

VN-LBT ATEX



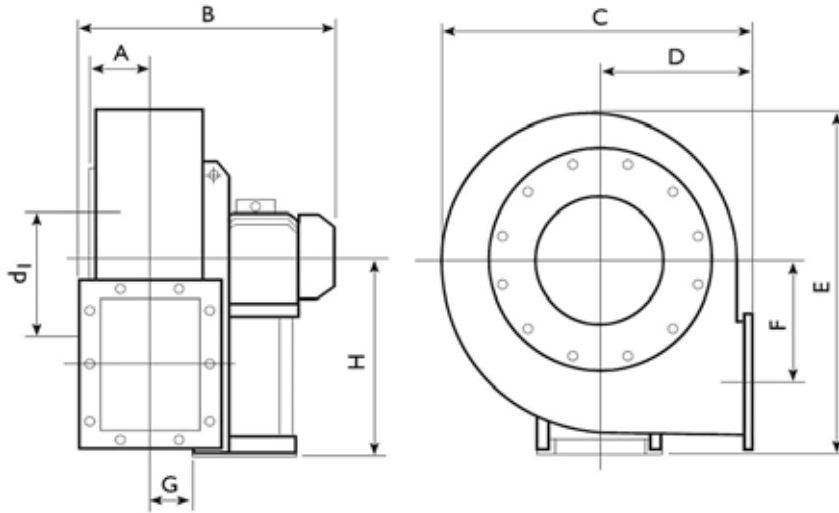
ATEX centrifugal fan with forward curved blades.

The possibilities are extensive and besides the type below, there are more possibilities to achieve the required working point.

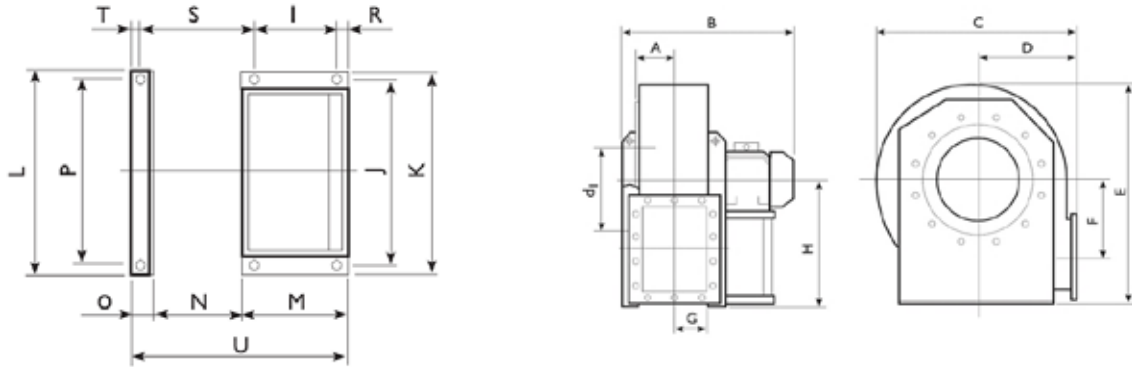
| | |
|-------------|--|
| Sizes | 220 up to 560 mm |
| Motor | Atex motor IP55, 230/1/50 or 400/50 |
| Capacity | up to 35.000 m ³ /h |
| Pressure | up to 2.680 Pa |
| Control | Frequency converter |
| Casing | Steel with epoxy coating / Stainless steel 304, 316 |
| Impeller | Steel / Stainless steel 304, 316 |
| Extra | Motors for different voltages, frequencies and with certificates |
| Atex | Gas : zone 1 II2G and 2 II3G Dust : zone 21 II2D and 22 II3D |
| Accessories | Inspection window / Feet support / Protection grids / Flexible connections / Flanges / Anti-vibration mounts / Drain / Shutters / Switches / Sound insulated cabins / Frequency converters |

More information about the capacities and pressures on request

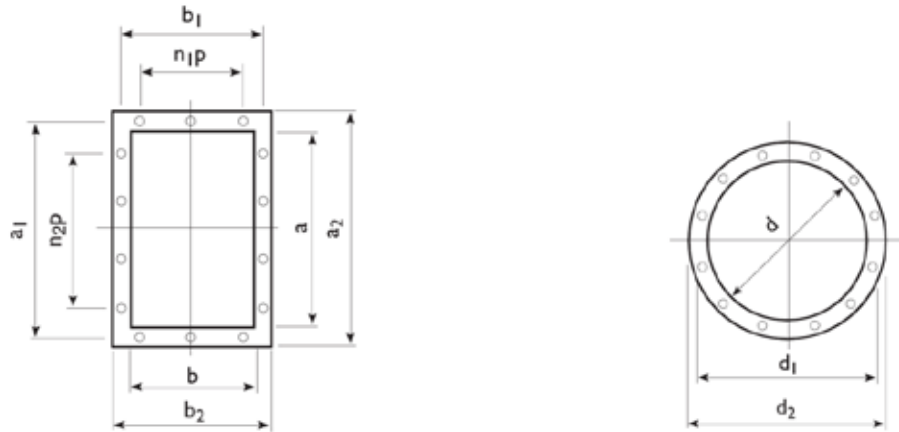
Indication dimensions VN-LBT



| Model | Motor (kW) | Fan | | | | | | | |
|-------|------------|-----|-----|-----|-----|------|-----|-----|-----|
| | | A | B | C | D | E | F | G | H |
| 220/2 | 1,5 | 85 | 471 | 410 | 180 | 495 | 135 | 86 | 300 |
| 220/2 | 3 | | 541 | | | | | | |
| 220/4 | 0,18 | | 386 | | | | | | |
| 220/4 | 0,37 | | 411 | | | | | | |
| 250/2 | 3 | 94 | 560 | 441 | 195 | 526 | 149 | 96 | 315 |
| 250/2 | 5,5 | | 560 | | | | | | |
| 250/4 | 0,25 | | 430 | | | | | | |
| 250/4 | 0,55 | | 450 | | | | | | |
| 280/2 | 5,5 | 105 | 647 | 477 | 200 | 610 | 172 | 105 | 375 |
| 280/2 | 9 | | 647 | | | | | | |
| 280/4 | 0,55 | | 475 | | | | | | |
| 280/4 | 0,75 | | 475 | | | | | | |
| 280/4 | 1,1 | | 515 | | | | | | |
| 310/4 | 1,1 | 117 | 539 | 527 | 225 | 658 | 196 | 117 | 400 |
| 310/4 | 1,5 | | 539 | | | | | | |
| 310/4 | 2,2 | | 609 | | | | | | |
| 310/6 | 0,37 | | 499 | | | | | | |
| 310/6 | 0,55 | | 499 | | | | | | |
| 350/4 | 2,2 | 130 | 636 | 600 | 255 | 740 | 216 | 131 | 450 |
| 350/4 | 3 | | 636 | | | | | | |
| 350/4 | 4 | | 636 | | | | | | |
| 350/6 | 0,75 | | 566 | | | | | | |
| 350/6 | 1,1 | | 566 | | | | | | |
| 400/4 | 4 | 147 | 730 | 655 | 285 | 815 | 245 | 147 | 500 |
| 400/4 | 5,5 | | 668 | | | | | | |
| 400/4 | 7,5 | | 730 | | | | | | |
| 400/6 | 1,5 | | 668 | | | | | | |
| 400/6 | 2,2 | | 668 | | | | | | |
| 450/4 | 9 | 163 | 764 | 735 | 320 | 915 | 275 | 165 | 560 |
| 450/4 | 15 | | 900 | | | | | | |
| 450/6 | 3 | | 764 | | | | | | |
| 450/6 | 4 | | 764 | | | | | | |
| 500/4 | 15 | 183 | 939 | 832 | 360 | 1000 | 303 | 185 | 600 |
| 500/6 | 4 | | 939 | | | | | | |
| 500/6 | 7,5 | | 939 | | | | | | |
| 560/6 | 7,5 | 205 | 945 | 940 | 400 | 1126 | 332 | 206 | 670 |
| 560/6 | 11 | | 990 | | | | | | |



| Model | Motor (kW) | Frame | | | | | | | | | | | | | |
|-------|------------|-------|-----|-----|-----|-----|-----|----|-----|----|----|-----|----|-----|----|
| | | I | J | K | L | M | N | O | P | Q | R | S | T | U | ∅ |
| 220/2 | 1,5 | 140 | 254 | 276 | - | 200 | - | - | - | 30 | 30 | - | - | - | 13 |
| 220/2 | 3 | 190 | 302 | 324 | | 250 | | | | | | | | | |
| 220/4 | 0,18 | 115 | 229 | 251 | - | 175 | - | - | - | 30 | 30 | - | - | - | 13 |
| 220/4 | 0,37 | 115 | 229 | 251 | | 175 | | | | | | | | | |
| 250/2 | 3 | 190 | 302 | 324 | - | 250 | - | - | - | 30 | 30 | - | - | - | 13 |
| 250/2 | 5,5 | 190 | 302 | 324 | | 250 | | | | | | | | | |
| 250/4 | 0,25 | 115 | 229 | 251 | - | 175 | - | - | - | 30 | 30 | - | - | - | 13 |
| 250/4 | 0,55 | 115 | 229 | 251 | | 175 | | | | | | | | | |
| 280/2 | 5,5 | 240 | 352 | 374 | - | 300 | - | - | - | 30 | 30 | - | - | - | 13 |
| 280/2 | 9 | 240 | 352 | 374 | | 300 | | | | | | | | | |
| 280/4 | 0,55 | 115 | 229 | 251 | - | 175 | - | - | - | 30 | 30 | - | - | - | 13 |
| 280/4 | 0,75 | 115 | 229 | 251 | | 175 | | | | | | | | | |
| 280/4 | 1,1 | 140 | 254 | 276 | - | 200 | - | - | - | 30 | 30 | - | - | - | 13 |
| 310/4 | 1,1 | 140 | 254 | 276 | | 200 | | | | | | | | | |
| 310/4 | 1,5 | 140 | 254 | 276 | - | 200 | - | - | - | 30 | 30 | - | - | - | 13 |
| 310/4 | 2,2 | 190 | 302 | 324 | | 250 | | | | | | | | | |
| 310/6 | 0,37 | 115 | 229 | 251 | - | 175 | - | - | - | 30 | 30 | - | - | - | 13 |
| 310/6 | 0,55 | 115 | 229 | 251 | | 175 | | | | | | | | | |
| 350/4 | 2,2 | 190 | 302 | 324 | - | 250 | - | - | - | 30 | 30 | - | - | - | 13 |
| 350/4 | 3 | 190 | 302 | 324 | | 250 | | | | | | | | | |
| 350/4 | 4 | 190 | 302 | 324 | - | 250 | - | - | - | 30 | 30 | - | - | - | 13 |
| 350/6 | 0,75 | 140 | 254 | 276 | | 200 | | | | | | | | | |
| 350/6 | 1,1 | 140 | 254 | 276 | - | 200 | - | - | - | 30 | 30 | - | - | - | 13 |
| 400/4 | 4 | 240 | 352 | 374 | | 300 | | | | | | | | | |
| 400/4 | 5,5 | 190 | 302 | 324 | - | 250 | - | - | - | 30 | 30 | - | - | - | 13 |
| 400/4 | 7,5 | 240 | 352 | 374 | | 300 | | | | | | | | | |
| 400/6 | 1,5 | 190 | 302 | 324 | - | 250 | - | - | - | 30 | 30 | - | - | - | 13 |
| 400/6 | 2,2 | 190 | 302 | 324 | | 250 | | | | | | | | | |
| 450/4 | 9 | 240 | 352 | 374 | - | 300 | - | - | - | 30 | 30 | - | - | - | 13 |
| 450/4 | 15 | 355 | 402 | 444 | | 415 | | | | | | | | | |
| 450/6 | 3 | 240 | 352 | 374 | - | 300 | - | - | - | 30 | 30 | - | - | - | 13 |
| 450/6 | 4 | 240 | 352 | 374 | | 300 | | | | | | | | | |
| 500/4 | 15 | 355 | 402 | 444 | - | 415 | - | - | - | 30 | 30 | - | - | - | 13 |
| 500/6 | 4 | 240 | 352 | 374 | | 300 | | | | | | | | | |
| 500/6 | 7,5 | 355 | 402 | 444 | - | 415 | - | - | - | 30 | 30 | - | - | - | 13 |
| 560/6 | 7,5 | 355 | 402 | 444 | | 415 | | | | | | | | | |
| 560/6 | 11 | 355 | 402 | 444 | 692 | 415 | 408 | 53 | 632 | 30 | 30 | 484 | 23 | 872 | 13 |
| | | | | | | | | | | | | 484 | | 872 | |



| Model | Motor (kW) | Outlet flange | | | | | | | | | | Inlet flange | | | | |
|-------|------------|---------------|-----|-----|-----|-----|-----|-------|-------|----|--------|--------------|-----|-----|----|--------|
| | | a | b | a1 | b1 | a2 | b2 | n1xp | n2xp | no | ϕ | d | d1 | d2 | no | ϕ |
| 220/2 | 1,5 | 231 | 166 | 265 | 200 | 301 | 236 | X112 | 1x112 | 8 | 12 | 228 | 265 | 298 | 8 | 8 |
| 220/2 | 3 | | | | | | | | | | | | | | | |
| 220/4 | 0,18 | | | | | | | | | | | | | | | |
| 220/4 | 0,37 | | | | | | | | | | | | | | | |
| 250/2 | 3 | 258 | 185 | 292 | 219 | 328 | 255 | 1x112 | 2x112 | 10 | 12 | 255 | 292 | 325 | 8 | 10 |
| 250/2 | 5,5 | | | | | | | | | | | | | | | |
| 250/4 | 0,25 | | | | | | | | | | | | | | | |
| 250/4 | 0,55 | | | | | | | | | | | | | | | |
| 280/2 | 5,5 | 288 | 205 | 332 | 249 | 368 | 285 | 1x125 | 2x125 | 10 | 12 | 285 | 332 | 365 | 8 | 10 |
| 280/2 | 9 | | | | | | | | | | | | | | | |
| 280/4 | 0,55 | | | | | | | | | | | | | | | |
| 280/4 | 0,75 | | | | | | | | | | | | | | | |
| 280/4 | 1,1 | 322 | 229 | 366 | 273 | 402 | 309 | 1x125 | 2x125 | 10 | 12 | 320 | 366 | 400 | 8 | 10 |
| 310/4 | 1,1 | | | | | | | | | | | | | | | |
| 310/4 | 1,5 | | | | | | | | | | | | | | | |
| 310/4 | 2,2 | | | | | | | | | | | | | | | |
| 310/6 | 0,37 | | | | | | | | | | | | | | | |
| 310/6 | 0,55 | | | | | | | | | | | | | | | |
| 350/4 | 2,2 | 361 | 256 | 405 | 300 | 441 | 336 | 1x125 | 2x125 | 10 | 12 | 360 | 405 | 440 | 8 | 10 |
| 350/4 | 3 | | | | | | | | | | | | | | | |
| 350/4 | 4 | | | | | | | | | | | | | | | |
| 350/6 | 0,75 | | | | | | | | | | | | | | | |
| 350/6 | 1,1 | 404 | 288 | 448 | 332 | 484 | 368 | 2x125 | 3x125 | 14 | 12 | 405 | 448 | 485 | 12 | 10 |
| 400/4 | 4 | | | | | | | | | | | | | | | |
| 400/4 | 5,5 | | | | | | | | | | | | | | | |
| 400/4 | 7,5 | | | | | | | | | | | | | | | |
| 400/6 | 1,5 | | | | | | | | | | | | | | | |
| 400/6 | 2,2 | | | | | | | | | | | | | | | |
| 450/4 | 9 | 453 | 322 | 497 | 366 | 533 | 402 | 3x125 | 3x125 | 14 | 12 | 455 | 497 | 535 | 12 | 10 |
| 450/4 | 15 | | | | | | | | | | | | | | | |
| 450/6 | 3 | | | | | | | | | | | | | | | |
| 450/6 | 4 | | | | | | | | | | | | | | | |
| 500/4 | 15 | 507 | 361 | 551 | 405 | 587 | 441 | 3x125 | 3x125 | 14 | 12 | 505 | 551 | 585 | 12 | 10 |
| 500/6 | 4 | | | | | | | | | | | | | | | |
| 500/6 | 7,5 | | | | | | | | | | | | | | | |
| 560/6 | 7,5 | 569 | 404 | 629 | 464 | 669 | 504 | 3x160 | 3x160 | 14 | 14 | 565 | 629 | 665 | 12 | 10 |
| 560/6 | 11 | | | | | | | | | | | | | | | |