

CJDXR



Belt driven ventilation units with backward curved impeller, acoustic insulation, galvanised sheet steel finish



Fan:

- Galvanised steel sheet casing.
- Backward curved impeller made of painted sheet steel.
- Glands for cable entry.

Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

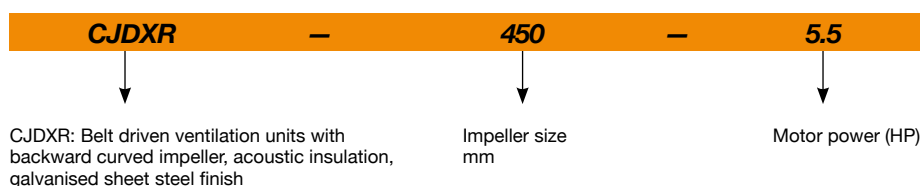
Finish:

- Galvanised sheet steel with thermal and acoustic insulation.

On request:

- Different outlet positions.
- Circular outlet.
- ATEX certification.

Order code



Technical characteristics

| Model | Speed (r/min) | Maximum admissible current (A) | | | Installed power max. (kW) | Maximum flow rate (m³/h) | Sound pressure level¹ dB (A) | Working temperature | | Approx. weight (Kg) | Mounting type |
|-------------------|------------------|--------------------------------|------|------|------------------------------|-----------------------------|---------------------------------|---------------------|------|------------------------|---------------|
| | | 230V | 400V | 690V | | | | min. | max. | | |
| CJDXR-200-0.33 | 2520 | 1.29 | 0.75 | | 0.25 | 2040 | 63 | -25 | 50 | 31 | A |
| CJDXR-200-0.5 | 2870 | 1.56 | 0.90 | | 0.37 | 2250 | 66 | -25 | 50 | 33 | A |
| CJDXR-200-0.75 | 3280 | 2.57 | 1.49 | | 0.55 | 2500 | 68 | -25 | 50 | 35 | A |
| CJDXR-200-1 IE3 | 3640 | 2.80 | 1.62 | | 0.75 | 2800 | 71 | -25 | 50 | 38 | A |
| CJDXR-200-1.5 IE3 | 4135 | 4.03 | 2.34 | | 1.10 | 3150 | 73 | -25 | 50 | 45 | A |
| CJDXR-200-2 IE3 | 4590 | 5.34 | 3.07 | | 1.50 | 3550 | 76 | -25 | 50 | 49 | A |
| CJDXR-200-3 IE3 | 4900 | 7.32 | 4.21 | | 2.20 | 3950 | 77 | -25 | 50 | 54 | A |
| CJDXR-250-0.33 | 1760 | 1.66 | 0.96 | | 0.25 | 2490 | 61 | -25 | 50 | 39 | A |
| CJDXR-250-0.5 | 2005 | 2.02 | 1.17 | | 0.37 | 2750 | 64 | -25 | 50 | 47 | A |
| CJDXR-250-0.75 | 2285 | 2.57 | 1.49 | | 0.55 | 3100 | 67 | -25 | 50 | 48 | A |
| CJDXR-250-1 IE3 | 2535 | 2.80 | 1.62 | | 0.75 | 3450 | 69 | -25 | 50 | 50 | A |
| CJDXR-250-1.5 IE3 | 2885 | 4.03 | 2.34 | | 1.10 | 3900 | 72 | -25 | 50 | 53 | A |
| CJDXR-250-2 IE3 | 3200 | 5.34 | 3.07 | | 1.50 | 4300 | 74 | -25 | 50 | 57 | A |
| CJDXR-250-3 IE3 | 3645 | 7.32 | 4.21 | | 2.20 | 4950 | 77 | -25 | 50 | 62 | A |
| CJDXR-250-4 IE3 | 4055 | 10.00 | 5.77 | | 3.00 | 5550 | 79 | -25 | 50 | 70 | A |
| CJDXR-315-0.75 | 1535 | 2.17 | 1.25 | | 0.55 | 5500 | 79 | -25 | 50 | 68 | B |
| CJDXR-315-1 IE3 | 1700 | 2.82 | 1.62 | | 0.75 | 6000 | 81 | -25 | 50 | 70 | B |
| CJDXR-315-1.5 IE3 | 1930 | 4.07 | 2.34 | | 1.10 | 6750 | 83 | -25 | 50 | 72 | B |
| CJDXR-315-2 IE3 | 2145 | 5.41 | 3.11 | | 1.50 | 7650 | 86 | -25 | 50 | 75 | B |
| CJDXR-315-3 IE3 | 2445 | 7.32 | 4.21 | | 2.20 | 8600 | 89 | -25 | 50 | 80 | B |
| CJDXR-315-4 IE3 | 2720 | 10.00 | 5.77 | | 3.00 | 9650 | 91 | -25 | 50 | 89 | B |

Technical characteristics

| Model | Speed (r/min) | Maximum admissible current (A) | | | Installed power max. (kW) | Maximum flow rate (m ³ /h) | Sound pressure level ¹ dB (A) | Working temperature | | Approx. weight (Kg) | Mounting type |
|-------------------|------------------|--------------------------------|-------|-------|------------------------------|--|---|---------------------|------|------------------------|---------------|
| | | 230V | 400V | 690V | | | | min. | max. | | |
| CJDXR-315-5.5 IE3 | 3000 | 13.00 | 7.50 | | 4.00 | 10600 | 93 | -25 | 50 | 104 | B |
| CJDXR-315-7.5 IE3 | 3200 | | 10.10 | 5.86 | 5.50 | 11870 | 95 | -25 | 50 | 128 | B |
| CJDXR-355-0.75 | 1285 | 2.17 | 1.25 | | 0.55 | 6400 | 68 | -25 | 50 | 77 | B |
| CJDXR-355-1 IE3 | 1425 | 2.82 | 1.62 | | 0.75 | 7100 | 70 | -25 | 50 | 82 | B |
| CJDXR-355-1.5 IE3 | 1615 | 4.07 | 2.34 | | 1.10 | 8060 | 73 | -25 | 50 | 92 | B |
| CJDXR-355-2 IE3 | 1795 | 5.41 | 3.11 | | 1.50 | 8890 | 75 | -25 | 50 | 96 | B |
| CJDXR-355-3 IE3 | 2045 | 7.93 | 4.56 | | 2.20 | 10100 | 78 | -25 | 50 | 105 | B |
| CJDXR-355-4 IE3 | 2285 | 10.00 | 5.77 | | 3.00 | 11395 | 81 | -25 | 50 | 111 | B |
| CJDXR-355-5.5 IE3 | 2520 | 13.00 | 7.50 | | 4.00 | 12545 | 83 | -25 | 50 | 123 | B |
| CJDXR-355-7.5 IE3 | 2800 | | 10.10 | 5.86 | 5.50 | 13955 | 85 | -25 | 50 | 148 | B |
| CJDXR-400-1.5 IE3 | 1330 | 4.07 | 2.34 | | 1.10 | 9350 | 70 | -25 | 50 | 101 | B |
| CJDXR-400-2 IE3 | 1475 | 5.41 | 3.11 | | 1.50 | 10260 | 73 | -25 | 50 | 105 | B |
| CJDXR-400-3 IE3 | 1680 | 7.93 | 4.56 | | 2.20 | 11650 | 75 | -25 | 50 | 114 | B |
| CJDXR-400-4 IE3 | 1870 | 10.70 | 6.15 | | 3.00 | 13110 | 78 | -25 | 50 | 120 | B |
| CJDXR-400-5.5 IE3 | 2065 | 13.90 | 8.00 | | 4.00 | 14430 | 80 | -25 | 50 | 132 | B |
| CJDXR-400-7.5 IE3 | 2305 | | 10.10 | 5.86 | 5.50 | 16040 | 82 | -25 | 50 | 157 | B |
| CJDXR-400-10 IE3 | 2390 | | 14.10 | 8.17 | 7.50 | 17250 | 83 | -25 | 50 | 166 | B |
| CJDXR-450-1.5 IE3 | 1105 | 4.07 | 2.34 | | 1.10 | 10750 | 74 | -25 | 50 | 120 | B |
| CJDXR-450-2 IE3 | 1225 | 5.41 | 3.11 | | 1.50 | 11960 | 76 | -25 | 50 | 123 | B |
| CJDXR-450-3 IE3 | 1400 | 7.93 | 4.56 | | 2.20 | 13600 | 79 | -25 | 50 | 132 | B |
| CJDXR-450-4 IE3 | 1555 | 10.70 | 6.15 | | 3.00 | 15100 | 81 | -25 | 50 | 138 | B |
| CJDXR-450-5.5 IE3 | 1720 | 13.90 | 8.00 | | 4.00 | 16835 | 83 | -25 | 50 | 150 | B |
| CJDXR-450-7.5 IE3 | 1915 | | 10.30 | 5.97 | 5.50 | 18500 | 86 | -25 | 50 | 176 | B |
| CJDXR-450-10 IE3 | 2125 | | 13.90 | 8.06 | 7.50 | 20760 | 88 | -25 | 50 | 185 | B |
| CJDXR-450-15 IE3 | 2190 | | 20.90 | 12.10 | 11.00 | 21890 | 89 | -25 | 50 | 236 | B |
| CJDXR-500-1.5 IE3 | 910 | 4.07 | 2.34 | | 1.10 | 12460 | 71 | -25 | 50 | 140 | B |
| CJDXR-500-2 IE3 | 1015 | 5.41 | 3.11 | | 1.50 | 13815 | 73 | -25 | 50 | 143 | B |
| CJDXR-500-3 IE3 | 1155 | 7.93 | 4.56 | | 2.20 | 15700 | 76 | -25 | 50 | 152 | B |
| CJDXR-500-4 IE3 | 1285 | 10.70 | 6.15 | | 3.00 | 17650 | 79 | -25 | 50 | 158 | B |
| CJDXR-500-5.5 IE3 | 1415 | 13.90 | 8.00 | | 4.00 | 19430 | 81 | -25 | 50 | 170 | B |
| CJDXR-500-7.5 IE3 | 1580 | | 10.30 | 5.97 | 5.50 | 21600 | 83 | -25 | 50 | 196 | B |
| CJDXR-500-10 IE3 | 1755 | | 13.90 | 8.06 | 7.50 | 23950 | 85 | -25 | 50 | 205 | B |
| CJDXR-500-15 IE3 | 1995 | | 20.90 | 12.10 | 11.00 | 27220 | 88 | -25 | 50 | 256 | B |
| CJDXR-500-20 IE3 | 2065 | | 27.90 | 16.20 | 15.00 | 29050 | 89 | -25 | 50 | 251 | B |
| CJDXR-560-2 IE3 | 840 | 5.41 | 3.11 | | 1.50 | 15620 | 79 | -25 | 50 | 212 | B |
| CJDXR-560-3 IE3 | 955 | 7.93 | 4.56 | | 2.20 | 17830 | 82 | -25 | 50 | 221 | B |
| CJDXR-560-4 IE3 | 1060 | 10.70 | 6.15 | | 3.00 | 20380 | 84 | -25 | 50 | 227 | B |
| CJDXR-560-5.5 IE3 | 1170 | 13.90 | 8.00 | | 4.00 | 22170 | 86 | -25 | 50 | 239 | B |
| CJDXR-560-7.5 IE3 | 1310 | | 10.30 | 5.97 | 5.50 | 24940 | 89 | -25 | 50 | 265 | B |
| CJDXR-560-10 IE3 | 1450 | | 13.90 | 8.06 | 7.50 | 27660 | 91 | -25 | 50 | 274 | B |
| CJDXR-560-15 IE3 | 1650 | | 20.90 | 12.10 | 11.00 | 31050 | 94 | -25 | 50 | 325 | B |
| CJDXR-560-20 IE3 | 1800 | | 27.90 | 16.20 | 15.00 | 34710 | 96 | -25 | 50 | 320 | B |
| CJDXR-630-2 IE3 | 680 | 5.41 | 3.11 | | 1.50 | 19160 | 76 | -25 | 50 | 251 | B |
| CJDXR-630-3 IE3 | 775 | 7.93 | 4.56 | | 2.20 | 21210 | 78 | -25 | 50 | 261 | B |
| CJDXR-630-4 IE3 | 860 | 10.70 | 6.15 | | 3.00 | 23860 | 81 | -25 | 50 | 281 | B |
| CJDXR-630-5.5 IE3 | 950 | 13.90 | 8.00 | | 4.00 | 26260 | 83 | -25 | 50 | 291 | B |
| CJDXR-630-7.5 IE3 | 1060 | | 10.30 | 5.97 | 5.50 | 29200 | 85 | -25 | 50 | 300 | B |
| CJDXR-630-10 IE3 | 1175 | | 13.90 | 8.06 | 7.50 | 32385 | 88 | -25 | 50 | 320 | B |
| CJDXR-630-15 IE3 | 1335 | | 20.90 | 12.10 | 11.00 | 36800 | 90 | -25 | 50 | 355 | B |
| CJDXR-630-20 IE3 | 1480 | | 27.90 | 16.20 | 15.00 | 41415 | 93 | -25 | 50 | 409 | B |
| CJDXR-630-25 IE3 | 1590 | | 35.10 | 20.30 | 18.50 | 44410 | 94 | -25 | 50 | 427 | B |
| CJDXR-630-30 IE3 | 1685 | | 41.00 | 23.80 | 22.00 | 47050 | 95 | -25 | 50 | 436 | B |
| CJDXR-710-3 IE3 | 645 | 7.93 | 4.56 | | 2.20 | 23200 | 87 | -25 | 50 | 324 | B |
| CJDXR-710-4 IE3 | 720 | 10.70 | 6.15 | | 3.00 | 26200 | 89 | -25 | 50 | 344 | B |
| CJDXR-710-5.5 IE3 | 795 | 13.90 | 8.00 | | 4.00 | 29200 | 91 | -25 | 50 | 354 | B |

Technical characteristics

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|-------------------|------------------|--------------------------------|-------|-------|------------------------------|--|---|---------------------|------|------------------------|---------------|
| | | 230V | 400V | 690V | | | | min. | max. | | |
| CJDXR-710-7.5 IE3 | 885 | 10.30 | 5.97 | 5.50 | 32200 | 94 | -25 | 50 | 364 | B | |
| CJDXR-710-10 IE3 | 985 | 13.90 | 8.06 | 7.50 | 35600 | 96 | -25 | 50 | 384 | B | |
| CJDXR-710-15 IE3 | 1115 | 20.90 | 12.10 | 11.00 | 40600 | 99 | -25 | 50 | 419 | B | |
| CJDXR-710-20 IE3 | 1240 | 27.90 | 16.20 | 15.00 | 45600 | 101 | -25 | 50 | 473 | B | |
| CJDXR-710-25 IE3 | 1330 | 35.10 | 20.30 | 18.50 | 49000 | 103 | -25 | 50 | 491 | B | |
| CJDXR-710-30 IE3 | 1400 | 41.00 | 23.80 | 22.00 | 52000 | 104 | -25 | 50 | 500 | B | |

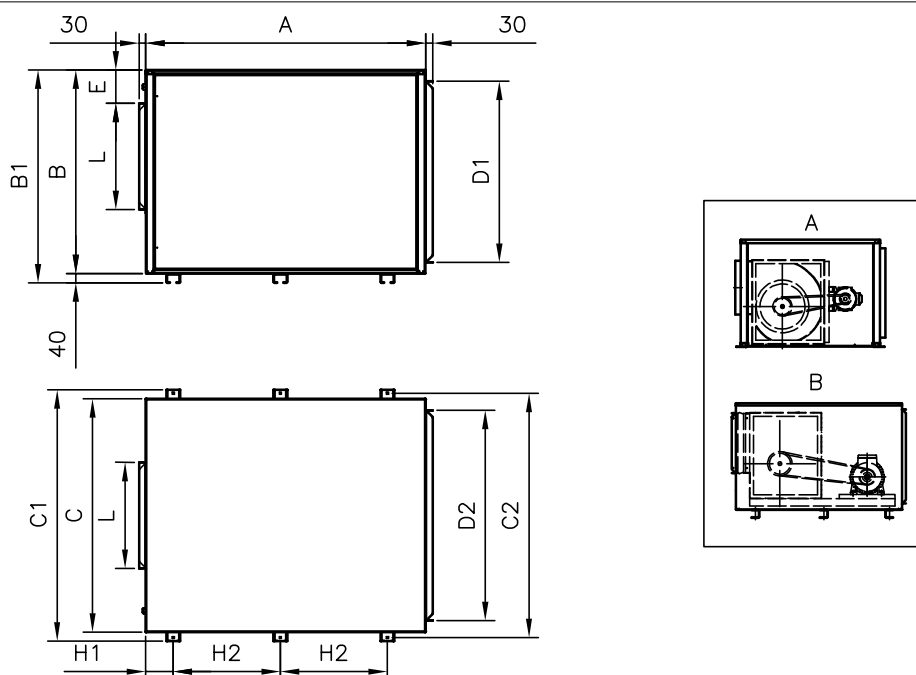
1. The noise level values are pressures in dB(A) measured at a distance of 3 metres in a free field.



Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Dimensions mm



| | A | B | B1 | C | C1 | C2 | D1 | D2 | E | H1 | H2 | L | Mounting type |
|-----------|------|------|------|------|------|------|------|------|-----|-----|-------|-----|---------------|
| CJDXR-200 | 650 | 460 | - | 500 | - | - | 364 | 404 | 55 | - | - | 257 | A |
| CJDXR-250 | 850 | 650 | - | 700 | - | - | 554 | 604 | 154 | - | - | 324 | A |
| CJDXR-315 | 1000 | 755 | 795 | 800 | 940 | 910 | 660 | 705 | 97 | 130 | 341.2 | 405 | B |
| CJDXR-355 | 1200 | 875 | 915 | 1000 | 1080 | 1050 | 780 | 905 | 140 | 120 | 460 | 455 | B |
| CJDXR-400 | 1400 | 1175 | 1215 | 1100 | 1280 | 1250 | 1080 | 1005 | 355 | 95 | 587.5 | 510 | B |
| CJDXR-450 | 1460 | 1250 | 1290 | 1250 | 1350 | 1320 | 1155 | 1155 | 330 | 80 | 647.5 | 575 | B |
| CJDXR-500 | 1660 | 1375 | 1415 | 1450 | 1550 | 1520 | 1280 | 1355 | 365 | 80 | 737.5 | 640 | B |
| CJDXR-560 | 1660 | 1375 | 1415 | 1450 | 1550 | 1520 | 1280 | 1355 | 255 | 80 | 737.5 | 720 | B |
| CJDXR-630 | 1800 | 1600 | 1640 | 1650 | 1770 | 1740 | 1505 | 1555 | 350 | 85 | 807.5 | 805 | B |
| CJDXR-710 | 2150 | 1600 | 1640 | 1650 | 1770 | 1740 | 1505 | 1555 | 185 | 120 | 637 | 900 | B |

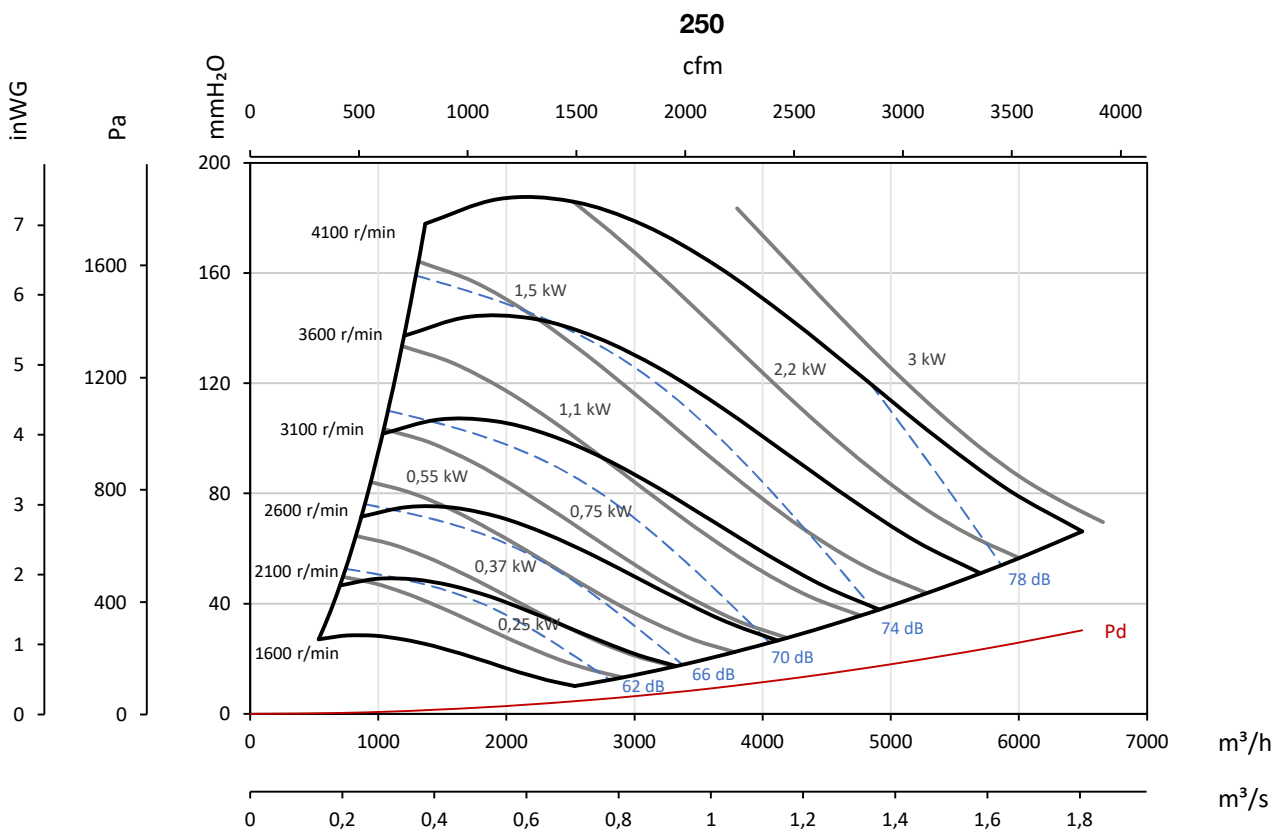
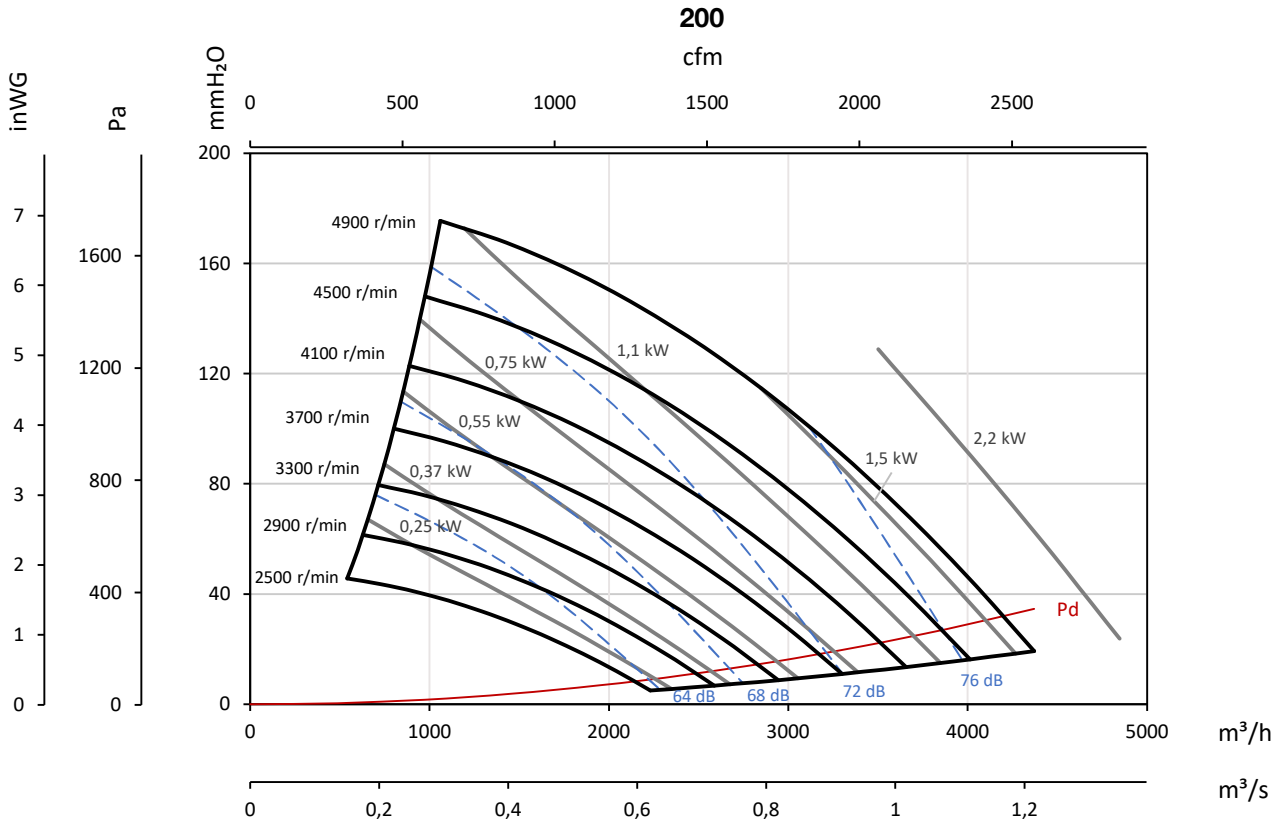
Accessories



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

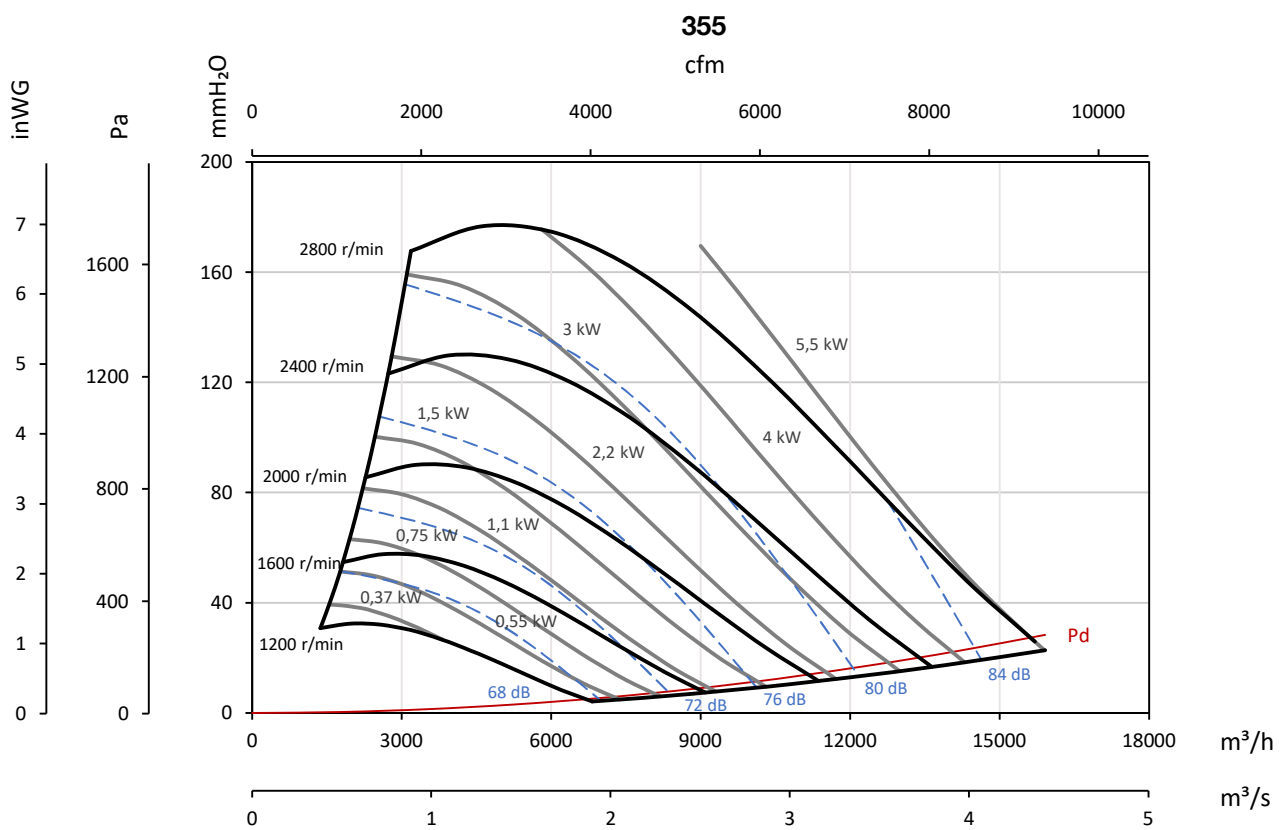
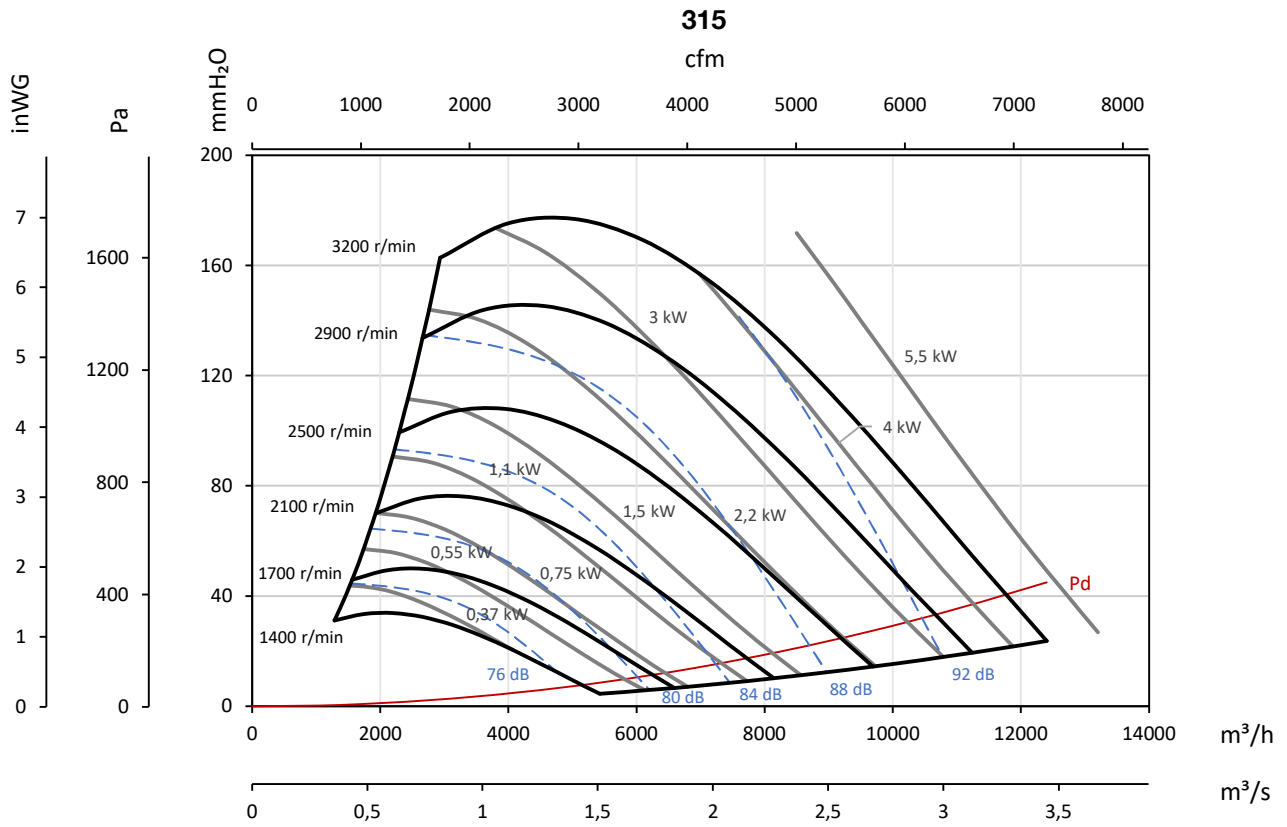
Pe= Static pressure in mm H₂O, Pa and inWG



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

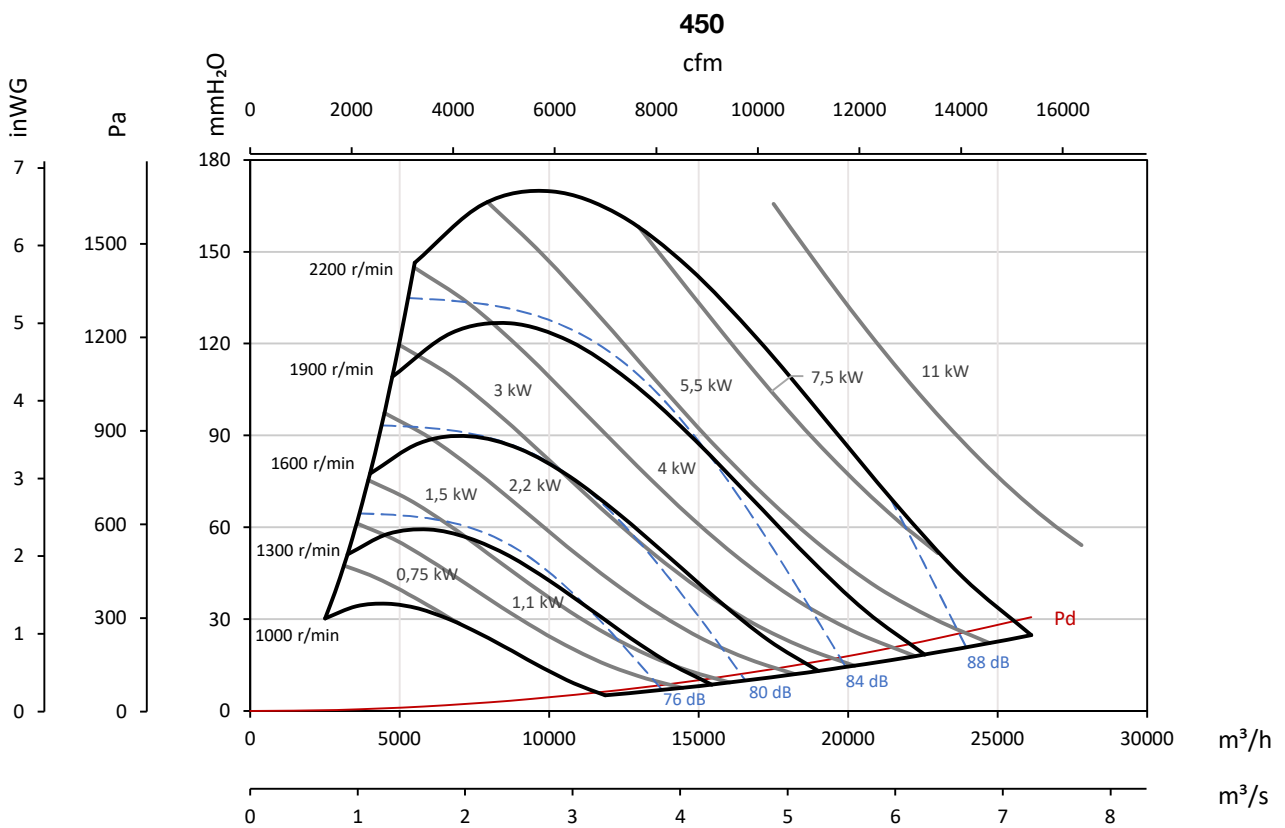
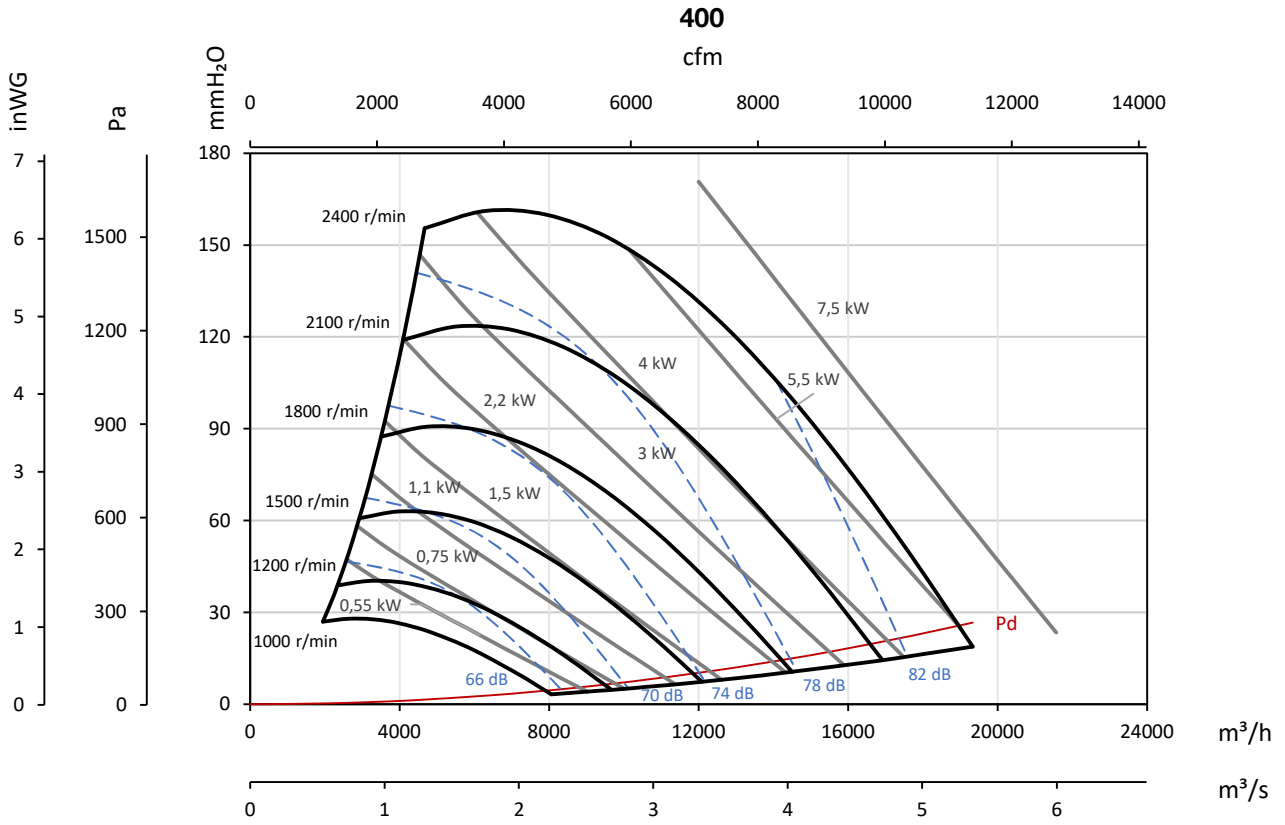
Pe= Static pressure in mm H₂O, Pa and inWG



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

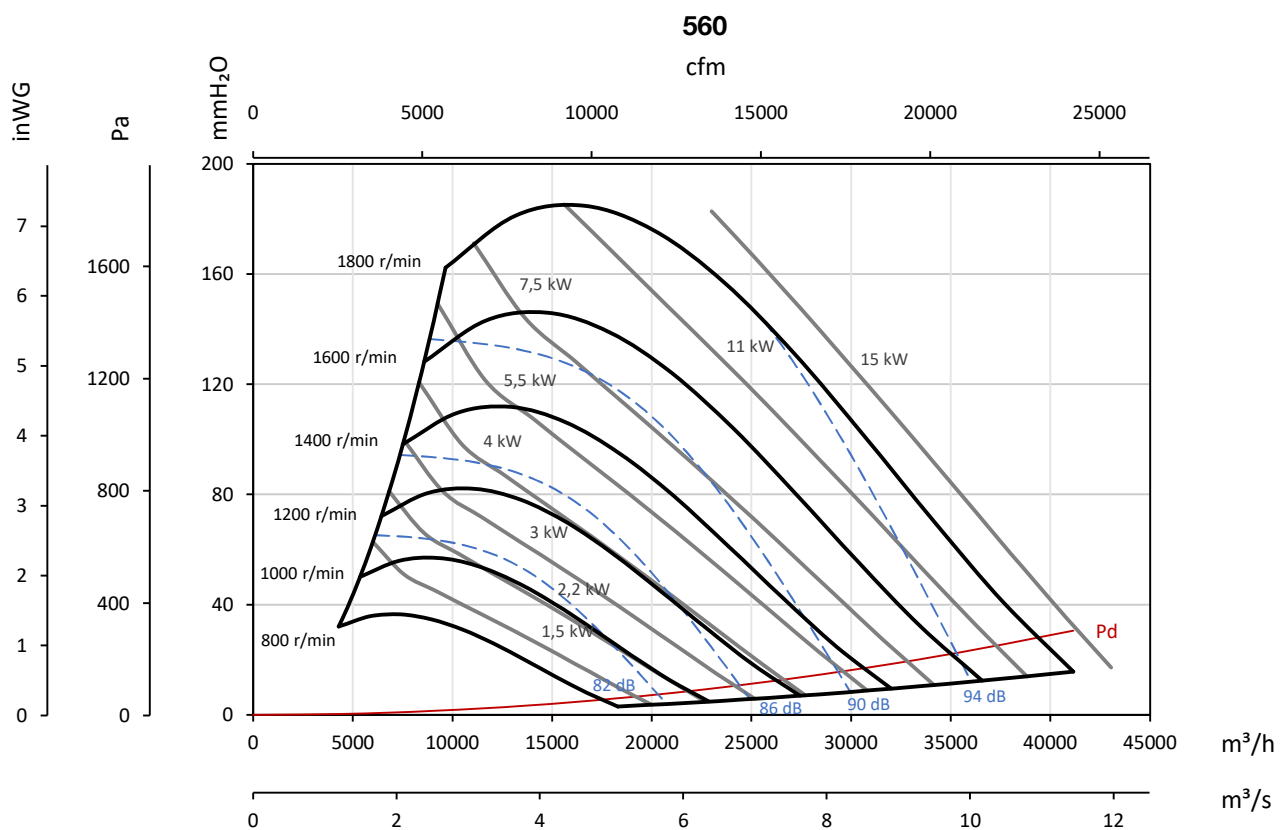
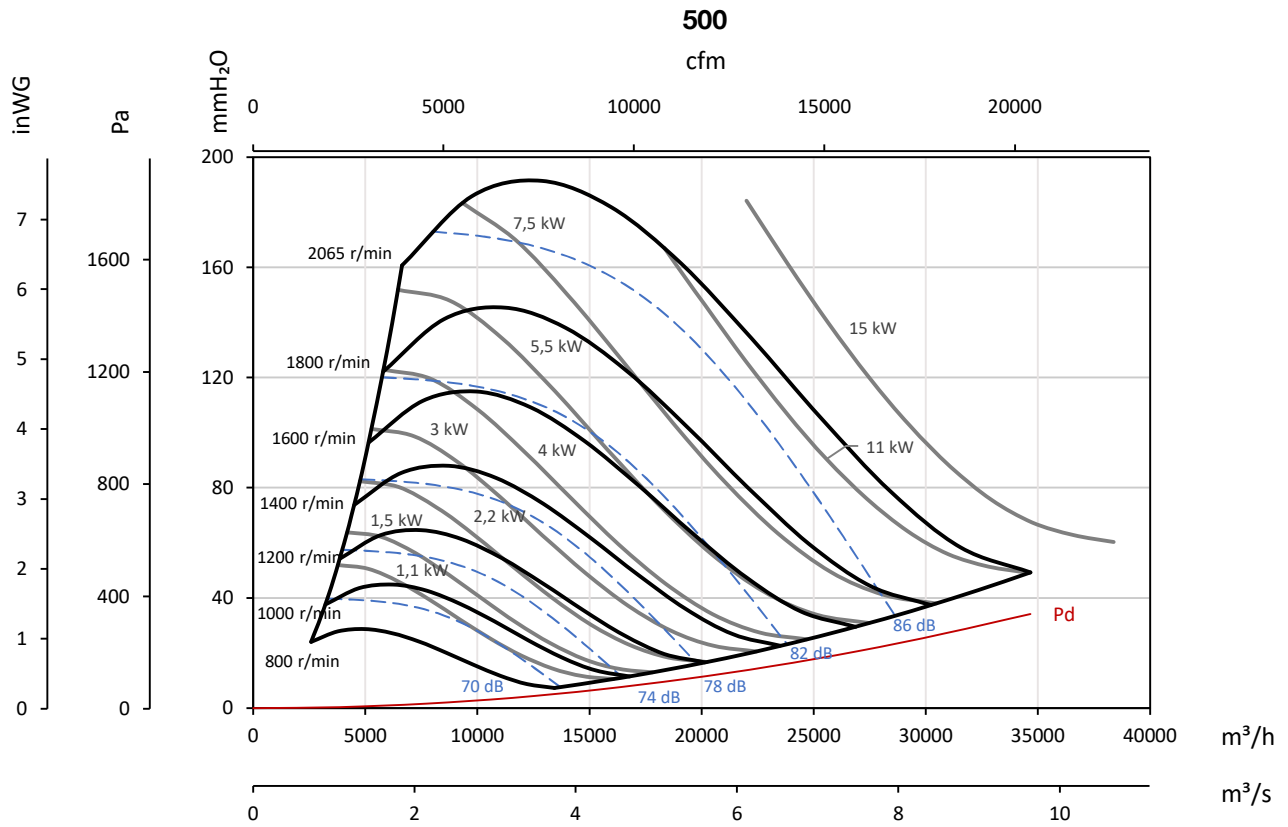
Pe= Static pressure in mm H₂O, Pa and inWG



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inWG



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inWG

