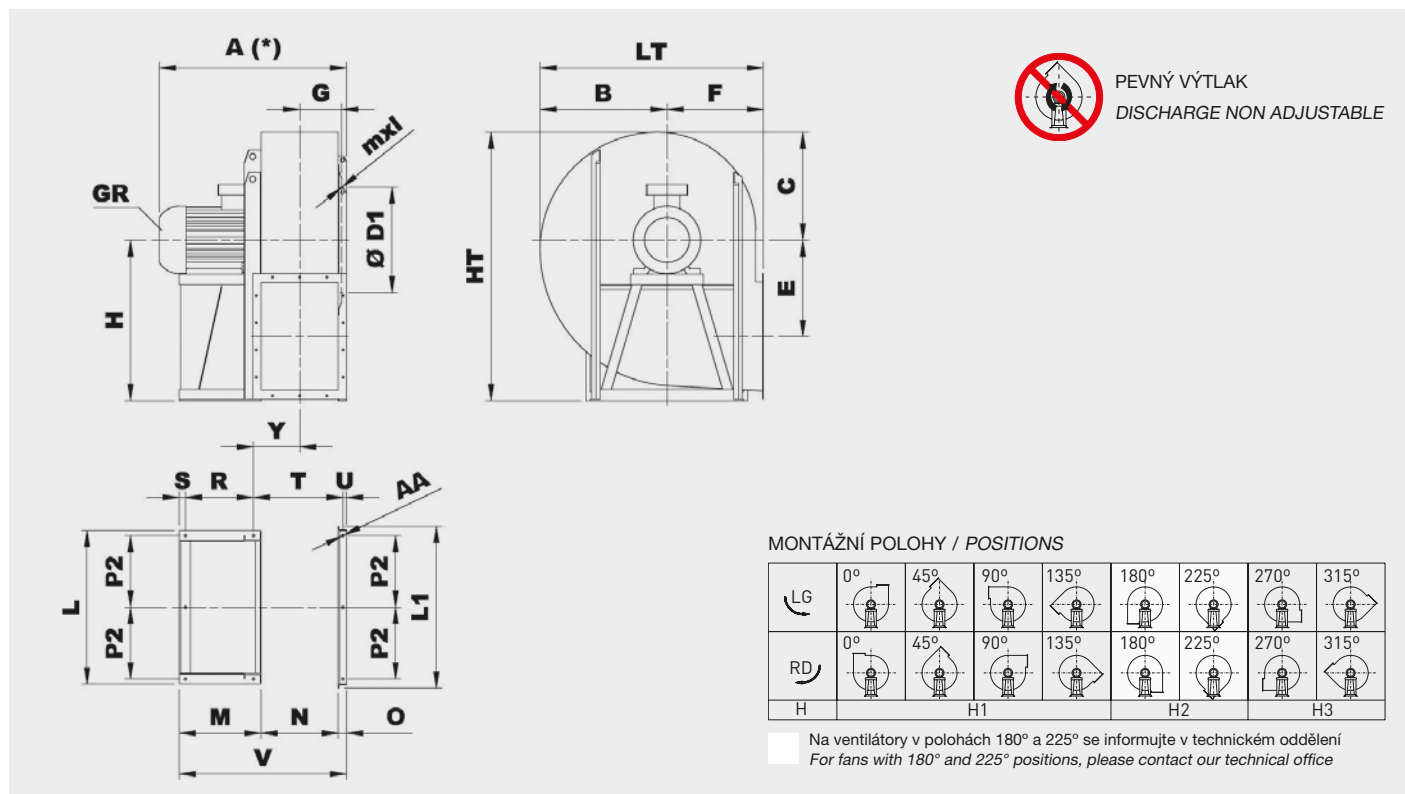
\* V závislosti na konkrétním provedení motoru / Depending on motor size



| Typ<br>Model | Příruba na sání<br>Inlet flange |      |      |      |      |                 |
|--------------|---------------------------------|------|------|------|------|-----------------|
|              | Vel. příruby<br>Bride type      | Ø D1 | Ø D2 | Ø D3 | Ø AC | Otvory<br>Holes |
| 561          | 400                             | 448  | 405  | 485  | 10   | 12              |
| 631          | 450                             | 497  | 455  | 535  | 10   | 12              |

| Typ<br>Model | Příruba na výtlaku<br>Discharge flange |     |     |     |     |     |     |     |      |     |     |
|--------------|----------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
|              | Vel. příruba<br>Bride type             | A1  | B1  | A2  | B2  | A3  | B3  | C1  | Ø AB | N°X | N°Y |
| 561          | 450x315                                | 453 | 322 | 497 | 366 | 533 | 402 | 125 | 12   | 3+3 | 4+4 |
| 631          | 500x355                                | 507 | 361 | 551 | 405 | 587 | 441 | 125 | 12   | 3+3 | 4+4 |

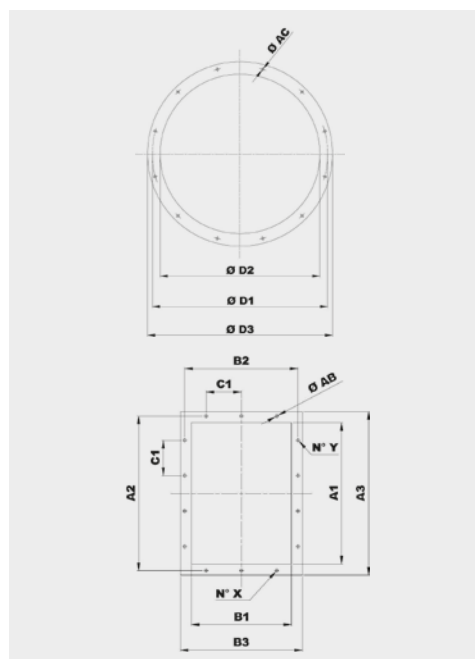
ROZMĚRY (mm) - velikosti 711 až 1001 / DIMENSIONS (mm) - models from 711 to 1001



| Typ<br>Type       |                | Ventilátor<br>Fan |     |     |      |     |     |     |     |     |      |      |      |        |     | Montážní podstavec<br>Base |      |     |     |    |     |     |    |     |    |      |      |      |     | Provedení 4B <sup>(1)</sup><br>Arrangement 4B <sup>(1)</sup> |     |     |      |  |  |
|-------------------|----------------|-------------------|-----|-----|------|-----|-----|-----|-----|-----|------|------|------|--------|-----|----------------------------|------|-----|-----|----|-----|-----|----|-----|----|------|------|------|-----|--------------------------------------------------------------|-----|-----|------|--|--|
| Ventilátor<br>Fan | Motor<br>Motor | A*                | B   | C   | Ø D1 | E   | F   | G   | H1  | H2  | H3   | HT   | LT   | mxl    | Y   | L                          | L1   | M   | N   | O  | P2  | R   | S  | T   | U  | V    | Ø AA | A    | Y   | R                                                            | M   | T   | V    |  |  |
| KM 711/4 R4A      | 160L4          | 1020              | 690 | 565 | 551  | 500 | 500 | 222 | 670 | 500 | 850  | 1415 | 1190 | M8X20  | 262 | 836                        | 896  | 471 | 404 | 60 | 386 | 372 | 39 | 497 | 27 | 935  | 19   | 1020 | 262 | 372                                                          | 471 | 497 | 935  |  |  |
| KM 712/4 R4A      | 160M4          | 1020              | 690 | 565 | 551  | 500 | 500 | 222 | 670 | 500 | 850  | 1415 | 1190 | M8X20  | 262 | 836                        | 896  | 471 | 404 | 60 | 386 | 372 | 39 | 497 | 27 | 935  | 19   | 1020 | 262 | 372                                                          | 471 | 497 | 935  |  |  |
| KM 801/4 R4A      | 200L4          | 1140              | 770 | 630 | 629  | 560 | 560 | 251 | 750 | 560 | 950  | 1580 | 1330 | M8X20  | 287 | 926                        | 986  | 500 | 453 | 60 | 431 | 401 | 39 | 546 | 27 | 1013 | 19   | 1195 | 287 | 461                                                          | 560 | 546 | 1073 |  |  |
| KM 802/4 R4A      | 180M4          | 1060              | 770 | 630 | 629  | 560 | 560 | 251 | 750 | 560 | 950  | 1580 | 1330 | M8X20  | 287 | 926                        | 986  | 540 | 453 | 60 | 431 | 441 | 39 | 546 | 27 | 1053 | 19   | 1115 | 287 | 441                                                          | 540 | 546 | 1053 |  |  |
| KM 901/4 R4A      | 225M4          | 1260              | 860 | 705 | 698  | 630 | 630 | 278 | 850 | 630 | 1060 | 1765 | 1490 | M8X20  | 314 | 1026                       | 1086 | 540 | 507 | 60 | 481 | 441 | 39 | 600 | 27 | 1107 | 19   | 1315 | 314 | 523                                                          | 622 | 600 | 1189 |  |  |
| KM 902/4 R4A      | 225S4          | 1260              | 860 | 705 | 698  | 630 | 630 | 278 | 850 | 630 | 1060 | 1765 | 1490 | M8X20  | 314 | 1026                       | 1086 | 540 | 507 | 60 | 481 | 441 | 39 | 600 | 27 | 1107 | 19   | 1315 | 314 | 523                                                          | 622 | 600 | 1189 |  |  |
| KM 1001/4 R4A     | 280R4          | 1510              | 965 | 795 | 775  | 710 | 710 | 309 | 950 | 710 | 1180 | 1975 | 1675 | M10X30 | 340 | 1128                       | 1188 | 690 | 569 | 60 | 528 | 591 | 45 | 657 | 27 | 1319 | 19   | 1565 | 340 | 670                                                          | 770 | 657 | 1399 |  |  |
| KM 1002/4 R4A     | 250M4          | 1380              | 965 | 795 | 775  | 710 | 710 | 309 | 950 | 710 | 1180 | 1975 | 1675 | M10X30 | 340 | 1128                       | 1188 | 600 | 569 | 60 | 528 | 500 | 45 | 657 | 27 | 1229 | 19   | 1435 | 340 | 580                                                          | 680 | 657 | 1309 |  |  |

<sup>1</sup> Provedení s chladicím kotoučem / With cooling impeller

\* V závislosti na konkrétním provedení motoru / Depending on motor size

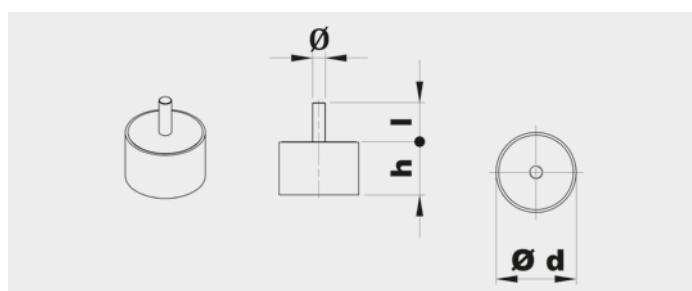


| Typ<br>Model | Příruba na sání<br>Inlet flange |      |      |      |      |                 |
|--------------|---------------------------------|------|------|------|------|-----------------|
|              | Vel. příruby<br>Bride type      | Ø D1 | Ø D2 | Ø D3 | Ø AC | Otvory<br>Holes |
| 711          | 500                             | 551  | 505  | 585  | 10   | 12              |
| 801          | 560                             | 629  | 566  | 666  | 10   | 12              |
| 901          | 630                             | 698  | 636  | 736  | 10   | 12              |
| 1001         | 710                             | 775  | 716  | 816  | 12   | 16              |

| Typ<br>Model | Příruba na výtlaku<br>Discharge flange |     |     |     |     |     |     |     |      |     |     |
|--------------|----------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
|              | Vel. příruby<br>Bride type             | A1  | B1  | A2  | B2  | A3  | B3  | C1  | Ø AB | N°X | N°Y |
| 711          | 560x400                                | 569 | 404 | 629 | 464 | 669 | 504 | 160 | 14   | 3+3 | 4+4 |
| 801          | 630x450                                | 638 | 453 | 698 | 513 | 738 | 553 | 160 | 14   | 3+3 | 4+4 |
| 901          | 710x500                                | 715 | 507 | 775 | 567 | 815 | 607 | 160 | 14   | 3+3 | 5+5 |
| 1001         | 800x560                                | 801 | 569 | 871 | 639 | 921 | 689 | 200 | 14   | 3+3 | 4+4 |

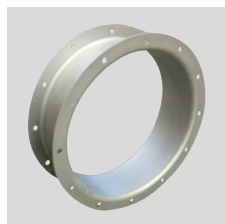
## IZOLÁTORY CHVĚNÍ / SILENT BLOCKS

| Doporučené izolátory chvění / Suggested silent blocks |                             |
|-------------------------------------------------------|-----------------------------|
| Ventilátor / Fan                                      | Provedení 4 / Arrangement 4 |
| 221                                                   | 4 x AM 20 - 20 x 20         |
| 251/2                                                 | 4 x AM 20 - 20 x 20         |
| 281/2                                                 | 4 x AM 20 - 20 x 20         |
| 311/2                                                 | 4 x AM 25 - 25 x 20         |
| 351/2                                                 | 4 x AM 25 - 25 x 20         |
| 401/2                                                 | 4 x AM 30 - 30 x 30         |
| 451/2                                                 | 4 x AM 40 - 40 x 30         |
| 501/2                                                 | 4 x AM 50 - 50 x 40         |
| 561/2                                                 | 4 x AM 40 - 40 x 30         |
| 631/2                                                 | 4 x AM 40 - 40 x 30         |
| 711/2                                                 | 4 x AM 50 - 50 x 40         |
| 801/2                                                 | 4 x AM 75 - 75 x 50         |
| 901/2                                                 | 4 x AM 75 - 75 x 50         |
| 1001/2                                                | 6 x AM 75 - 75 x 50         |

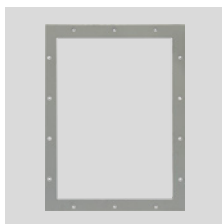


| Typ<br>Type | Zátěž na 4 izolátory<br>Load for 4 supports<br>(kg) | d  | h  | Ø   | l  | Hmot.<br>Weight<br>(kg) |
|-------------|-----------------------------------------------------|----|----|-----|----|-------------------------|
| AM20        | 11÷40                                               | 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                    |

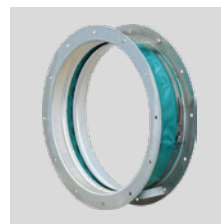
**PŘÍSLUŠENSTVÍ / ACCESSORIES**



**CA (CFH1) - CFH2 - CFH3**  
 Kruhov $\acute{a}$  spojka s p $\acute{r}$ rubou a protip $\acute{r}$ rubou.  
*Counter-flange - Circular flange.*



**CP**  
 $\check{C}$ ty $\acute{r}$ hrann $\acute{a}$  p $\acute{r}$ rub $\acute{a}$ .  
*Rectangular Flange.*



**GA**  
 Pru $\acute{z}$ n $\acute{a}$  kruhov $\acute{a}$  man $\acute{z}$ eta s p $\acute{r}$ rubou.  
*Inlet flexible connector.*



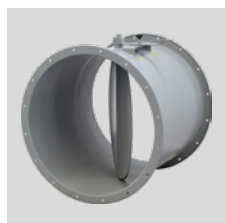
**GP**  
 Pru $\acute{z}$ n $\acute{a}$   $\check{c}$ ty $\acute{r}$ hrann $\acute{a}$  man $\acute{z}$ eta s p $\acute{r}$ rubou.  
*Outlet flexible connector.*



**DP**  
 Regulovateln $\acute{a}$  kruhov $\acute{a}$  klapka na s $\acute{a}$ n $\acute{i}$ .  
*Inlet damper governor.*



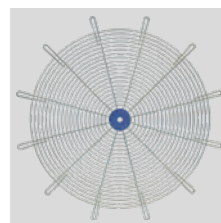
**SAD**  
 Regulovateln $\acute{a}$   $\check{c}$ ty $\acute{r}$ hrann $\acute{a}$  klapka na v $\acute{y}$ tlak.  
*Air reducing damper at outlet.*



**SF**  
 Kruhov $\acute{a}$   $\check{s}$ krtic $\acute{i}$  klapka.  
*Throttle valve.*



**DF**  
 Kruhov $\acute{y}$  filtr na s $\acute{a}$ n $\acute{i}$ .  
*Air filter at inlet.*



**RC**  
 Ochrann $\acute{a}$  m $\acute{r}$ žka.  
*Protection net.*



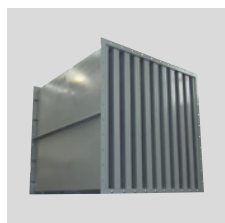
**AM/AZ**  
 Izol $\acute{a}$ tory chv $\acute{e}$ n $\acute{i}$ .  
*Silent blocks.*



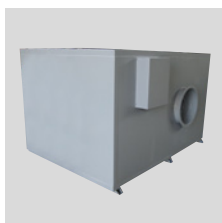
**SCSO**  
 Kruhov $\acute{y}$  tlumi $\check{c}$  hluku.  
*Cylindrical sound attenuator.*



**SCCO**  
 Kruhov $\acute{y}$  tlumi $\check{c}$  hluku s kulisou.  
*Cylindrical sound attenuator with internal pot.*



**SASS**  
 Kulisov $\acute{y}$  tlumi $\check{c}$  hluku.  
*Baffle type sound attenuator.*



**CI**  
 Hlukov $\acute{e}$  izolovan $\acute{y}$  box.  
*Noise enclosure.*

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