

## ART



Rodete de álabes curvados hacia atrás  
Backward curved impeller

Ventilador centrífugo con accionamiento por poleas y correas y simple aspiración. Fabricados en chapa de acero protegida contra la corrosión mediante tratamiento por cataforesis + pintura poliuretana. Temperaturas del aire a transportar -20°C/+60°C en continuo.

### Sistemas de montaje

- SISTEMA 1: eje libre, para acoplamiento mediante poleas y correas.
- SISTEMA 9: incluye motor, poleas, correas y protector de correas. Motor montado en el lateral del pie soporte rodamientos.
- SISTEMA 12: incluye motor, poleas, correas y protector de correas. Motor montado sobre la bancada general.

### Motores

De 2, 4 ó 6 polos, de alta eficiencia IE 3\* (las r.p.m. de cada motor se adaptarán al cálculo de cada transmisión), tensión de alimentación trifásica 230/400V 50Hz tamaño motor 132 y 400/690V 50Hz para motores de mayor dimensión. Protección IP55, Clase F.

\* A partir de 0,75 kW el motor puede ser de eficiencia IE 2 controlado por convertidor de frecuencia.

### Bajo pedido

- Fabricación en diferentes materiales constructivos.

- Motores de 2 velocidades.
- Versiones de 60 Hz.
- Pintura en diferentes RAL.
- Versión para alta temperatura: hasta 300°C (versiones B: con rodete de refrigeración).
- Trampilla de inspección, purga de drenaje, distintos tipos de estanqueidad a nivel de voluta y de paso de eje.
- Ventiladores estancos.
- Calorifugado.

### Versiónes ATEX

Bajo pedido, versiones antiexplosivas según la Directiva ATEX para modelos trifásicos:

Para trabajar a temperaturas de -20°C a +60°C, presión ambiente (absoluta) de 0,8 bar hasta 1,1 bar, según 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 (sólo para categoría 3G)
  - ⊗ 3G IIB+H2 T2-T3, Motor ExnA (sólo para categoría 3G)
- Polvo no conductivo:
  - ⊗ 2D IIIB T195°C-T295°C
  - ⊗ 3D IIIB T195°C-T295°C
- Polvo conductivo (con motor IP 65):
  - ⊗ 2D IIIC T195°C-T295°C
  - ⊗ 3D IIIC T195°C-T295°C

CUADRO DE APLICACIONES  
TABLE OF APPLICATIONS

| Aire a transportar<br>Air Type                                            | Cantidad de polvo<br>Dust quantity<br>(mg/m <sup>3</sup> ) |
|---------------------------------------------------------------------------|------------------------------------------------------------|
| Polvoriento (ambiente industrial)<br>Medium dust (industrial environment) | <500                                                       |

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 230/400V 50Hz up to motor size 132 and 400/690V 50Hz for higher motors. IP55, Class F protection.

\* From 0,75kW, 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.
- 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

# RODETE ÁLABES CURVADOS HACIA ATRÁS - ACOPLAMIENTO A TRANSMISIÓN BACKWARD CURVED IMPELLER - BELT DRIVE



## CARACTERÍSTICAS TÉCNICAS / TECHNICAL FEATURES

Es imprescindible comprobar que las características eléctricas (voltaje, intensidad, frecuencia, etc.) del motor que aparecen en la placa del mismo son compatibles con las de la instalación.

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

| Modelo<br>Model | Caudal máximo<br>Maximum airflow<br>(m <sup>3</sup> /h) | Potencia motor máxima<br>Maximum motor power<br>(kW) | Peso<br>Weight<br>(kg) <sup>(1)</sup> | Momento de inercia<br>Moment of inertia<br>(kg·m <sup>2</sup> ) <sup>(2)</sup> |
|-----------------|---------------------------------------------------------|------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------|
| ART 401 N1A     | 9.070                                                   | 15,0                                                 | 76                                    | 0,18                                                                           |
| ART 451 N1A     | 11.620                                                  | 18,5                                                 | 91                                    | 0,28                                                                           |
| ART 501 N1A     | 14.400                                                  | 22,0                                                 | 132                                   | 0,58                                                                           |
| ART 561 N1A     | 17.840                                                  | 30,0                                                 | 170                                   | 0,88                                                                           |
| ART 631 N1A     | 22.750                                                  | 37,0                                                 | 205                                   | 1,45                                                                           |
| ART 711 N1A     | 28.800                                                  | 45,0                                                 | 267                                   | 2,50                                                                           |
| ART 801 N1A     | 36.430                                                  | 55,0                                                 | 326                                   | 4,30                                                                           |
| ART 901 N1A     | 46.800                                                  | 75,0                                                 | 392                                   | 7,00                                                                           |
| ART 1001 N1A    | 57.130                                                  | 90,0                                                 | 510                                   | 12,50                                                                          |
| ART 1121 N1A    | 71.925                                                  | 110,0                                                | 785                                   | 21,80                                                                          |
| ART 1251 N1A    | 89.280                                                  | 132,0                                                | 991                                   | 37,50                                                                          |
| ART 1401 N1A    | 114.480                                                 | 160,0                                                | 1.401                                 | 61,30                                                                          |
| ART 1601 N1A    | 144.000                                                 | 200,0                                                | 1.802                                 | 105,00                                                                         |
| ART 1801 N1A    | 186.840                                                 | 250,0                                                | 2.642                                 | 180,00                                                                         |
| ART 2001 N1A    | 230.400                                                 | 315,0                                                | 3.204                                 | 280,00                                                                         |

<sup>1</sup> Para ejecución 1 y orientación LG270 ó RD270 / For arrangement 1 and LG270 or RD270 position

<sup>2</sup> Momento de inercia del rodetes / Impeller's moment of inertia

## SOPORTES SISTEMA 1 / SUPPORTS FOR ARRANGEMENT 1

| Modelo<br>Model              | 401-451    | 501         | 561-631     | 711         | 801-901     | 1001        | 1121-1251   | 1401          | 1601          | 1801-2001      |
|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|----------------|
| Soporte tipo<br>Support type | ST 90 AL38 | ST 100 AL42 | ST 110 AL48 | ST 120 BL48 | ST 130 BL55 | SN 516 BL65 | SN 518 BL75 | SN 520 B/BL80 | SN 522 B/BL90 | SN 524 B/BL100 |

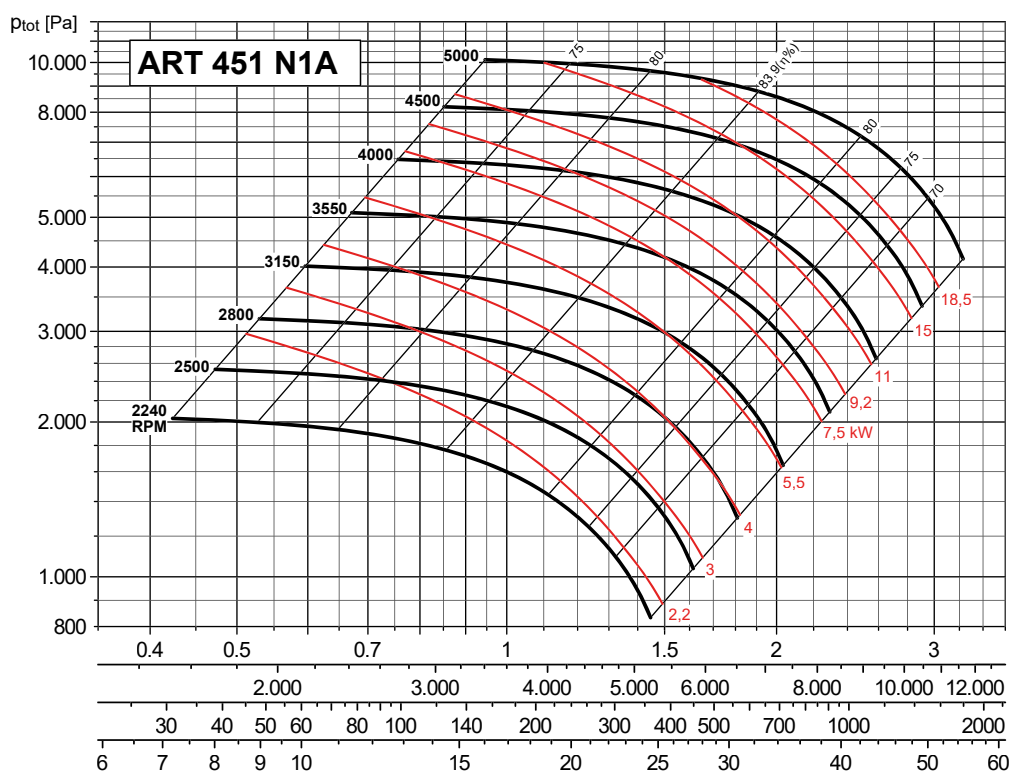
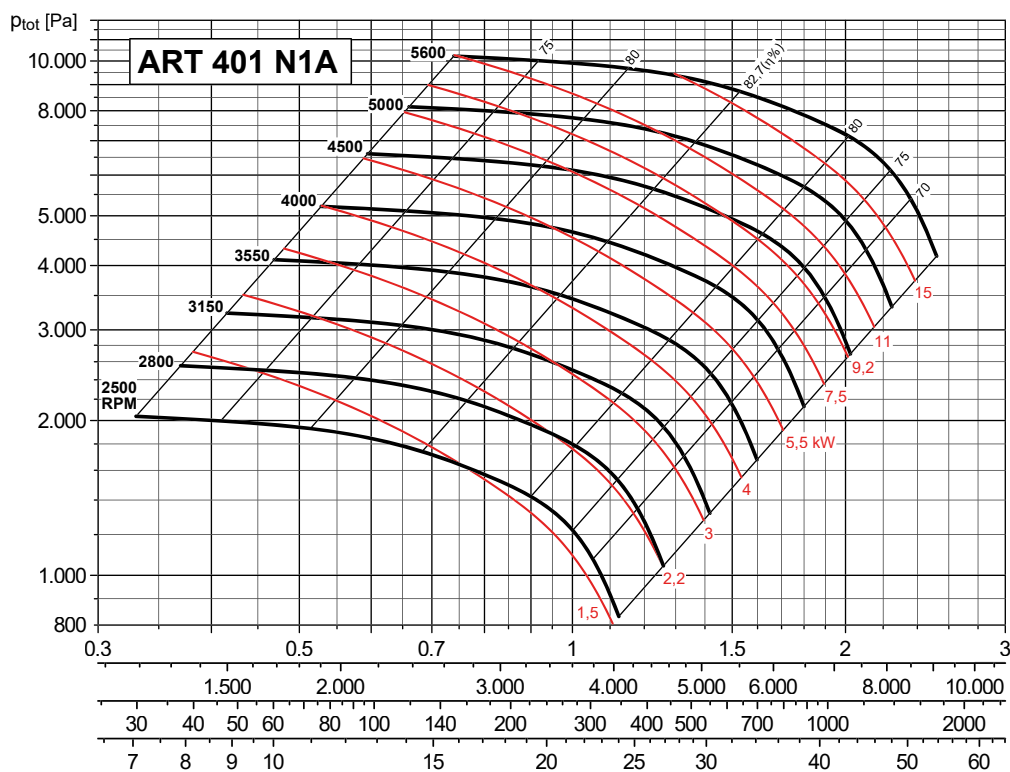
Ver información adicional / See additional information

## MOTORES SISTEMA 9 / MOTOR SIZE FOR ARRANGEMENT 9

| Modelo<br>Model            | 401-451  | 501-631    | 711-901    | 1001-2001    |
|----------------------------|----------|------------|------------|--------------|
| Tamaño motor<br>Motor size | ≤ 132 M2 | ≤ 160 L2-4 | ≤ 180 L2-4 | ≤ 200 M2-4-6 |

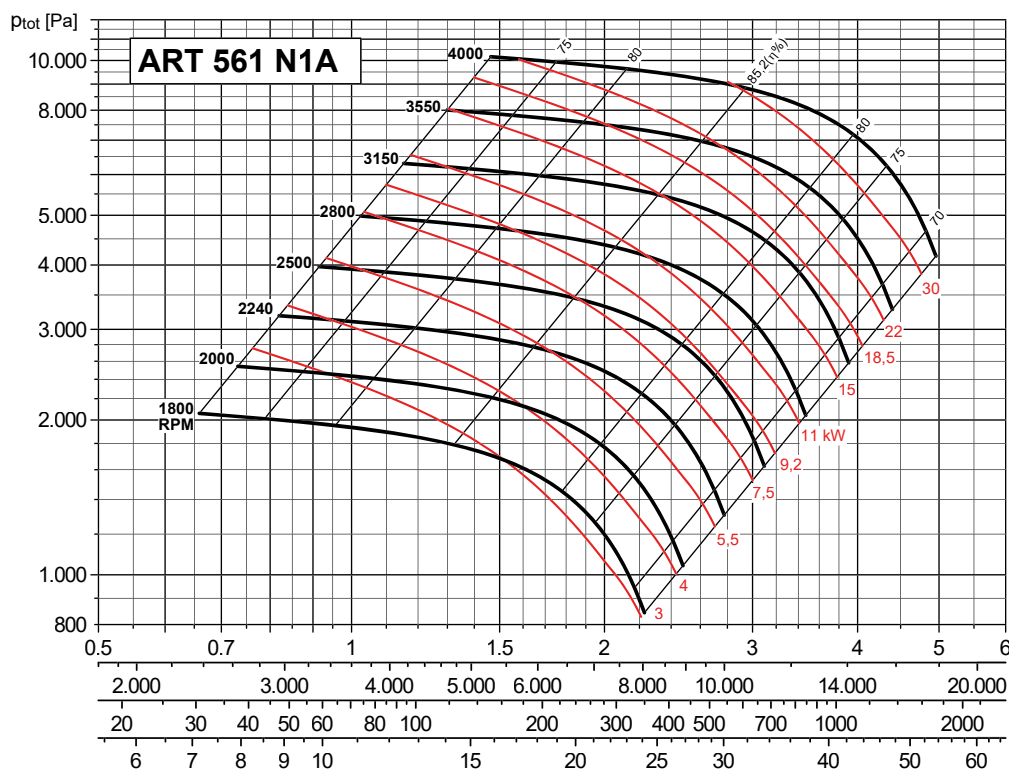
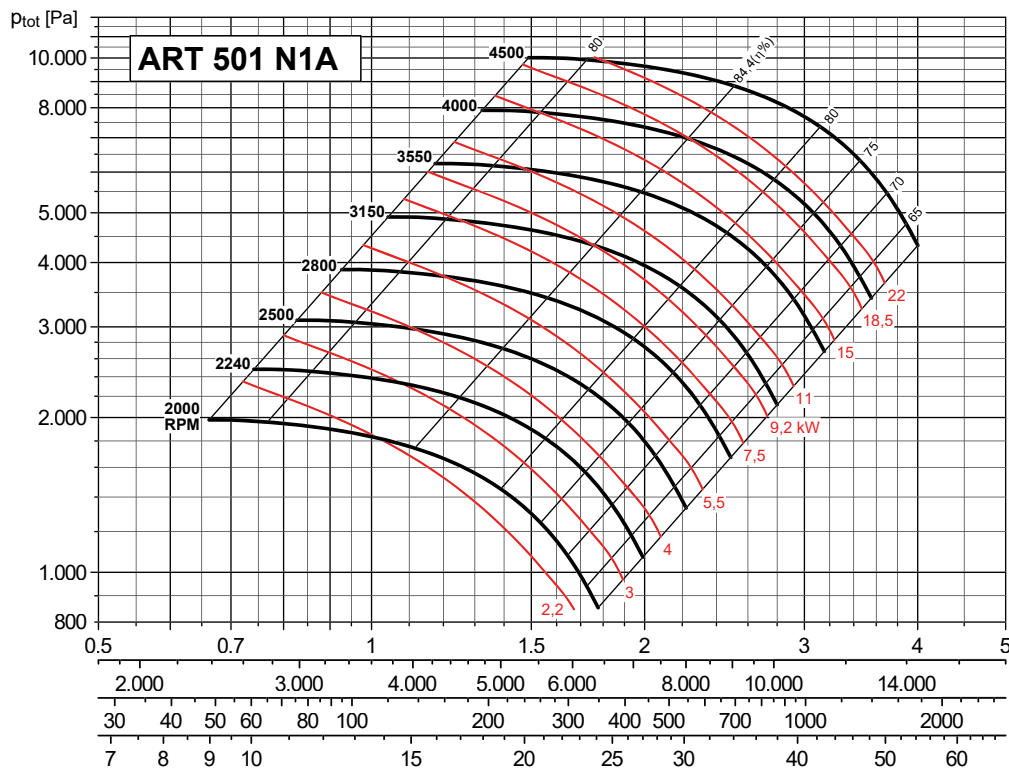
## CURVAS CARACTERÍSTICAS (a la descarga) / PERFORMANCE CURVES (at outlet)

- P<sub>tot</sub>: Presión total en Pa.
- P<sub>tot</sub>: Total pressure in Pa.



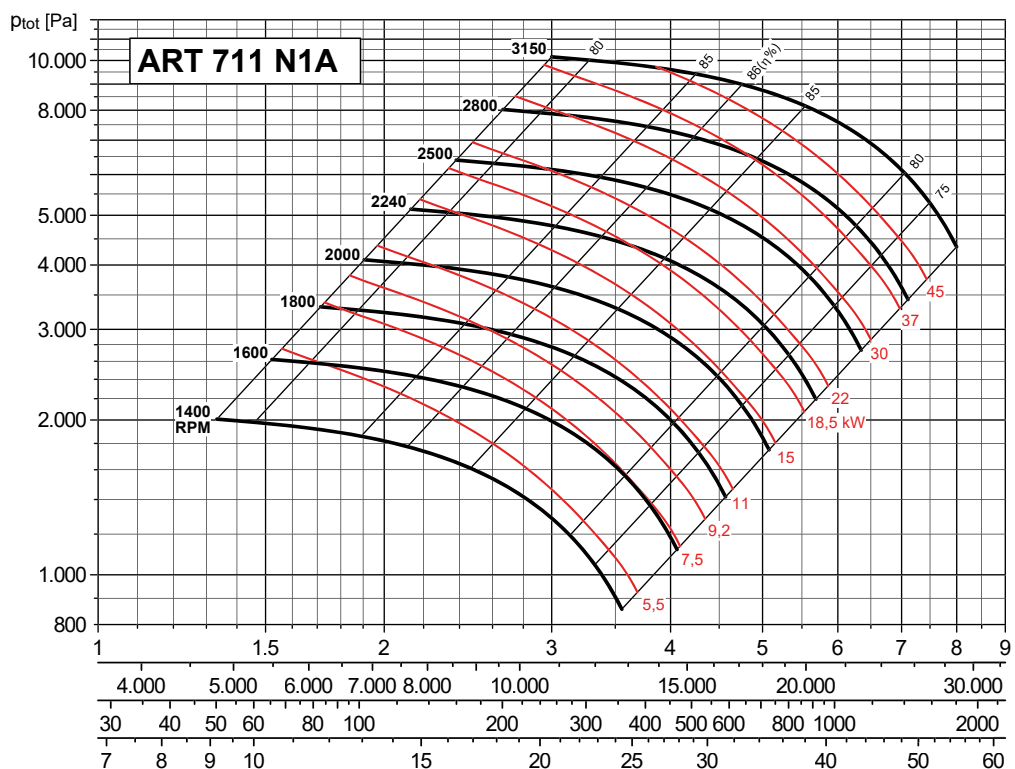
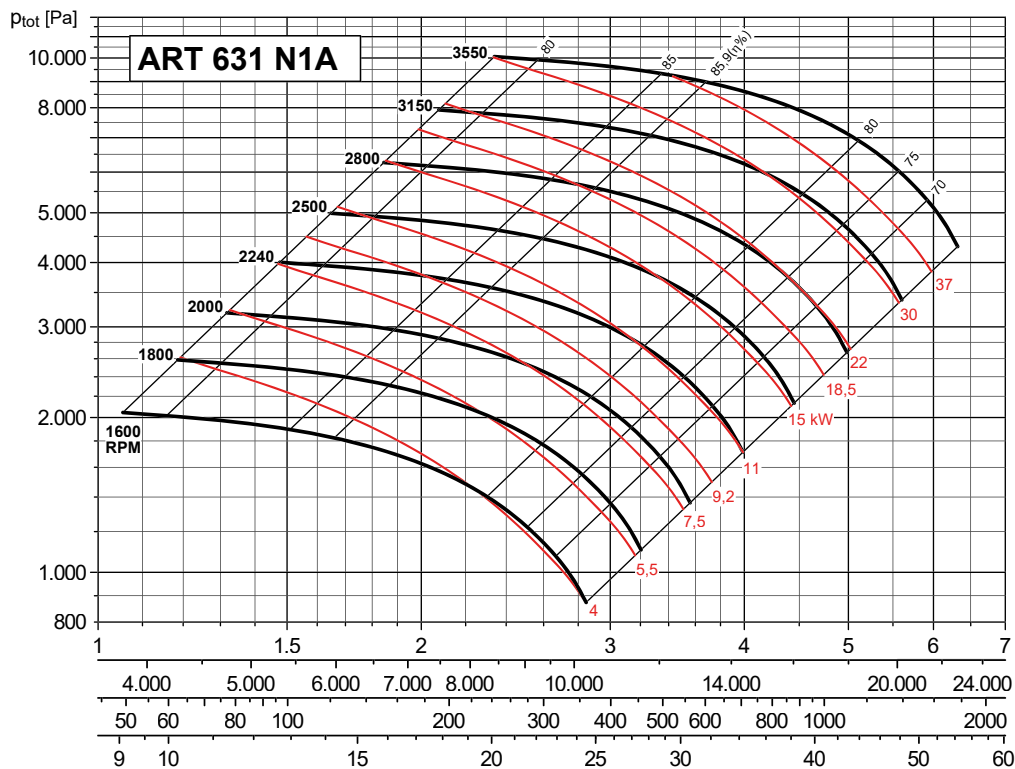
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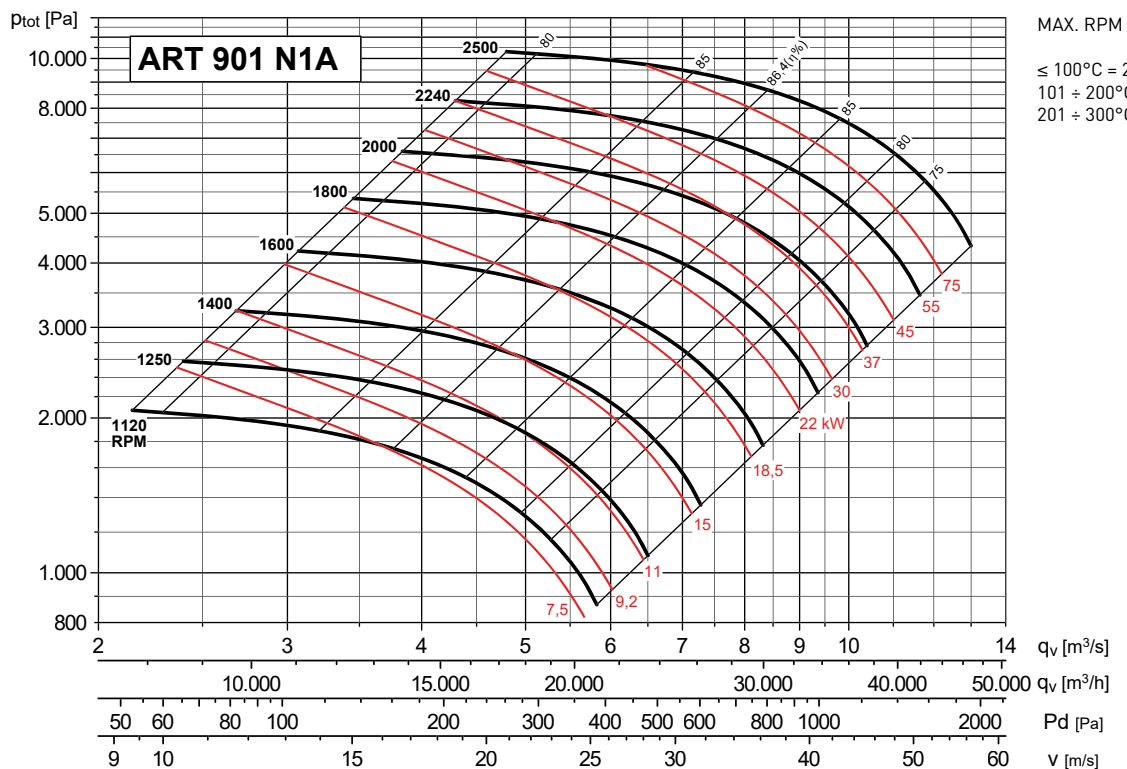
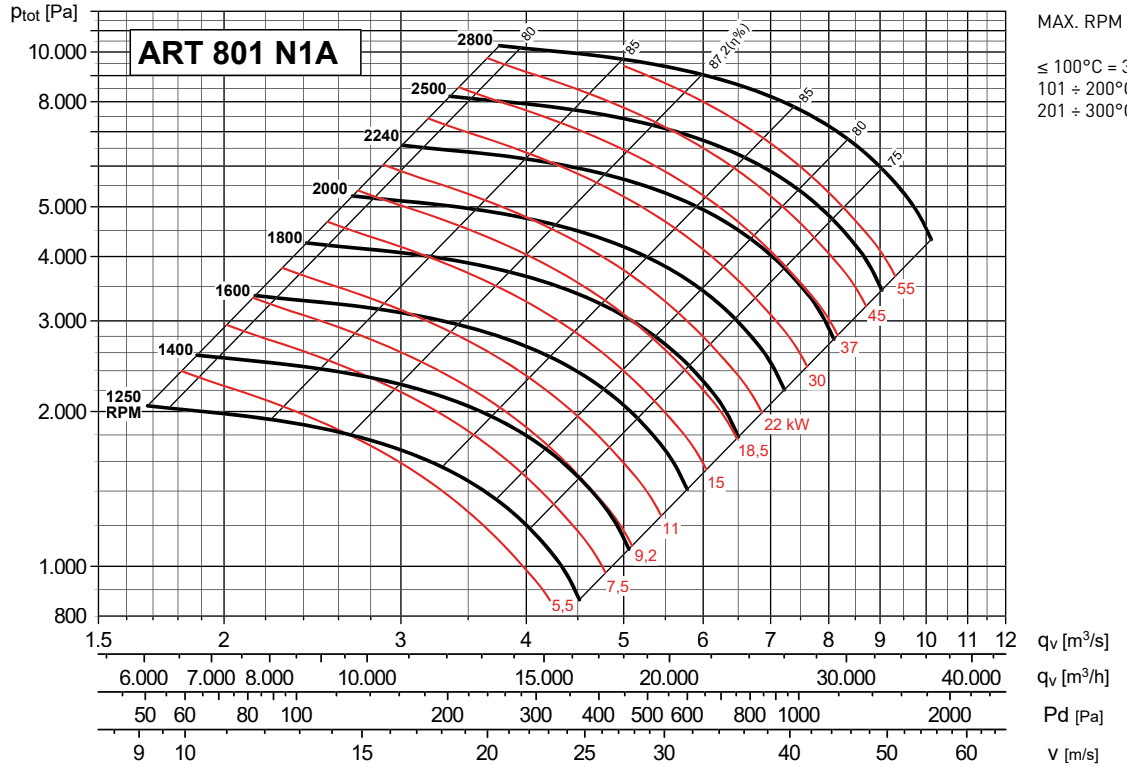
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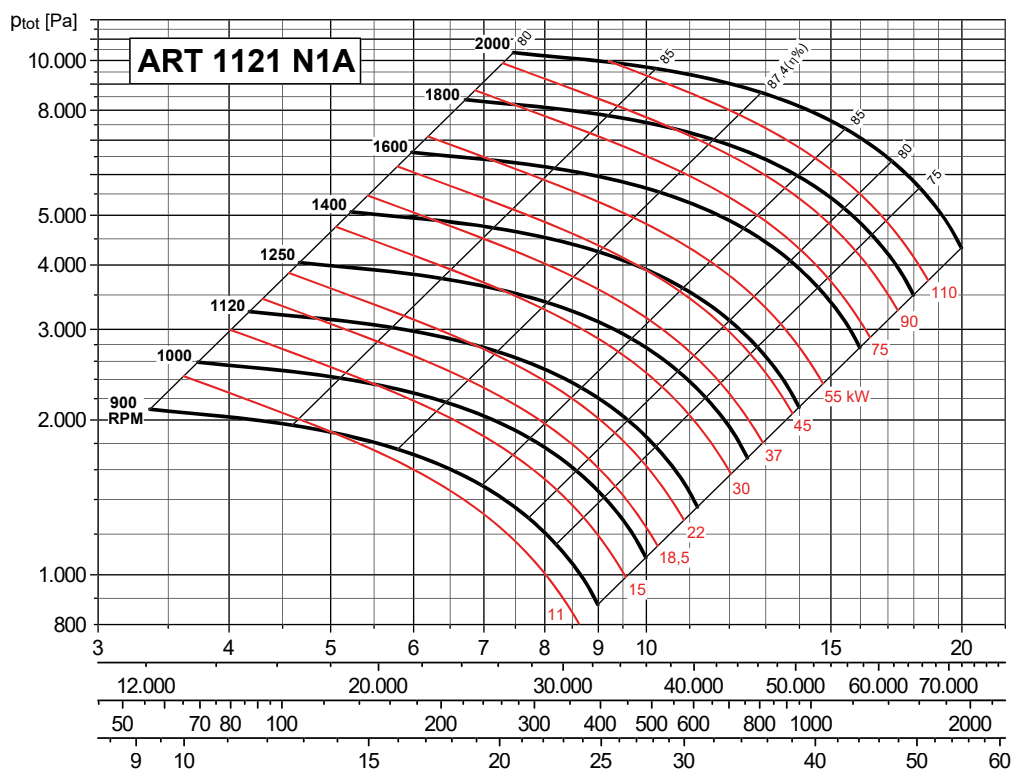
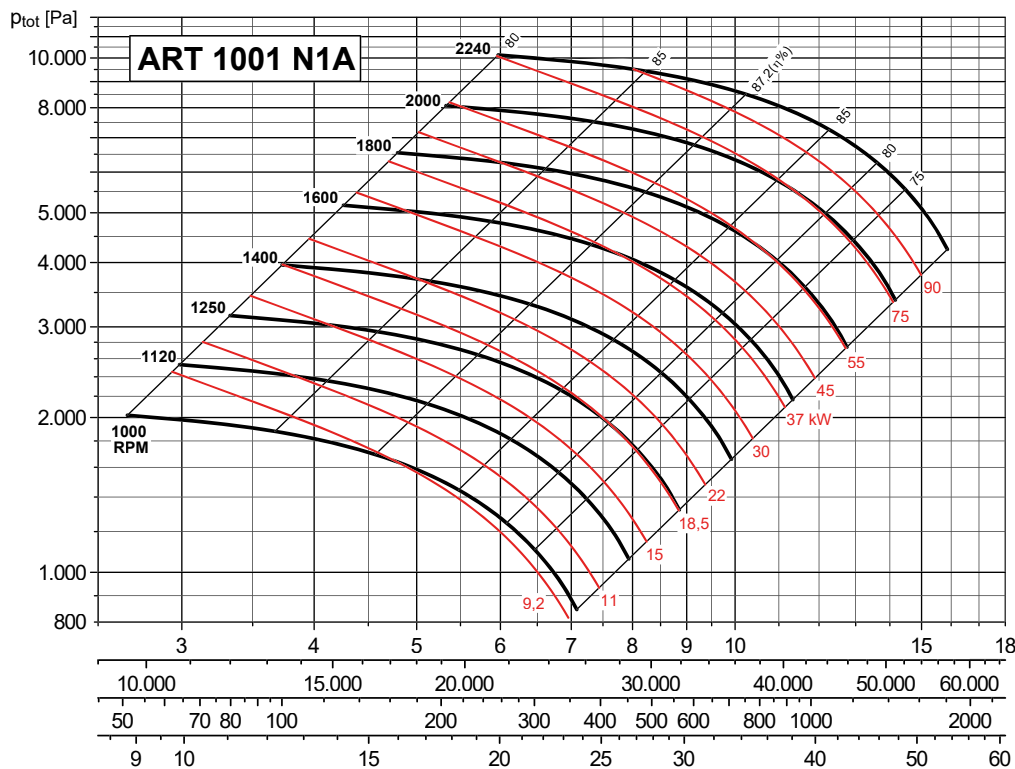
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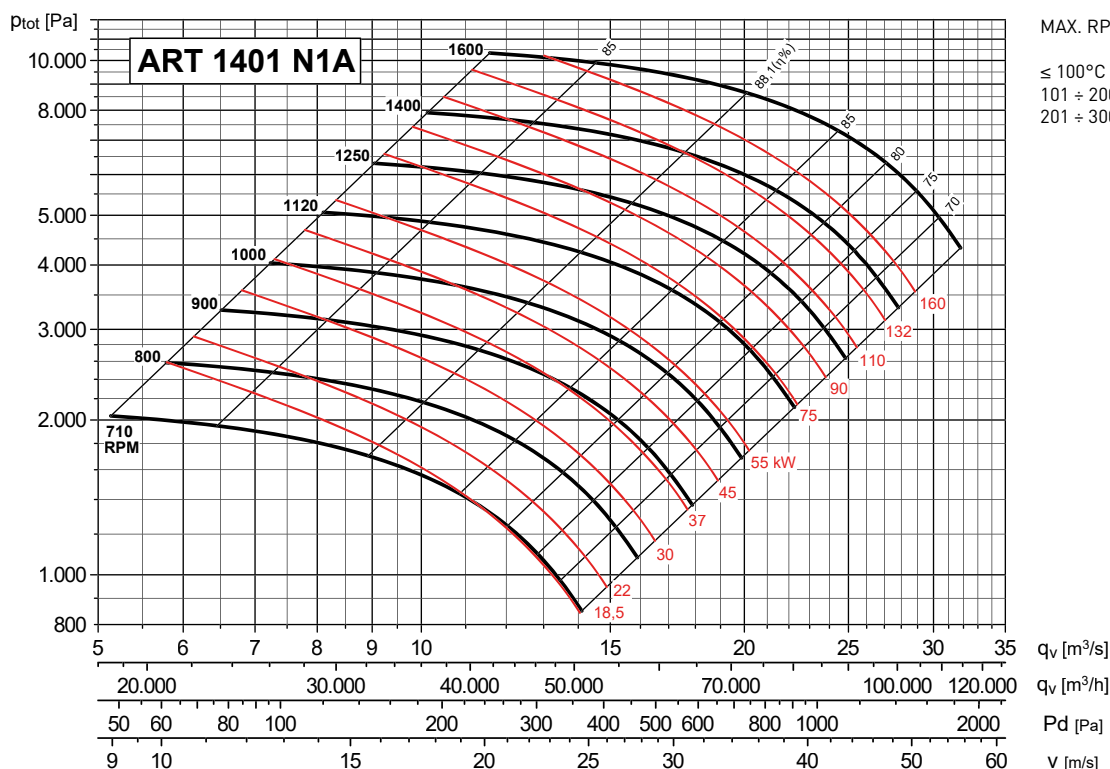
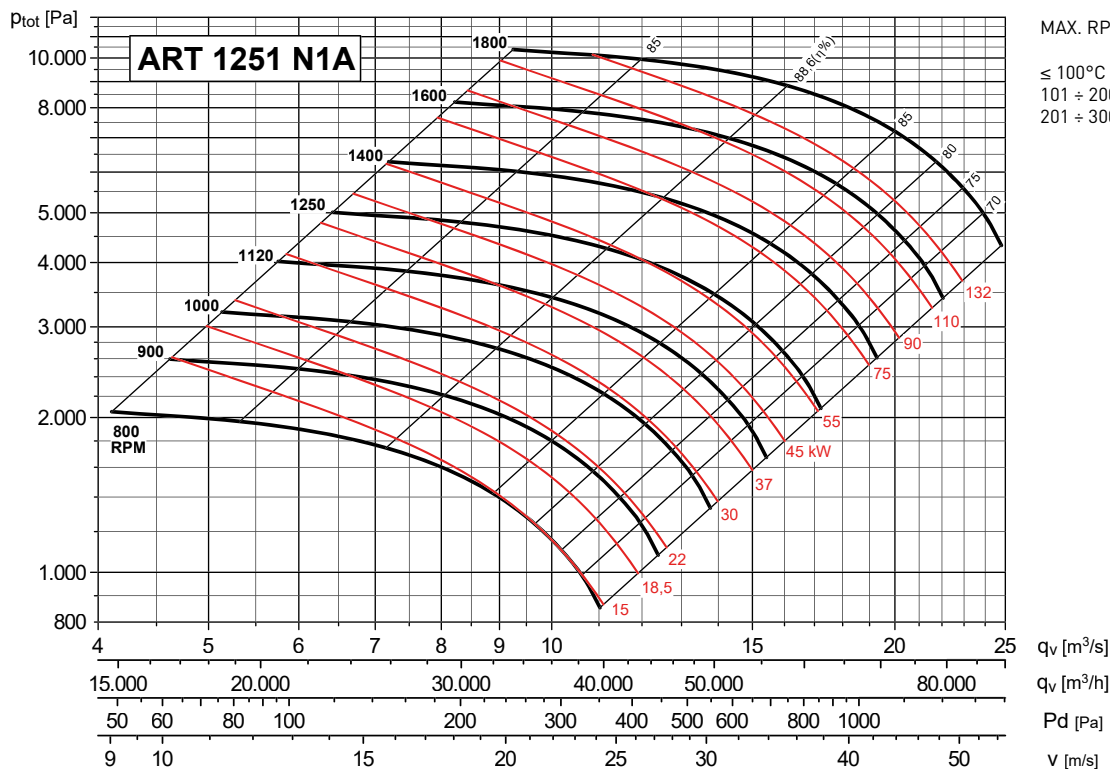
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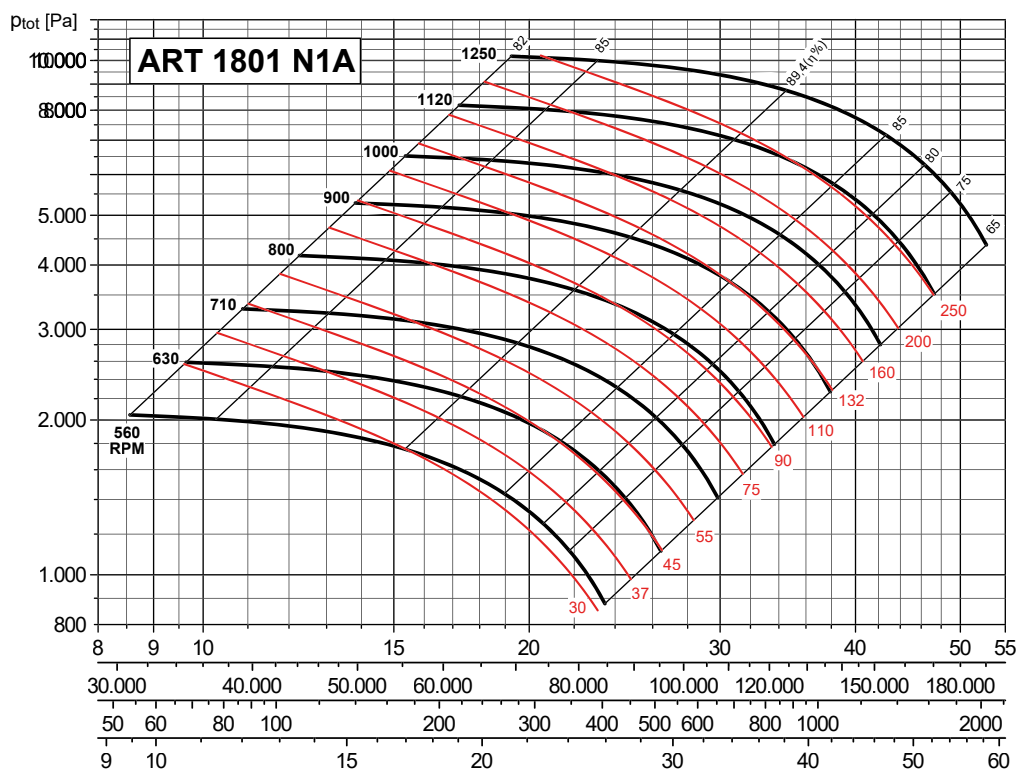
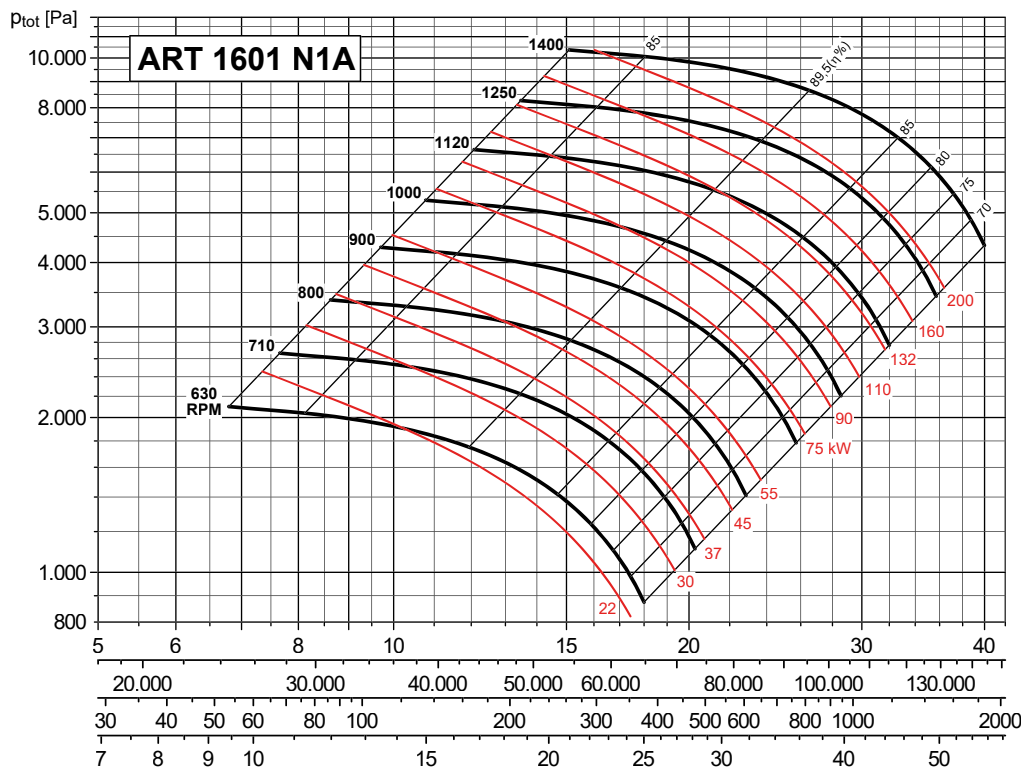
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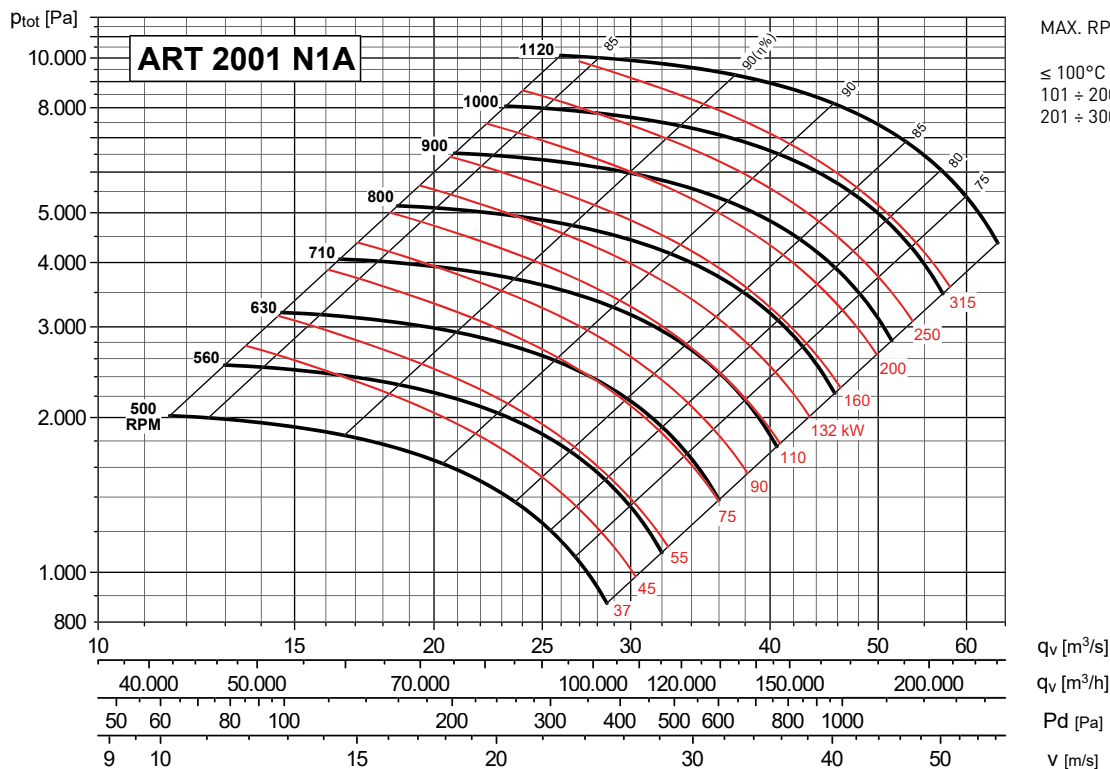
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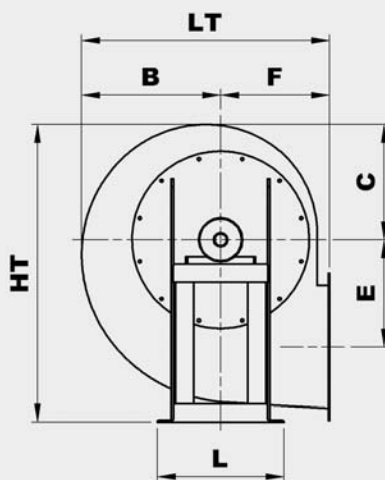
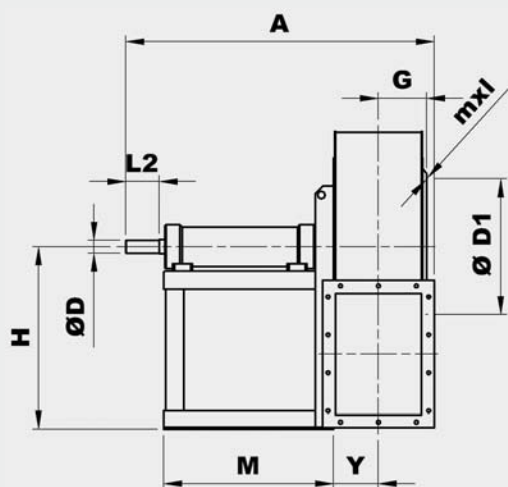
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# RODETE ÁLABES CURVADOS HACIA ATRÁS - ACOPLAMIENTO A TRANSMISIÓN BACKWARD CURVED IMPELLER - BELT DRIVE



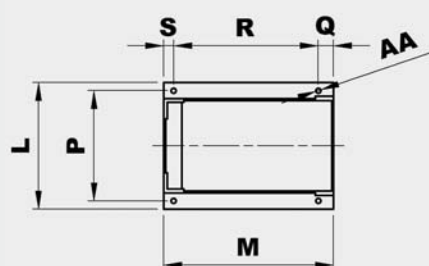
**DIMENSIONES (mm) (modelos desde 401 hasta 501) / DIMENSIONS (mm) (models from 401 to 501)**



DESCARGA ORIENTABLE  
DISCHARGE ADJUSTABLE

**EJECUCIÓN B**  
Con rodete de refrigeración,  
contactar con oficina técnica.

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



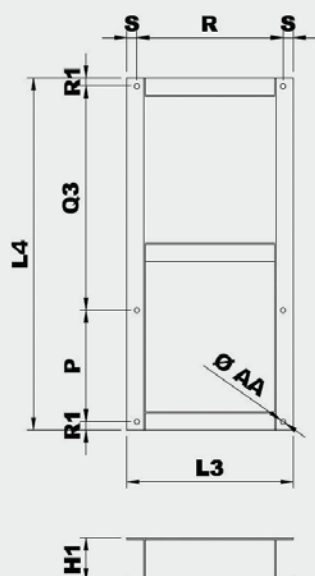
## ORIENTACIONES / POSITIONS

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

Para estas orientaciones, contactar con oficina técnica  
For these positions, please contact our technical office

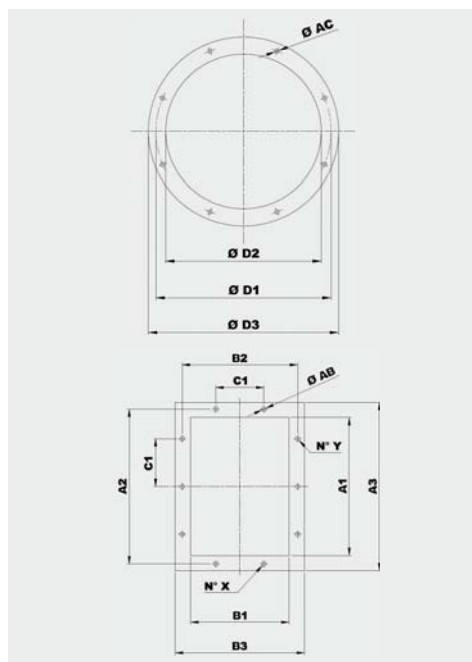
| Tipo ventilador<br>Fan type | Ventilador<br>Fan |     |     |      |     |     |     |     |     |     |      | Eje<br>Shaft |     | Base<br>Base |     |     |     |      |     |    |     |    |     |
|-----------------------------|-------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|--------------|-----|--------------|-----|-----|-----|------|-----|----|-----|----|-----|
|                             | A                 | B   | C   | Ø D1 | E   | F   | G   | H1  | H2  | H3  | HT   | mxl          | LT  | Ø D          | L2  | L   | M   | Ø AA | P   | Q  | R   | S  | Y   |
| ART 401 N1A                 | 803               | 375 | 330 | 292  | 319 | 285 | 104 | 500 | 285 | 500 | 830  | M8X20        | 660 | 38           | 80  | 400 | 485 | 14   | 355 | 50 | 407 | 28 | 96  |
| ART 451 N1A                 | 837               | 425 | 370 | 332  | 357 | 320 | 111 | 560 | 320 | 560 | 930  | M8X20        | 745 | 38           | 80  | 400 | 485 | 14   | 355 | 50 | 407 | 28 | 107 |
| ART 501 N1A                 | 965               | 470 | 410 | 366  | 395 | 360 | 125 | 600 | 360 | 600 | 1010 | M8X20        | 830 | 42           | 110 | 418 | 560 | 17   | 364 | 50 | 477 | 33 | 119 |

N12



| Modelo<br>Model | Bancada ejecución 12<br>Base frame arrangement 12 |     |     |      |     |     |      |    |      |  | Peso<br>Weight<br>(kg) |
|-----------------|---------------------------------------------------|-----|-----|------|-----|-----|------|----|------|--|------------------------|
|                 | H1                                                | P   | L3  | L4   | Q3  | R   | R1   | S  | Ø AA |  |                        |
| 401             | 120                                               | 355 | 463 | 1010 | 610 | 407 | 22,5 | 28 | 14   |  | 25                     |
| 451             | 120                                               | 355 | 463 | 1010 | 610 | 407 | 22,5 | 28 | 14   |  | 34                     |
| 501             | 140                                               | 364 | 543 | 1150 | 732 | 477 | 27   | 33 | 17   |  | 39                     |

# RODETE ÁLABES CURVADOS HACIA ATRÁS - ACOPLAMIENTO A TRANSMISIÓN BACKWARD CURVED IMPELLER - BELT DRIVE



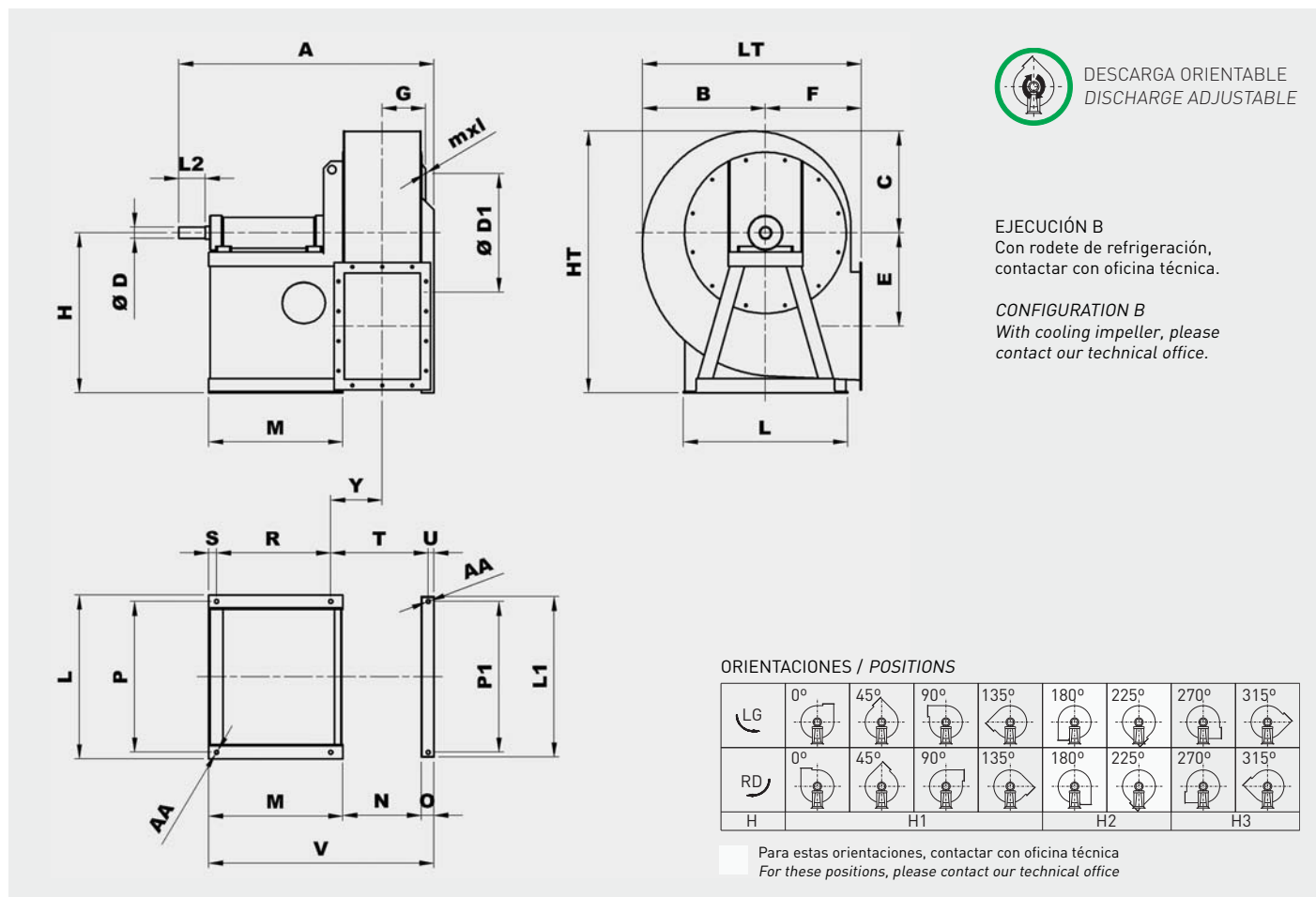
| Modelo<br>Model | Brida aspiración<br>Inlet flange |                  |                  |                  |                  |                   |
|-----------------|----------------------------------|------------------|------------------|------------------|------------------|-------------------|
|                 | Tipo brida<br>Bride type         | $\varnothing D1$ | $\varnothing D2$ | $\varnothing D3$ | $\varnothing AC$ | Agujeros<br>Holes |
| 401             | 250                              | 292              | 254              | 324              | 10               | 8                 |
| 451             | 280                              | 332              | 285              | 365              | 10               | 8                 |
| 501             | 315                              | 366              | 320              | 400              | 10               | 8                 |

| Modelo<br>Model | Brida descarga<br>Discharge flange |     |     |     |     |     |     |     |      |     |     |
|-----------------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
|                 | Tipo brida<br>Bride type           | A1  | B1  | A2  | B2  | A3  | B3  | C1  | Ø AB | NºX | NºY |
| 401             | 250x180                            | 256 | 183 | 292 | 219 | 326 | 253 | 112 | 12   | 2+2 | 3+3 |
| 451             | 280x200                            | 288 | 205 | 332 | 249 | 368 | 285 | 125 | 12   | 2+2 | 3+3 |
| 501             | 315x224                            | 322 | 229 | 366 | 273 | 402 | 309 | 125 | 12   | 2+2 | 3+3 |

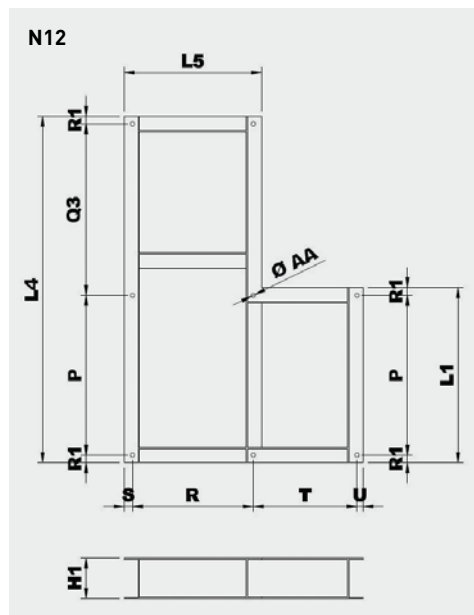
# RODETE ÁLABES CURVADOS HACIA ATRÁS - ACOPLAMIENTO A TRANSMISIÓN BACKWARD CURVED IMPELLER - BELT DRIVE



**DIMENSIONES (mm) (modelos desde 561 hasta 631) / DIMENSIONS (mm) (models from 561 to 631)**



| Tipo ventilador<br>Fan type | Ventilador<br>Fan |     |     |      |     |     |     |     |     |     |      |       | Eje<br>Shaft |     |     | Base<br>Base |     |     |      |     |    |     |     |     |    |     |    |     |     |  |
|-----------------------------|-------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|-------|--------------|-----|-----|--------------|-----|-----|------|-----|----|-----|-----|-----|----|-----|----|-----|-----|--|
|                             | A                 | B   | C   | Ø D1 | E   | F   | G   | H   |     |     | HT   | mxL   | LT           | Ø D | L2  | L            | L1  | M   | Ø AA | N   | O  | P   | P1  | R   | S  | T   | U  | V   | Y   |  |
|                             |                   |     |     |      |     |     |     | H1  | H2  | H3  |      |       |              |     |     |              |     |     |      |     |    |     |     |     |    |     |    |     |     |  |
| ART 561 N1A                 | 1005              | 550 | 455 | 405  | 437 | 400 | 143 | 670 | 400 | 670 | 1125 | M8X20 | 950          | 48  | 110 | 686          | 672 | 560 | 17   | 264 | 53 | 632 | 632 | 477 | 33 | 344 | 23 | 877 | 182 |  |
| ART 631 N1A                 | 1040              | 585 | 515 | 448  | 493 | 450 | 164 | 750 | 450 | 750 | 1265 | M8X20 | 1035         | 48  | 110 | 756          | 762 | 560 | 17   | 297 | 53 | 702 | 702 | 477 | 33 | 377 | 23 | 910 | 199 |  |

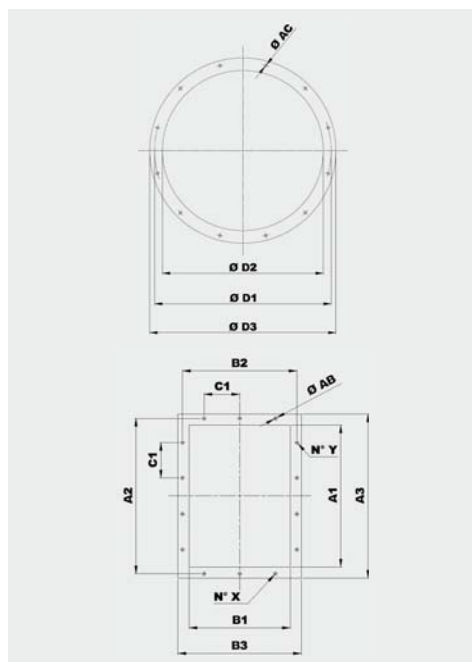


| Modelo<br>Model | Bancada ejecución 12<br>Base frame arrangement 12 |     |     |        |     |       |     |    |    |     |    |      |  | Peso<br>Weight (kg) |
|-----------------|---------------------------------------------------|-----|-----|--------|-----|-------|-----|----|----|-----|----|------|--|---------------------|
|                 | H1                                                | P   | L1  | L4     | L5  | Q3    | R   | R1 | S  | T   | U  | Ø AA |  |                     |
| 561 N12A        | 160                                               | 632 | 692 | 1370*  | 543 | 678*  | 477 | 30 | 33 | 344 | 23 | 17   |  | 59                  |
| 631 N12A        | 160                                               | 702 | 762 | 1470** | 543 | 708** | 477 | 30 | 33 | 377 | 23 | 17   |  | 75                  |

\* Para motores de talla 200, esta cota aumenta en 100 mm / For motor size 200-225, increase this dimension 100 mm

\*\* Para motores de talla 200-225, esta cota aumenta en 100 mm / For motor size 200-225, increase this dimension 100 mm

# RODETE ÁLABES CURVADOS HACIA ATRÁS - ACOPLAMIENTO A TRANSMISIÓN BACKWARD CURVED IMPELLER - BELT DRIVE



| Modelo<br>Model | Brida aspiración<br>Inlet flange |                  |                  |                  |                  |                   |
|-----------------|----------------------------------|------------------|------------------|------------------|------------------|-------------------|
|                 | Tipo brida<br>Bride type         | $\varnothing D1$ | $\varnothing D2$ | $\varnothing D3$ | $\varnothing AC$ | Agujeros<br>Holes |
| 561             | 355                              | 405              | 360              | 440              | 10               | 8                 |
| 631             | 400                              | 448              | 405              | 485              | 10               | 12                |

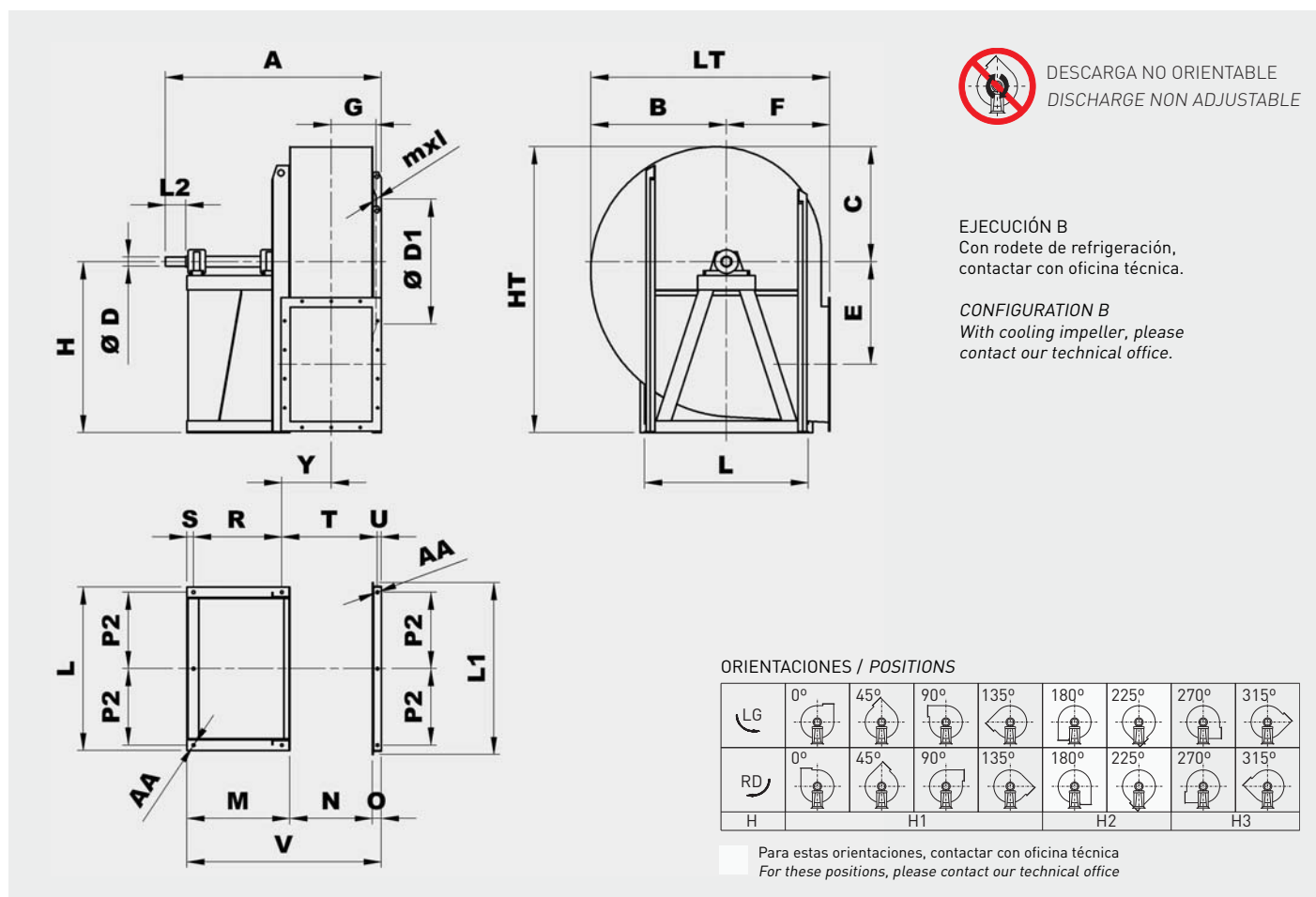
| Modelo<br>Model | Brida descarga<br>Discharge flange |     |     |     |     |     |     |     |                  |     |     |
|-----------------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|------------------|-----|-----|
|                 | Tipo brida<br>Bride type           | A1  | B1  | A2  | B2  | A3  | B3  | C1  | $\varnothing AB$ | NºX | NºY |
| 561             | 355x250                            | 361 | 256 | 405 | 300 | 441 | 336 | 125 | 12               | 2+2 | 3+3 |
| 631             | 400x280                            | 404 | 288 | 448 | 332 | 484 | 368 | 125 | 12               | 3+3 | 4+4 |



# RODETE ÁLABES CURVADOS HACIA ATRÁS - ACOPLAMIENTO A TRANSMISIÓN BACKWARD CURVED IMPELLER - BELT DRIVE



**DIMENSIONES (mm) (modelos desde 711 hasta 2001) / DIMENSIONS (mm) (models from 711 to 2001)**



| Tipo ventilador<br>Fan type | Ventilador<br>Fan |      |      |      |      |      |     |      |      |      |      |        |      | Eje<br>Shaft |     |      |      | Base<br>Base |      |     |     |      |     |    |      |    |      |     |  |  |
|-----------------------------|-------------------|------|------|------|------|------|-----|------|------|------|------|--------|------|--------------|-----|------|------|--------------|------|-----|-----|------|-----|----|------|----|------|-----|--|--|
|                             | A                 | B    | C    | Ø D1 | E    | F    | G   | H    |      |      | HT   | mxl    | LT   | Ø D          | L2  | L    | L1   | M            | Ø AA | N   | O   | P2   | R   | S  | T    | U  | V    | Y   |  |  |
|                             |                   |      |      |      |      |      |     | H1   | H2   | H3   |      |        |      |              |     |      |      |              |      |     |     |      |     |    |      |    |      |     |  |  |
| ART 711 N1A                 | 1140              | 730  | 565  | 497  | 558  | 500  | 181 | 670  | 500  | 850  | 1415 | M8X20  | 1230 | 48           | 110 | 836  | 896  | 650          | 19   | 322 | 60  | 386  | 551 | 39 | 415  | 27 | 1032 | 221 |  |  |
| ART 801 N1A                 | 1210              | 810  | 630  | 551  | 625  | 560  | 200 | 750  | 560  | 950  | 1580 | M8X20  | 1370 | 55           | 110 | 926  | 986  | 650          | 19   | 361 | 60  | 431  | 551 | 39 | 454  | 27 | 1071 | 241 |  |  |
| ART 901 N1A                 | 1250              | 900  | 705  | 629  | 703  | 630  | 227 | 850  | 630  | 1060 | 1765 | M8X20  | 1530 | 55           | 110 | 1026 | 1086 | 650          | 19   | 404 | 60  | 481  | 551 | 39 | 497  | 27 | 1114 | 262 |  |  |
| ART 1001 N1A                | 1380              | 973  | 795  | 698  | 791  | 710  | 251 | 950  | 710  | 1180 | 1975 | M8X25  | 1683 | 65           | 140 | 1128 | 1188 | 707          | 19   | 453 | 60  | 528  | 607 | 45 | 541  | 27 | 1220 | 282 |  |  |
| ART 1121 N1A                | 1640              | 1125 | 895  | 775  | 891  | 800  | 278 | 1060 | 800  | 1320 | 2215 | M10X30 | 1925 | 75           | 140 | 1268 | 1348 | 885          | 24   | 507 | 80  | 589  | 760 | 45 | 632  | 35 | 1472 | 334 |  |  |
| ART 1251 N1A                | 1700              | 1220 | 1005 | 861  | 1003 | 900  | 314 | 1180 | 900  | 1500 | 2505 | M10X30 | 2120 | 75           | 140 | 1400 | 1480 | 885          | 24   | 569 | 80  | 655  | 760 | 45 | 694  | 35 | 1534 | 365 |  |  |
| ART 1401 N1A                | 1845              | 1395 | 1115 | 958  | 1116 | 1000 | 349 | 1320 | 1000 | 1700 | 2815 | M10X30 | 2395 | 80           | 170 | 1560 | 1640 | 935          | 24   | 638 | 80  | 725  | 780 | 55 | 783  | 35 | 1653 | 419 |  |  |
| ART 1601 N1A                | 2110              | 1500 | 1245 | 1067 | 1250 | 1120 | 397 | 1500 | 1120 | 1900 | 3145 | M10X30 | 2620 | 90           | 170 | 1750 | 1850 | 1102         | 28   | 715 | 100 | 820  | 917 | 65 | 890  | 45 | 1917 | 478 |  |  |
| ART 1801 N1A                | 2285              | 1770 | 1390 | 1200 | 1395 | 1250 | 412 | 1650 | 1250 | 2120 | 3510 | M10    | 3020 | 100          | 210 | 1950 | 1950 | 1102         | 28   | 801 | 120 | 915  | 917 | 65 | 986  | 55 | 2023 | 521 |  |  |
| ART 2001 N1A                | 2380              | 1965 | 1555 | 1337 | 1563 | 1400 | 462 | 1850 | 1400 | 2360 | 3915 | M10    | 3365 | 100          | 210 | 2150 | 2150 | 1102         | 28   | 898 | 120 | 1015 | 917 | 65 | 1083 | 55 | 2120 | 569 |  |  |

LG0 - RD0  
LG270 - RD270  
Sólo para estas orientaciones. Consultar con oficina técnica para diferentes posiciones / Only for these orientations. Ask our technical office for other positions



**FERRARO**  
INDUSTRIAL FAN TECHNOLOGIES



\*\* Para motores de talla 250-280, esta cota aumenta en 100 mm / For motor size 250-280, increase this dimension 100 mm

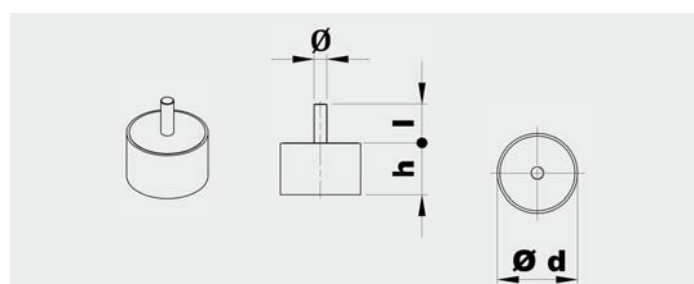


| Modelo<br>Model | Brida descarga<br>Discharge flange |      |     |      |     |      |      |     |      |     |     |
|-----------------|------------------------------------|------|-----|------|-----|------|------|-----|------|-----|-----|
|                 | Tipo brida<br>Bride type           | A1   | B1  | A2   | B2  | A3   | B3   | C1  | Ø AB | NºX | NºY |
| 711             | 450x315                            | 453  | 322 | 497  | 366 | 533  | 402  | 125 | 12   | 3+3 | 4+4 |
| 801             | 500x355                            | 507  | 361 | 551  | 405 | 587  | 441  | 125 | 12   | 3+3 | 4+4 |
| 901             | 560x400                            | 569  | 404 | 629  | 464 | 669  | 504  | 160 | 14   | 3+3 | 4+4 |
| 1001            | 630x450                            | 638  | 453 | 698  | 513 | 738  | 553  | 160 | 14   | 3+3 | 4+4 |
| 1121            | 710x500                            | 715  | 507 | 775  | 567 | 815  | 607  | 160 | 14   | 3+3 | 5+5 |
| 1251            | 800x560                            | 801  | 569 | 871  | 639 | 921  | 689  | 200 | 14   | 3+3 | 4+4 |
| 1401            | 900x630                            | 898  | 638 | 968  | 708 | 1018 | 758  | 200 | 14   | 4+4 | 5+5 |
| 1601            | 1000x710                           | 1007 | 715 | 1077 | 785 | 1127 | 835  | 200 | 14   | 4+4 | 5+5 |
| 1801            | 1120x800                           | 1130 | 801 | 1210 | 881 | 1270 | 941  | 200 | 18   | 4+4 | 6+6 |
| 2001            | 1250x900                           | 1267 | 898 | 1347 | 978 | 1407 | 1038 | 200 | 18   | 5+5 | 7+7 |

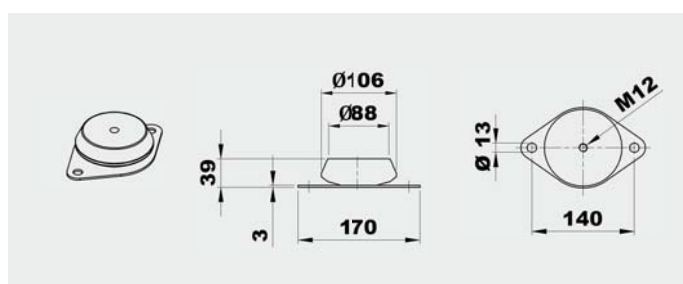
## AMORTIGUADORES / SILENT BLOCKS

### Amortiguadores recomendados / Suggested silent blocks

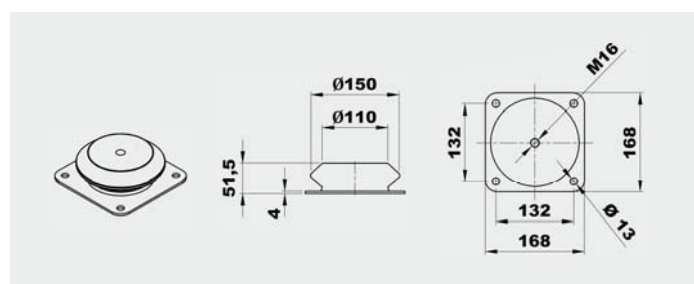
| Ventilador / Fan | Ejecución 9 / Arrangement 9 | Ejecución 12 / Arrangement 12 |
|------------------|-----------------------------|-------------------------------|
| 401/2            | 4 x AM 40 - 40 x 30         | 4 x AM 40 - 40 x 30           |
| 451/2            | 4 x AM 40 - 40 x 30         | 4 x AM 50 - 50 x 40           |
| 501/2            | 4 x AM 50 - 50 x 40         | 4 x AM 50 - 50 x 40           |
| 561/2            | 4 x AM 50 - 50 x 40         | 6 x AM 50 - 50 x 40           |
| 631/2            | 4 x AM 75 - 75 x 50         | 6 x AM 75 - 75 x 50           |
| 711/2            | 4 x AM 75 - 75 x 50         | 6 x AM 75 - 75 x 50           |
| 801/2            | 4 x AM 75 - 75 x 50         | 6 x AM 75 - 75 x 50           |
| 901/2            | 6 x AM 75 - 75 x 50         | 6 x AZ 39 - 140 x 39          |
| 1001/2           | 6 x AM 75 - 75 x 50         | 6 x AZ 39 - 140 x 39          |
| 1121/2           | 6 x AZ 39 - 140 x 39        | 6 x AZ 39 - 140 x 39          |
| 1251/2           | 6 x AZ 39 - 140 x 39        | 6 x AZ 51 - 132 x 51          |
| 1401/2           | 6 x AZ 51 - 132 x 51        | 6 x AZ 51 - 132 x 51          |
| 1601             | -                           | 6 x AZ 51 - 132 x 51          |
| 1801             | -                           | 6 x AZ 63 - 150 x 63          |
| 2001             | -                           | 6 x AZ 63 - 150 x 63          |



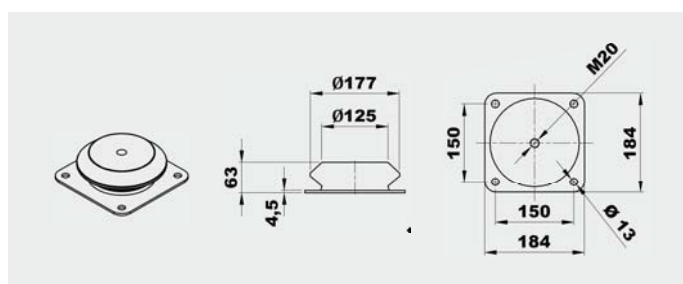
| Tipo Type | Carga para 4 soportes / Load for 4 supports (kg) | d  | h  | Ø   | l  | Peso / Weight (kg) |
|-----------|--------------------------------------------------|----|----|-----|----|--------------------|
| AM40      | 141÷224                                          | 40 | 30 | M8  | 23 | 0,1                |
| AM50      | 225÷315                                          | 50 | 40 | M10 | 28 | 0,2                |
| AM75      | 316÷630                                          | 75 | 50 | M12 | 37 | 0,5                |



| Tipo Type | Carga para 4 soportes Load for 4 supports (kg) | Peso Weight (kg) |
|-----------|------------------------------------------------|------------------|
| AZ 39     | 631÷1250                                       | 0,7              |

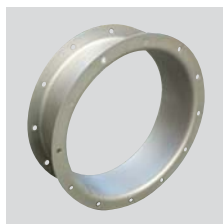


| Tipo Type | Carga para 4 soportes Load for 4 supports (kg) | Peso Weight (kg) |
|-----------|------------------------------------------------|------------------|
| AZ 51     | 1121÷1401                                      | 1,8              |

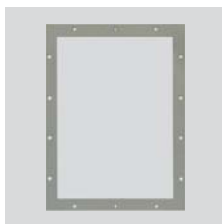


| Tipo Type | Carga para 4 soportes Load for 4 supports (kg) | Peso Weight (kg) |
|-----------|------------------------------------------------|------------------|
| AZ 63     | 1601÷2001                                      | 2,5              |

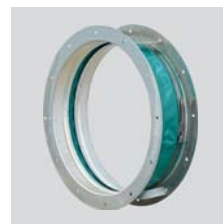
## ACCESORIOS / ACCESSORIES



**CA (CFH1) - CFH2 - CFH3**  
Contrabrida -  
Brida plana circular.  
*Counter-flange -  
Circular flange.*



**CP**  
Brida plana  
rectangular.  
*Rectangular Flange.*



**GA**  
Junta flexible  
aspiración.  
*Inlet flexible  
connector.*



**GP**  
Junta flexible  
descarga.  
*Outlet flexible  
connector.*



**DP**  
Regulador de caudal  
de aspiración.  
*Inlet damper  
governor.*



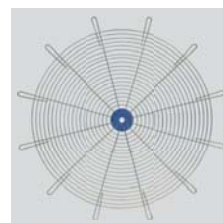
**SAD**  
Compuerta de  
regulación de caudal  
de descarga.  
*Air reducing damper  
at outlet.*



**SF**  
Válvula mariposa.  
*Throttle valve.*



**DF**  
Filtro en la  
aspiración.  
*Air filter at inlet.*



**RC**  
Rejilla de protección  
para la aspiración.  
*Protection net.*



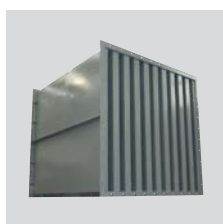
**AM/AZ**  
Soportes  
antivibratorios.  
*Silent blocks.*



**SCSO**  
Silenciador  
cilíndrico.  
*Cylindrical sound  
attenuator.*



**SCCO**  
Silenciador cilíndrico  
con bulbo.  
*Cylindrical sound  
attenuator with  
internal pot.*



**SASS**  
Silenciador  
rectangular.  
*Baffle type sound  
attenuator.*



**CI**  
Cabina de  
insonorización.  
*Noise enclosure.*

Ver información completa en "Accesorios de montaje".  
For more information see "Mounting accessories".