

# HGT HGTX

**HGT: Tubular axial fans with large diameters and direct drive motors.**  
**HGTX: Large diameter tubular axial fans with external motor.**

Tubular axial fans fitted with aluminium rotors with 3, 6 or 9 blades and different angles of inclination.

**Fan:**

- Airflow direction from Motor to Impeller.
- Rotors made of cast aluminium with 3, 6 or 9 blades with adjustable angle of inclination.
- Sheet steel tubular casing.
- HGT: The standard version has a short casing. The long cased version is fitted with an inspection hatch.
- HGTX: Standard long cased version fitted with an inspection hatch.



HGT



HGTX

**Motor:**

- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Multi voltage motor, special design valid for 220/380V 60Hz, 254/440V 60Hz, 265/460V 60Hz, 277/480V 60Hz.
- Operating temperature:  
 -25 °C+ 50 °C (HGT),  
 -25 °C+ 120 °C (HGTX)

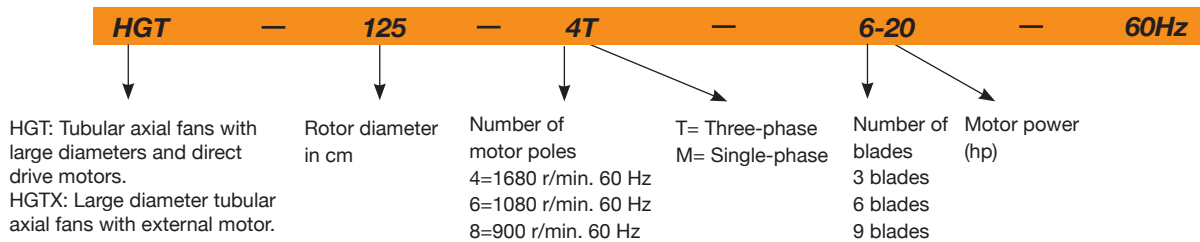
**Finish:**

- Anti-corrosive finish of polyester resin polymerised at 190 °C, previously degreased with phosphate-free nanotechnological treatment.

**On request:**

- Airflow direction from Impeller to Motor.
- Rotors 100% reversible.
- Special windings for different voltages.
- ATEX-certified Category 2.
- HGT: Long cased fans fitted with an inspection hatch.
- Two-speed motors.

**Order code**



**Technical characteristics**

60Hz

| Model            | Speed<br>(r/min)  | Max. admissible current (A) |                  | Installed power<br>(kW) | Maximum flow rate<br>(m³/h) | Sound pressure level<br>dB(A) | Approx. weight (Kg) |            |      |
|------------------|-------------------|-----------------------------|------------------|-------------------------|-----------------------------|-------------------------------|---------------------|------------|------|
|                  |                   | 220-277V                    | 380-480V         |                         |                             |                               | HGT Long            | HGTX Short |      |
|                  |                   | HGT-125-4T/3-10             | HGTX-125-4T/3-10 |                         |                             |                               | 1740                | 13.90      | 7.50 |
| HGT-125-4T/3-15  | HGTX-125-4T/3-15  | 1750                        | 20.90            | 11.00                   | 77450                       | 89                            | 274                 | 246        | 394  |
| HGT-125-4T/3-20  | HGTX-125-4T/3-20  | 1745                        | 27.90            | 15.00                   | 91400                       | 91                            | 285                 | 257        | 405  |
| HGT-125-4T/3-25  | HGTX-125-4T/3-25  | 1765                        | 35.10            | 18.50                   | 98350                       | 91                            | 363                 | 320        | 450  |
| HGT-125-4T/3-30  | HGTX-125-4T/3-30  | 1765                        | 41.00            | 22.00                   | 110500                      | 92                            | 363                 | 320        | 450  |
| HGT-125-4T/3-40  | HGTX-125-4T/3-40  | 1770                        | 57.10            | 30.00                   | 120850                      | 93                            | 468                 | 425        | 557  |
| HGT-125-4T/3-50  | HGTX-125-4T/3-50  | 1775                        | 69.20            | 37.00                   | 129000                      | 94                            | 551                 | 495        | 622  |
| HGT-125-4T/3-60  | HGTX-125-4T/3-60  | 1775                        | 80.90            | 45.00                   | 140000                      | 95                            | 589                 | 533        | 660  |
| HGT-125-4T/6-20  | HGTX-125-4T/6-20  | 1745                        | 27.90            | 15.00                   | 78300                       | 89                            | 294                 | 266        | 414  |
| HGT-125-4T/6-25  | HGTX-125-4T/6-25  | 1765                        | 35.10            | 18.50                   | 92000                       | 90                            | 372                 | 329        | 459  |
| HGT-125-4T/6-30  | HGTX-125-4T/6-30  | 1765                        | 41.00            | 22.00                   | 98100                       | 90                            | 372                 | 329        | 459  |
| HGT-125-4T/6-40  | HGTX-125-4T/6-40  | 1770                        | 57.10            | 30.00                   | 117000                      | 92                            | 477                 | 433        | 566  |
| HGT-125-4T/6-50  | HGTX-125-4T/6-50  | 1775                        | 69.20            | 37.00                   | 123700                      | 93                            | 560                 | 504        | 631  |
| HGT-125-4T/6-60  | HGTX-125-4T/6-60  | 1775                        | 80.90            | 45.00                   | 136000                      | 94                            | 598                 | 542        | 669  |
| HGT-125-4T/6-75  | HGTX-125-4T/6-75  | 1775                        | 98.60            | 55.00                   | 148000                      | 95                            | 614                 | 564        | 700  |
| HGT-125-4T/6-100 | HGTX-125-4T/6-100 | 1775                        | 134.00           | 75.00                   | 161000                      | 96                            | 708                 | 658        | 794  |
| HGT-125-4T/9-25  | HGTX-125-4T/9-25  | 1765                        | 35.10            | 18.50                   | 79750                       | 88                            | 381                 | 338        | 468  |
| HGT-125-4T/9-30  | HGTX-125-4T/9-30  | 1765                        | 41.00            | 22.00                   | 97000                       | 89                            | 381                 | 338        | 468  |

### Technical characteristics

| Model            | Speed<br>(r/min)  | Max. admissible<br>current (A) |          | Installed<br>power<br>(kW) | Maximum<br>flow rate<br>(m <sup>3</sup> /h) | Sound pres-<br>sure level<br>dB(A) | Approx. weight<br>(Kg) |               |      |
|------------------|-------------------|--------------------------------|----------|----------------------------|---|------------------------------------|------------------------|---------------|------|
|                  |                   | 220-277V                       | 380-480V |                            |   |                                    | HGT<br>Long            | HGTX<br>Short | HGTX |
| HGT-125-4T/9-40  | HGTX-125-4T/9-40  | 1770                           | 57.10    | 30.00                      | 111200                                      | 91                                 | 486                    | 442           | 575  |
| HGT-125-4T/9-50  | HGTX-125-4T/9-50  | 1775                           | 69.20    | 37.00                      | 118350                                      | 93                                 | 569                    | 513           | 640  |
| HGT-125-4T/9-60  | HGTX-125-4T/9-60  | 1775                           | 80.90    | 45.00                      | 127000                                      | 94                                 | 607                    | 551           | 678  |
| HGT-125-4T/9-75  | HGTX-125-4T/9-75  | 1775                           | 98.60    | 55.00                      | 142000                                      | 95                                 | 623                    | 573           | 709  |
| HGT-125-4T/9-100 | HGTX-125-4T/9-100 | 1775                           | 134.00   | 75.00                      | 155000                                      | 99                                 | 717                    | 667           | 803  |
| HGT-125-6T/3-4   | HGTX-125-6T/3-4   | 1120                           | 12.70    | 7.33                       | 46550                                       | 79                                 | 204                    | 171           | 335  |
| HGT-125-6T/3-5.5 | HGTX-125-6T/3-5.5 | 1130                           | 16.50    | 9.53                       | 55300                                       | 80                                 | 209                    | 176           | 340  |
| HGT-125-6T/3-7.5 | HGTX-125-6T/3-7.5 | 1145                           |          | 11.50                      | 64450                                       | 81                                 | 217                    | 184           | 348  |
| HGT-125-6T/3-10  | HGTX-125-6T/3-10  | 1165                           |          | 14.80                      | 76400                                       | 83                                 | 297                    | 269           | 417  |
| HGT-125-6T/3-15  | HGTX-125-6T/3-15  | 1165                           |          | 21.90                      | 87050                                       | 84                                 | 298                    | 270           | 418  |
| HGT-125-6T/3-20  | HGTX-125-6T/3-20  | 1165                           |          | 28.20                      | 91700                                       | 85                                 | 407                    | 364           | 494  |
| HGT-125-6T/6-5.5 | HGTX-125-6T/6-5.5 | 1130                           | 16.50    | 9.53                       | 51300                                       | 77                                 | 218                    | 185           | 349  |
| HGT-125-6T/6-7.5 | HGTX-125-6T/6-7.5 | 1145                           |          | 11.50                      | 60300                                       | 77                                 | 226                    | 193           | 357  |
| HGT-125-6T/6-10  | HGTX-125-6T/6-10  | 1165                           |          | 14.80                      | 72250                                       | 79                                 | 306                    | 278           | 426  |
| HGT-125-6T/6-15  | HGTX-125-6T/6-15  | 1165                           |          | 21.90                      | 85450                                       | 81                                 | 307                    | 279           | 427  |
| HGT-125-6T/6-20  | HGTX-125-6T/6-20  | 1165                           |          | 28.20                      | 92850                                       | 82                                 | 416                    | 373           | 503  |
| HGT-125-6T/6-25  | HGTX-125-6T/6-25  | 1180                           |          | 35.90                      | 103000                                      | 84                                 | 449                    | 405           | 538  |
| HGT-125-6T/9-10  | HGTX-125-6T/9-10  | 1165                           |          | 14.80                      | 68200                                       | 78                                 | 315                    | 287           | 435  |
| HGT-125-6T/9-15  | HGTX-125-6T/9-15  | 1165                           |          | 21.90                      | 77550                                       | 81                                 | 316                    | 288           | 436  |
| HGT-125-6T/9-20  | HGTX-125-6T/9-20  | 1165                           |          | 28.20                      | 92900                                       | 84                                 | 425                    | 382           | 512  |
| HGT-125-6T/9-25  | HGTX-125-6T/9-25  | 1180                           |          | 35.90                      | 98700                                       | 85                                 | 458                    | 414           | 547  |
| HGT-125-6T/9-30  | HGTX-125-6T/9-30  | 1175                           |          | 42.40                      | 104000                                      | 87                                 | 463                    | 419           | 552  |
| HGT-125-8T/3-3   | HGTX-125-8T/3-3   | 865                            | 9.53     | 5.50                       | 48800                                       | 71                                 | 209                    | 176           | 340  |
| HGT-125-8T/3-4   | HGTX-125-8T/3-4   | 865                            | 12.82    | 7.40                       | 54900                                       | 71                                 | 216                    | 183           | 347  |
| HGT-125-8T/3-5.5 | HGTX-125-8T/3-5.5 | 860                            | 16.11    | 9.30                       | 62100                                       | 73                                 | 249                    | 221           | 369  |
| HGT-125-8T/3-7.5 | HGTX-125-8T/3-7.5 | 850                            |          | 12.70                      | 69500                                       | 75                                 | 262                    | 234           | 382  |
| HGT-125-8T/6-3   | HGTX-125-8T/6-3   | 865                            | 9.53     | 5.50                       | 45700                                       | 69                                 | 218                    | 185           | 349  |
| HGT-125-8T/6-4   | HGTX-125-8T/6-4   | 865                            | 12.82    | 7.40                       | 51800                                       | 71                                 | 225                    | 192           | 356  |
| HGT-125-8T/6-5.5 | HGTX-125-8T/6-5.5 | 860                            | 16.11    | 9.30                       | 61500                                       | 72                                 | 258                    | 230           | 378  |
| HGT-125-8T/6-7.5 | HGTX-125-8T/6-7.5 | 850                            |          | 12.70                      | 67500                                       | 73                                 | 271                    | 243           | 391  |
| HGT-125-8T/6-10  | HGTX-125-8T/6-10  | 860                            |          | 17.00                      | 75500                                       | 75                                 | 301                    | 273           | 421  |
| HGT-125-8T/9-4   | HGTX-125-8T/9-4   | 865                            | 12.82    | 7.40                       | 48200                                       | 70                                 | 234                    | 201           | 365  |
| HGT-125-8T/9-5.5 | HGTX-125-8T/9-5.5 | 860                            | 16.11    | 9.30                       | 55200                                       | 73                                 | 267                    | 239           | 387  |
| HGT-125-8T/9-7.5 | HGTX-125-8T/9-7.5 | 850                            |          | 12.70                      | 67000                                       | 75                                 | 280                    | 252           | 400  |
| HGT-125-8T/9-10  | HGTX-125-8T/9-10  | 860                            |          | 17.00                      | 74750                                       | 76                                 | 310                    | 282           | 430  |
| HGT-125-8T/9-15  | HGTX-125-8T/9-15  | 865                            |          | 21.70                      | 80800                                       | 79                                 | 372                    | 329           | 459  |
| HGT-140-6T/3-4   |                   | 1150                           | 12.70    | 7.33                       | 51000                                       | 82                                 | 251                    | 214           |      |
| HGT-140-6T/3-5.5 |                   | 1150                           | 16.50    | 9.53                       | 56700                                       | 83                                 | 258                    | 221           |      |
| HGT-140-6T/3-7.5 |                   | 1145                           |          | 11.50                      | 67900                                       | 84                                 | 266                    | 229           |      |
| HGT-140-6T/3-10  |                   | 1165                           |          | 14.80                      | 80100                                       | 85                                 | 355                    | 316           |      |
| HGT-140-6T/3-15  |                   | 1165                           |          | 21.90                      | 96900                                       | 86                                 | 356                    | 317           |      |
| HGT-140-6T/3-20  |                   | 1165                           |          | 28.20                      | 106000                                      | 88                                 | 463                    | 413           |      |
| HGT-140-6T/6-5.5 |                   | 1150                           | 16.50    | 9.53                       | 58000                                       | 82                                 | 268                    | 231           |      |
| HGT-140-6T/6-7.5 |                   | 1145                           |          | 11.50                      | 66000                                       | 84                                 | 276                    | 239           |      |
| HGT-140-6T/6-10  |                   | 1165                           |          | 14.80                      | 80700                                       | 85                                 | 365                    | 326           |      |
| HGT-140-6T/6-15  |                   | 1165                           |          | 21.90                      | 96700                                       | 86                                 | 366                    | 327           |      |
| HGT-140-6T/6-20  |                   | 1165                           |          | 28.20                      | 104000                                      | 87                                 | 472                    | 423           |      |
| HGT-140-6T/6-25  |                   | 1180                           |          | 35.90                      | 115000                                      | 88                                 | 506                    | 457           |      |
| HGT-140-6T/6-30  |                   | 1175                           |          | 42.40                      | 119000                                      | 89                                 | 511                    | 462           |      |
| HGT-140-6T/9-10  |                   | 1165                           |          | 14.80                      | 70000                                       | 84                                 | 374                    | 335           |      |
| HGT-140-6T/9-15  |                   | 1165                           |          | 21.90                      | 86000                                       | 86                                 | 375                    | 336           |      |
| HGT-140-6T/9-20  |                   | 1165                           |          | 28.20                      | 97500                                       | 87                                 | 482                    | 432           |      |
| HGT-140-6T/9-25  |                   | 1180                           |          | 35.90                      | 111000                                      | 88                                 | 515                    | 467           |      |
| HGT-140-6T/9-30  |                   | 1175                           |          | 42.40                      | 118500                                      | 89                                 | 520                    | 472           |      |
| HGT-140-6T/9-40  |                   | 1180                           |          | 55.40                      | 132000                                      | 91                                 | 676                    | 614           |      |
| HGT-140-6T/9-50  |                   | 1180                           |          | 67.20                      | 139000                                      | 92                                 | 693                    | 638           |      |
| HGT-140-8T/3-3   |                   | 865                            | 9.53     | 5.50                       | 50000                                       | 78                                 | 258                    | 221           |      |
| HGT-140-8T/3-4   |                   | 865                            | 12.82    | 7.40                       | 57000                                       | 78                                 | 265                    | 228           |      |

**Technical characteristics**

| Model            | Speed<br>(r/min) | Max. admissible current (A) |          | Installed power<br>(kW) | Maximum flow rate<br>(m <sup>3</sup> /h) | Sound pressure level<br>dB(A) | Approx. weight (Kg) |       |
|------------------|------------------|-----------------------------|----------|-------------------------|--|-------------------------------|---------------------|-------|
|                  |                  | 220-277V                    | 380-480V |                         |  |                               | HGT                 | HGTX  |
|                  |                  |                             |          |                         |  |                               | Long                | Short |
| HGT-140-8T/3-5.5 | 860              | 16.11                       | 9.30     | 4.00                    | 65400                                    | 79                            | 307                 | 268   |
| HGT-140-8T/3-7.5 | 850              |                             | 12.70    | 5.50                    | 77500                                    | 81                            | 320                 | 281   |
| HGT-140-8T/3-10  | 860              |                             | 17.00    | 7.50                    | 86000                                    | 82                            | 350                 | 311   |
| HGT-140-8T/6-3   | 865              | 9.53                        | 5.50     | 2.20                    | 47500                                    | 78                            | 268                 | 231   |
| HGT-140-8T/6-4   | 865              | 12.82                       | 7.40     | 3.00                    | 57600                                    | 79                            | 275                 | 238   |
| HGT-140-8T/6-5.5 | 860              | 16.11                       | 9.30     | 4.00                    | 65200                                    | 80                            | 317                 | 278   |
| HGT-140-8T/6-7.5 | 850              |                             | 12.70    | 5.50                    | 73300                                    | 81                            | 330                 | 291   |
| HGT-140-8T/6-10  | 860              |                             | 17.00    | 7.50                    | 82200                                    | 82                            | 360                 | 321   |
| HGT-140-8T/6-15  | 865              |                             | 21.70    | 11.00                   | 94200                                    | 83                            | 419                 | 370   |
| HGT-140-8T/9-4   | 865              | 12.82                       | 7.40     | 3.00                    | 47200                                    | 79                            | 284                 | 247   |
| HGT-140-8T/9-5.5 | 860              | 16.11                       | 9.30     | 4.00                    | 64400                                    | 79                            | 326                 | 287   |
| HGT-140-8T/9-7.5 | 850              |                             | 12.70    | 5.50                    | 69200                                    | 81                            | 339                 | 300   |
| HGT-140-8T/9-10  | 860              |                             | 17.00    | 7.50                    | 78700                                    | 82                            | 369                 | 330   |
| HGT-140-8T/9-15  | 865              |                             | 21.70    | 11.00                   | 94300                                    | 83                            | 429                 | 379   |
| HGT-140-8T/9-20  | 890              |                             | 31.70    | 15.00                   | 103000                                   | 86                            | 485                 | 437   |
| HGT-160-6T/3-5.5 | 1150             | 16.50                       | 9.53     | 4.00                    | 66000                                    | 81                            | 327                 | 275   |
| HGT-160-6T/3-7.5 | 1145             |                             | 11.50    | 5.50                    | 76100                                    | 82                            | 335                 | 283   |
| HGT-160-6T/3-10  | 1165             |                             | 14.80    | 7.50                    | 84000                                    | 83                            | 428                 | 374   |
| HGT-160-6T/3-15  | 1165             |                             | 21.90    | 11.00                   | 102000                                   | 85                            | 429                 | 375   |
| HGT-160-6T/3-20  | 1165             |                             | 28.20    | 15.00                   | 127000                                   | 86                            | 549                 | 480   |
| HGT-160-6T/3-25  | 1180             |                             | 35.90    | 18.50                   | 136700                                   | 87                            | 583                 | 513   |
| HGT-160-6T/3-30  | 1175             |                             | 42.40    | 22.00                   | 145000                                   | 89                            | 588                 | 518   |
| HGT-160-6T/6-10  | 1165             |                             | 14.80    | 7.50                    | 75000                                    | 83                            | 439                 | 385   |
| HGT-160-6T/6-15  | 1165             |                             | 21.90    | 11.00                   | 93500                                    | 85                            | 440                 | 386   |
| HGT-160-6T/6-20  | 1165             |                             | 28.20    | 15.00                   | 120500                                   | 86                            | 559                 | 490   |
| HGT-160-6T/6-25  | 1180             |                             | 35.90    | 18.50                   | 130000                                   | 87                            | 593                 | 524   |
| HGT-160-6T/6-30  | 1175             |                             | 42.40    | 22.00                   | 140000                                   | 88                            | 598                 | 529   |
| HGT-160-6T/6-40  | 1180             |                             | 55.40    | 30.00                   | 158000                                   | 89                            | 771                 | 672   |
| HGT-160-6T/6-50  | 1180             |                             | 67.20    | 37.00                   | 171000                                   | 91                            | 784                 | 699   |
| HGT-160-6T/9-15  | 1165             |                             | 21.90    | 11.00                   | 87000                                    | 85                            | 450                 | 396   |
| HGT-160-6T/9-20  | 1165             |                             | 28.20    | 15.00                   | 104000                                   | 86                            | 569                 | 500   |
| HGT-160-6T/9-25  | 1180             |                             | 35.90    | 18.50                   | 127000                                   | 87                            | 603                 | 534   |
| HGT-160-6T/9-30  | 1175             |                             | 42.40    | 22.00                   | 135000                                   | 88                            | 608                 | 539   |
| HGT-160-6T/9-40  | 1180             |                             | 55.40    | 30.00                   | 147000                                   | 89                            | 781                 | 682   |
| HGT-160-6T/9-50  | 1180             |                             | 67.20    | 37.00                   | 165000                                   | 90                            | 794                 | 710   |
| HGT-160-6T/9-60  | 1180             |                             | 84.40    | 45.00                   | 177000                                   | 91                            | 1019                | 920   |
| HGT-160-6T/9-75  | 1190             |                             | 103.00   | 55.00                   | 193000                                   | 92                            | 1077                | 978   |
| HGT-160-6T/9-100 | 1190             |                             | 139.00   | 75.00                   | 207500                                   | 93                            | 1232                | 1133  |
| HGT-160-8T/3-3   | 865              | 9.53                        | 5.50     | 2.20                    | 54000                                    | 76                            | 327                 | 275   |
| HGT-160-8T/3-4   | 865              | 12.82                       | 7.40     | 3.00                    | 57500                                    | 77                            | 334                 | 282   |
| HGT-160-8T/3-5.5 | 860              | 16.11                       | 9.30     | 4.00                    | 74000                                    | 79                            | 380                 | 326   |
| HGT-160-8T/3-7.5 | 850              |                             | 12.70    | 5.50                    | 83500                                    | 80                            | 393                 | 339   |
| HGT-160-8T/3-10  | 860              |                             | 17.00    | 7.50                    | 97500                                    | 81                            | 423                 | 369   |
| HGT-160-8T/3-15  | 865              |                             | 21.70    | 11.00                   | 115000                                   | 83                            | 496                 | 427   |
| HGT-160-8T/6-4   | 865              | 12.82                       | 7.40     | 3.00                    | 70900                                    | 76                            | 344                 | 292   |
| HGT-160-8T/6-5.5 | 860              | 16.11                       | 9.30     | 4.00                    | 84500                                    | 77                            | 391                 | 337   |
| HGT-160-8T/6-7.5 | 850              |                             | 12.70    | 5.50                    | 77000                                    | 79                            | 404                 | 350   |
| HGT-160-8T/6-10  | 860              |                             | 17.00    | 7.50                    | 95000                                    | 80                            | 434                 | 380   |
| HGT-160-8T/6-15  | 865              |                             | 21.70    | 11.00                   | 109000                                   | 82                            | 506                 | 437   |
| HGT-160-8T/6-20  | 890              |                             | 31.70    | 15.00                   | 123000                                   | 83                            | 563                 | 494   |
| HGT-160-8T/6-25  | 875              |                             | 35.85    | 18.50                   | 130000                                   | 84                            | 641                 | 542   |
| HGT-160-8T/9-7.5 | 850              |                             | 12.70    | 5.50                    | 70000                                    | 79                            | 414                 | 360   |
| HGT-160-8T/9-10  | 860              |                             | 17.00    | 7.50                    | 87000                                    | 80                            | 444                 | 390   |
| HGT-160-8T/9-15  | 865              |                             | 21.70    | 11.00                   | 103000                                   | 82                            | 516                 | 447   |
| HGT-160-8T/9-20  | 890              |                             | 31.70    | 15.00                   | 117000                                   | 83                            | 573                 | 504   |
| HGT-160-8T/9-25  | 875              |                             | 35.85    | 18.50                   | 133000                                   | 84                            | 651                 | 552   |
| HGT-160-8T/9-30  | 875              |                             | 41.60    | 22.00                   | 140000                                   | 85                            | 666                 | 567   |
| HGT-160-8T/9-40  | 880              |                             | 60.79    | 30.00                   | 151000                                   | 86                            | 724                 | 640   |

## Acoustic characteristics

The indicated values are determined by measuring the sound pressure level and sound power in dB(A) obtained in a free field at a distance equivalent to twice the size of the fan plus the rotor diameter, with a minimum of 1.5 m.

Sound power spectrum Lw(A) in dB(A) per Hz frequency band

| Model        | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | Model        | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|--------------|----|-----|-----|-----|------|------|------|------|--------------|----|-----|-----|-----|------|------|------|------|
| 125-4T/3-10  | 70 | 76  | 88  | 98  | 98   | 94   | 86   | 82   | 140-6T/9-10  | 66 | 84  | 93  | 92  | 91   | 87   | 78   | 73   |
| 125-4T/3-15  | 71 | 77  | 89  | 99  | 99   | 95   | 87   | 83   | 140-6T/9-15  | 67 | 85  | 94  | 93  | 92   | 88   | 79   | 74   |
| 125-4T/3-20  | 72 | 78  | 90  | 100 | 100  | 96   | 88   | 84   | 140-6T/9-20  | 69 | 87  | 96  | 95  | 94   | 90   | 81   | 76   |
| 125-4T/3-25  | 73 | 79  | 91  | 101 | 101  | 97   | 89   | 85   | 140-6T/9-25  | 70 | 88  | 97  | 96  | 95   | 91   | 82   | 77   |
| 125-4T/3-30  | 74 | 80  | 92  | 102 | 102  | 98   | 90   | 86   | 140-6T/9-30  | 70 | 88  | 97  | 96  | 95   | 91   | 82   | 77   |
| 125-4T/3-40  | 75 | 81  | 93  | 103 | 103  | 99   | 91   | 87   | 140-6T/9-40  | 71 | 89  | 98  | 97  | 96   | 92   | 83   | 78   |
| 125-4T/3-50  | 76 | 82  | 94  | 104 | 104  | 100  | 92   | 88   | 140-6T/9-50  | 74 | 92  | 101 | 100 | 99   | 95   | 86   | 81   |
| 125-4T/3-60  | 77 | 83  | 95  | 105 | 105  | 101  | 93   | 89   | 140-8T/3-3   | 60 | 70  | 78  | 83  | 82   | 81   | 68   | 63   |
| 125-4T/6-20  | 66 | 74  | 90  | 97  | 99   | 94   | 88   | 84   | 140-8T/3-4   | 64 | 74  | 82  | 87  | 86   | 85   | 72   | 67   |
| 125-4T/6-25  | 67 | 75  | 91  | 98  | 100  | 95   | 89   | 85   | 140-8T/3-5.5 | 65 | 75  | 83  | 88  | 87   | 86   | 73   | 68   |
| 125-4T/6-30  | 68 | 76  | 92  | 99  | 101  | 96   | 90   | 86   | 140-8T/3-7.5 | 66 | 76  | 84  | 89  | 88   | 87   | 74   | 69   |
| 125-4T/6-40  | 69 | 77  | 93  | 100 | 102  | 97   | 91   | 87   | 140-8T/3-10  | 68 | 78  | 86  | 91  | 90   | 89   | 76   | 71   |
| 125-4T/6-50  | 71 | 79  | 95  | 102 | 104  | 99   | 93   | 89   | 140-8T/6-3   | 61 | 73  | 82  | 86  | 84   | 78   | 68   | 65   |
| 125-4T/6-60  | 72 | 80  | 96  | 103 | 105  | 100  | 94   | 90   | 140-8T/6-4   | 63 | 75  | 84  | 88  | 86   | 80   | 70   | 67   |
| 125-4T/6-75  | 72 | 80  | 96  | 103 | 105  | 100  | 94   | 90   | 140-8T/6-5.5 | 64 | 76  | 85  | 89  | 87   | 81   | 71   | 68   |
| 125-4T/6-100 | 74 | 82  | 98  | 105 | 107  | 102  | 96   | 92   | 140-8T/6-7.5 | 65 | 77  | 86  | 90  | 88   | 82   | 72   | 69   |
| 125-4T/9-25  | 66 | 74  | 91  | 97  | 98   | 93   | 88   | 84   | 140-8T/6-10  | 66 | 78  | 87  | 91  | 89   | 83   | 73   | 70   |
| 125-4T/9-30  | 67 | 75  | 92  | 98  | 99   | 94   | 89   | 85   | 140-8T/6-15  | 68 | 80  | 89  | 93  | 91   | 85   | 75   | 72   |
| 125-4T/9-40  | 68 | 76  | 93  | 99  | 100  | 95   | 90   | 86   | 140-8T/9-4   | 61 | 72  | 83  | 88  | 86   | 82   | 72   | 67   |
| 125-4T/9-50  | 70 | 78  | 95  | 101 | 102  | 97   | 92   | 88   | 140-8T/9-5.5 | 62 | 73  | 84  | 89  | 87   | 83   | 73   | 68   |
| 125-4T/9-60  | 72 | 80  | 97  | 103 | 104  | 99   | 94   | 90   | 140-8T/9-7.5 | 63 | 74  | 85  | 90  | 88   | 84   | 74   | 69   |
| 125-4T/9-75  | 72 | 80  | 97  | 103 | 104  | 99   | 94   | 90   | 140-8T/9-10  | 64 | 75  | 86  | 91  | 89   | 85   | 75   | 70   |
| 125-4T/9-100 | 74 | 82  | 99  | 105 | 106  | 101  | 96   | 92   | 140-8T/9-15  | 65 | 76  | 87  | 92  | 90   | 86   | 76   | 71   |
| 125-6T/3-4   | 64 | 72  | 84  | 88  | 86   | 81   | 72   | 68   | 140-8T/9-20  | 67 | 78  | 89  | 94  | 92   | 88   | 78   | 73   |
| 125-6T/3-5.5 | 66 | 74  | 86  | 90  | 88   | 83   | 74   | 70   | 160-6T/3-5.5 | 67 | 77  | 85  | 90  | 89   | 88   | 75   | 70   |
| 125-6T/3-7.5 | 67 | 75  | 87  | 91  | 89   | 84   | 75   | 71   | 160-6T/3-7.5 | 68 | 78  | 86  | 91  | 90   | 89   | 76   | 71   |
| 125-6T/3-10  | 68 | 76  | 88  | 92  | 90   | 85   | 76   | 72   | 160-6T/3-10  | 69 | 79  | 87  | 92  | 91   | 90   | 77   | 72   |
| 125-6T/3-15  | 69 | 77  | 89  | 93  | 91   | 86   | 77   | 73   | 160-6T/3-15  | 70 | 80  | 88  | 93  | 92   | 91   | 78   | 73   |
| 125-6T/3-20  | 71 | 79  | 91  | 95  | 93   | 88   | 79   | 75   | 160-6T/3-20  | 72 | 82  | 90  | 95  | 94   | 93   | 80   | 75   |
| 125-6T/6-5.5 | 59 | 68  | 81  | 84  | 85   | 82   | 71   | 67   | 160-6T/3-25  | 73 | 83  | 91  | 96  | 95   | 94   | 81   | 76   |
| 125-6T/6-7.5 | 60 | 69  | 82  | 85  | 86   | 83   | 72   | 68   | 160-6T/3-30  | 74 | 84  | 92  | 97  | 96   | 95   | 82   | 77   |
| 125-6T/6-10  | 61 | 70  | 83  | 86  | 87   | 84   | 73   | 69   | 160-6T/6-10  | 67 | 82  | 91  | 93  | 90   | 84   | 76   | 72   |
| 125-6T/6-15  | 63 | 72  | 85  | 88  | 89   | 86   | 75   | 71   | 160-6T/6-15  | 68 | 83  | 92  | 94  | 91   | 85   | 77   | 73   |
| 125-6T/6-20  | 65 | 74  | 87  | 90  | 91   | 88   | 77   | 73   | 160-6T/6-20  | 70 | 85  | 94  | 96  | 93   | 87   | 79   | 75   |
| 125-6T/6-25  | 66 | 75  | 88  | 91  | 92   | 89   | 78   | 74   | 160-6T/6-25  | 71 | 86  | 95  | 97  | 94   | 88   | 80   | 76   |
| 125-6T/9-10  | 57 | 67  | 82  | 86  | 85   | 84   | 73   | 69   | 160-6T/6-30  | 71 | 86  | 95  | 97  | 94   | 88   | 80   | 76   |
| 125-6T/9-15  | 59 | 69  | 84  | 88  | 87   | 86   | 75   | 71   | 160-6T/6-40  | 72 | 87  | 96  | 98  | 95   | 89   | 81   | 77   |
| 125-6T/9-20  | 62 | 72  | 87  | 91  | 90   | 89   | 78   | 74   | 160-6T/6-50  | 74 | 89  | 98  | 100 | 97   | 91   | 83   | 79   |
| 125-6T/9-25  | 64 | 74  | 89  | 93  | 92   | 91   | 80   | 76   | 160-6T/9-15  | 67 | 85  | 94  | 93  | 92   | 88   | 79   | 74   |
| 125-6T/9-30  | 66 | 76  | 91  | 95  | 94   | 93   | 82   | 78   | 160-6T/9-20  | 68 | 86  | 95  | 94  | 93   | 89   | 80   | 75   |
| 125-8T/3-3   | 56 | 63  | 74  | 78  | 77   | 70   | 61   | 57   | 160-6T/9-25  | 69 | 87  | 96  | 95  | 94   | 90   | 81   | 76   |
| 125-8T/3-4   | 59 | 66  | 77  | 81  | 80   | 73   | 64   | 60   | 160-6T/9-30  | 70 | 88  | 97  | 96  | 95   | 91   | 82   | 77   |
| 125-8T/3-5.5 | 60 | 67  | 78  | 82  | 81   | 74   | 65   | 61   | 160-6T/9-40  | 71 | 89  | 98  | 97  | 96   | 92   | 83   | 78   |
| 125-8T/3-7.5 | 62 | 69  | 80  | 84  | 83   | 76   | 67   | 63   | 160-6T/9-50  | 72 | 90  | 99  | 98  | 97   | 93   | 84   | 79   |
| 125-8T/6-3   | 53 | 61  | 73  | 78  | 77   | 72   | 61   | 57   | 160-6T/9-60  | 72 | 90  | 99  | 98  | 97   | 93   | 84   | 79   |
| 125-8T/6-4   | 54 | 62  | 74  | 79  | 78   | 73   | 62   | 58   | 160-6T/9-75  | 73 | 91  | 100 | 99  | 98   | 94   | 85   | 80   |
| 125-8T/6-5.5 | 56 | 64  | 76  | 81  | 80   | 75   | 64   | 60   | 160-6T/9-100 | 75 | 93  | 102 | 101 | 100  | 96   | 87   | 82   |
| 125-8T/6-7.5 | 58 | 66  | 78  | 83  | 82   | 77   | 66   | 62   | 160-8T/3-3   | 61 | 71  | 79  | 84  | 83   | 82   | 69   | 64   |
| 125-8T/6-10  | 59 | 67  | 79  | 84  | 83   | 78   | 67   | 63   | 160-8T/3-4   | 63 | 73  | 81  | 86  | 85   | 84   | 71   | 66   |
| 125-8T/9-4   | 51 | 62  | 72  | 78  | 79   | 74   | 63   | 59   | 160-8T/3-5.5 | 64 | 74  | 82  | 87  | 86   | 85   | 72   | 67   |
| 125-8T/9-5.5 | 53 | 64  | 74  | 80  | 81   | 76   | 65   | 61   | 160-8T/3-7.5 | 65 | 75  | 83  | 88  | 87   | 86   | 73   | 68   |
| 125-8T/9-7.5 | 56 | 67  | 77  | 83  | 84   | 79   | 68   | 64   | 160-8T/3-10  | 66 | 76  | 84  | 89  | 88   | 87   | 74   | 69   |
| 125-8T/9-10  | 58 | 69  | 79  | 85  | 86   | 81   | 70   | 66   | 160-8T/3-15  | 68 | 78  | 86  | 91  | 90   | 89   | 76   | 71   |
| 125-8T/9-15  | 59 | 70  | 80  | 86  | 87   | 82   | 71   | 67   | 160-8T/6-4   | 60 | 75  | 84  | 86  | 83   | 77   | 69   | 65   |
| 140-6T/3-4   | 66 | 76  | 84  | 89  | 88   | 87   | 74   | 74   | 160-8T/6-5.5 | 61 | 76  | 85  | 87  | 84   | 78   | 70   | 66   |
| 140-6T/3-5.5 | 69 | 79  | 87  | 92  | 91   | 90   | 77   | 77   | 160-8T/6-7.5 | 62 | 77  | 86  | 88  | 85   | 79   | 71   | 67   |
| 140-6T/3-7.5 | 69 | 79  | 87  | 92  | 91   | 90   | 77   | 77   | 160-8T/6-10  | 63 | 78  | 87  | 89  | 86   | 80   | 72   | 68   |
| 140-6T/3-10  | 70 | 80  | 88  | 93  | 92   | 91   | 78   | 78   | 160-8T/6-15  | 65 | 80  | 89  | 91  | 88   | 82   | 74   | 70   |
| 140-6T/3-15  | 71 | 81  | 89  | 94  | 93   | 92   | 79   | 79   | 160-8T/6-20  | 66 | 81  | 90  | 92  | 89   | 83   | 75   | 71   |
| 140-6T/3-20  | 73 | 83  | 91  | 96  | 95   | 94   | 81   | 81   | 160-8T/6-25  | 68 | 83  | 92  | 94  | 91   | 85   | 77   | 73   |
| 140-6T/6-5.5 | 66 | 81  | 90  | 92  | 89   | 83   | 75   | 71   | 160-8T/9-7.5 | 60 | 78  | 87  | 86  | 85   | 81   | 72   | 67   |
| 140-6T/6-7.5 | 67 | 82  | 91  | 93  | 90   | 84   | 76   | 72   | 160-8T/9-10  | 62 | 80  | 89  | 88  | 87   | 83   | 74   | 69   |
| 140-6T/6-10  | 68 | 83  | 92  | 94  | 91   | 85   | 77   | 73   | 160-8T/9-15  | 63 | 81  | 90  | 89  | 88   | 84   | 75   | 70   |
| 140-6T/6-15  | 69 | 84  | 93  | 95  | 92   | 86   | 78   | 74   | 160-8T/9-20  | 64 | 82  | 91  | 90  | 89   | 85   | 76   | 71   |
| 140-6T/6-20  | 71 | 86  | 95  | 97  | 94   | 88   | 80   | 76   | 160-8T/9-25  | 65 | 83  | 92  | 91  | 90   | 86   | 77   | 72   |
| 140-6T/6-25  | 72 | 87  | 96  | 98  | 95   | 89   | 81   | 77   | 160-8T/9-30  | 66 | 84  | 93  | 92  | 91   | 87   | 78   | 73   |
| 140-6T/6-30  | 73 | 88  | 97  | 99  | 96   | 90   | 82   | 78   | 160-8T/9-40  | 68 | 86  | 95  | 94  | 93   | 89   | 80   | 75   |

## Accessories



INT

VSD3/A-RFT  
VSD1/A-RFM

CUADROS



RT



BTUB



BAC



PS



S



SI



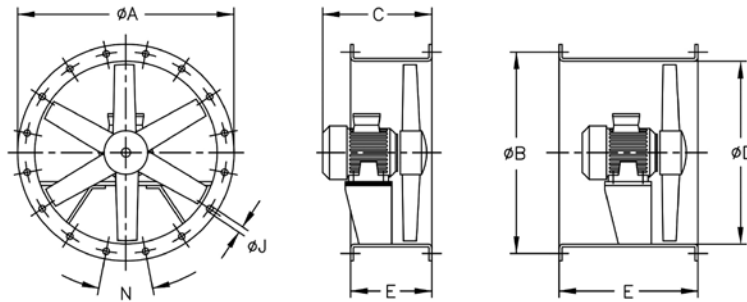
PT/H



PV

Dimensions mm

HGT



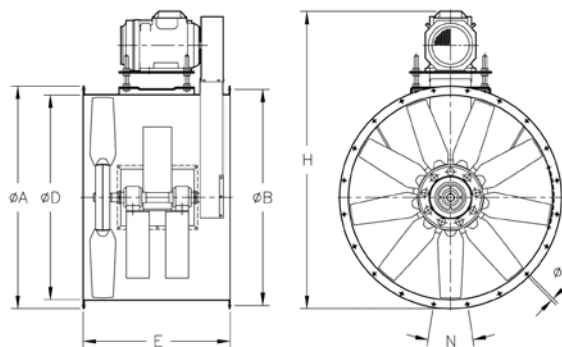
| Model   | ØA   | ØB   | C (Consult motor construction size) |     |     |     |     |     |      | ØD   | E*          |      | ØJ | N      |
|---------|------|------|-------------------------------------|-----|-----|-----|-----|-----|------|------|-------------|------|----|--------|
|         |      |      | 132                                 | 160 | 180 | 200 | 225 | 250 | 280  |      | Short (STD) | long |    |        |
| HGT-125 | 1365 | 1320 | 586                                 | -   | -   | -   | -   | -   | -    | 1250 | 500         | 700  | 15 | 20x18° |
| HGT-125 | 1365 | 1320 | -                                   | 700 | -   | -   | -   | -   | -    | 1250 | 500         | 700  | 15 | 20x18° |
| HGT-125 | 1365 | 1320 | -                                   | -   | 765 | 825 | -   | -   | -    | 1250 | 700         | 900  | 15 | 20x18° |
| HGT-125 | 1365 | 1320 | -                                   | -   | -   | -   | 910 | -   | -    | 1250 | 700         | 1000 | 15 | 20x18° |
| HGT-125 | 1365 | 1320 | -                                   | -   | -   | -   | -   | 985 | -    | 1250 | 700         | 1000 | 15 | 20x18° |
| HGT-125 | 1365 | 1320 | -                                   | -   | -   | -   | -   | -   | 1190 | 1250 | 700         | 1200 | 15 | 20x18° |
| HGT-140 | 1515 | 1470 | 586                                 | -   | -   | -   | -   | -   | -    | 1400 | 400         | 650  | 15 | 20x18° |
| HGT-140 | 1515 | 1470 | -                                   | 700 | -   | -   | -   | -   | -    | 1400 | 450         | 700  | 15 | 20x18° |
| HGT-140 | 1515 | 1470 | -                                   | -   | 765 | 825 | -   | -   | -    | 1400 | 550         | 900  | 15 | 20x18° |
| HGT-140 | 1515 | 1470 | -                                   | -   | -   | -   | 910 | -   | -    | 1400 | 550         | 1000 | 15 | 20x18° |
| HGT-140 | 1515 | 1470 | -                                   | -   | -   | -   | -   | 985 | -    | 1400 | 600         | 1000 | 15 | 20x18° |
| HGT-160 | 1735 | 1680 | 586                                 | -   | -   | -   | -   | -   | -    | 1600 | 400         | 650  | 19 | 24x15° |
| HGT-160 | 1735 | 1680 | -                                   | 700 | -   | -   | -   | -   | -    | 1600 | 450         | 700  | 19 | 24x15° |
| HGT-160 | 1735 | 1680 | -                                   | -   | 765 | 825 | -   | -   | -    | 1600 | 550         | 900  | 19 | 24x15° |
| HGT-160 | 1735 | 1680 | -                                   | -   | -   | -   | 910 | -   | -    | 1600 | 550         | 1000 | 19 | 24x15° |
| HGT-160 | 1735 | 1680 | -                                   | -   | -   | -   | -   | 985 | -    | 1600 | 600         | 1000 | 19 | 24x15° |
| HGT-160 | 1735 | 1680 | -                                   | -   | -   | -   | -   | -   | 1190 | 1600 | 700         | 1200 | 19 | 24x15° |

\* Standard version supplied with short casing. Long casing with inspection hatch available on request.

Motor construction sizes depending on power

| Poles | r/min | hp | 3   | 4   | 5.5 | 7.5 | 10  | 15  | 20  | 25  | 30  | 40  | 50  | 60  | 75  | 100 |
|-------|-------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4T    | 1500  | -  | -   | -   | -   | -   | 132 | 160 | 160 | 180 | 180 | 200 | 225 | 225 | 250 | 280 |
| 6T    | 1000  | -  | 132 | 132 | 132 | 160 | 160 | 160 | 180 | 200 | 200 | 225 | 250 | 280 | 280 | 280 |
| 8T    | 750   | -  | 132 | 132 | 160 | 160 | 160 | 180 | 200 | 225 | 225 | 250 | -   | -   | -   | -   |

HGTX



| Model     | ØA   | ØB   | ØD   | E    | H (Consult motor construction size) |      |      |      |      |      |      | ØJ | N  |        |
|-----------|------|------|------|------|-------------------------------------|------|------|------|------|------|------|----|----|--------|
|           |      |      |      |      | 132                                 | 160  | 180  | 200  | 225  | 250  | 280  |    |    |        |
| HGT-X 125 | 1365 | 1320 | 1250 | 900  | 1743                                | 1815 | 1850 | -    | -    | -    | -    | -  | 15 | 20x18° |
| HGT-X 125 | 1365 | 1320 | 1250 | 960  | -                                   | -    | -    | 1930 | 1995 | -    | -    | -  | 15 | 20x18° |
| HGT-X 125 | 1365 | 1320 | 1250 | 1100 | -                                   | -    | -    | -    | -    | 2060 | -    | -  | 15 | 20x18° |
| HGT-X 125 | 1365 | 1320 | 1250 | 1100 | -                                   | -    | -    | -    | -    | -    | 2090 | -  | 15 | 20x18° |

Motor construction sizes depending on power

| Poles | r/min | hp | 3   | 4   | 5.5 | 7.5 | 10  | 15  | 20  | 25  | 30  | 40  | 50  | 60  | 75  | 100 |
|-------|-------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4T    | 1500  | -  | -   | -   | -   | -   | 132 | 160 | 160 | 180 | 180 | 200 | 225 | 225 | 250 | 280 |
| 6T    | 1000  | -  | 132 | 132 | 132 | 160 | 160 | 160 | 180 | 200 | 200 | 225 | 250 | 280 | 280 | 280 |
| 8T    | 750   | -  | 132 | 132 | 160 | 160 | 160 | 180 | 200 | 225 | 225 | 250 | -   | -   | -   | -   |

## SELECTION EXAMPLE

### Characteristic curves

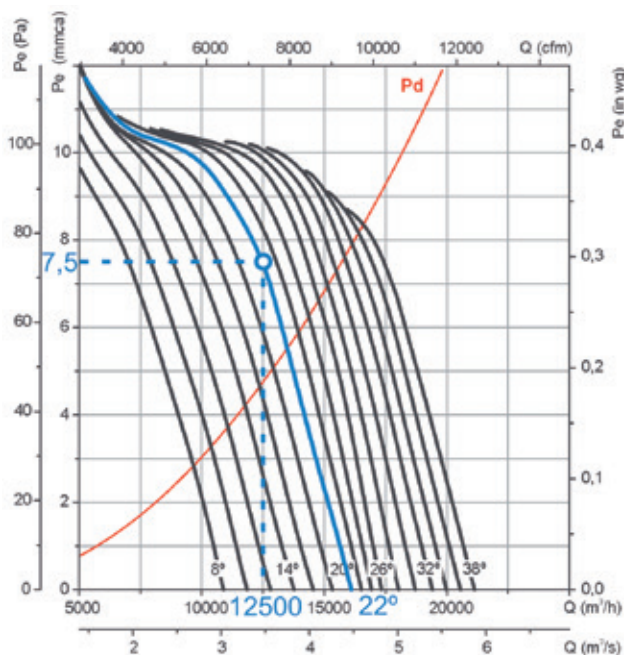
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

**Rotor diameter (cm): 125**

**Number of poles: 8**

**Number of blades: 3**



### Starting data

- Working point:
- Flow rate: 12,500 m<sup>3</sup>/h
- Load loss: 7.5 mm c.a.

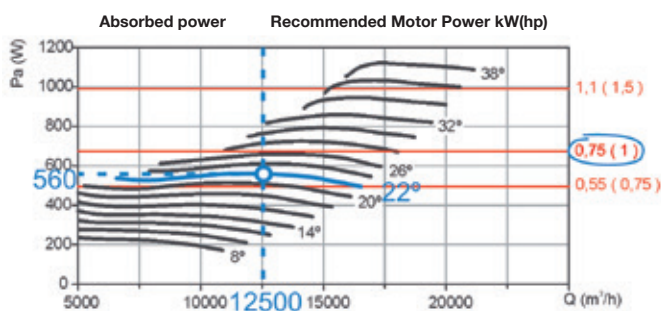
### Equipment selection steps

#### On the pressure graph:

1. Mark the working point defined by the flow rate (12,500 m<sup>3</sup>/h) and the load loss (7.5 mm H<sub>2</sub>O).
2. Select the nearest equipment curve above the working point. In this case, a blade angle curve of 22° is obtained.

#### On the power graph:

3. Mark the working point defined by the working flow rate (12,500 m<sup>3</sup>/h) and the selected blade angle curve (22°).
4. Read the absorbed power on the left power axis. Pa= 560 W at the working point.
5. Find the nearest straight red line above the working point. The installed motor power is given on the right side of the graph. In this case, 0.75 kW or 1 hp.



## ORDER CODE EXAMPLE

**HGT** — **125** — **8T** — **3** — **1** — **22**

HGT: Tubular axial fans with large diameters and direct drive motors.

HGTX: Large diameter tubular axial fans with external motor.

Rotor diameter in cm

Number of motor poles  
4=1680 r/min. 60 Hz  
6=1080 r/min. 60 Hz  
8=900 r/min. 60 Hz

T= Three-phase  
M=Single-phase

Number of blades  
3 blades  
6 blades  
9 blades

Motor power (hp)

Blade inclination angle



**Characteristic curves**

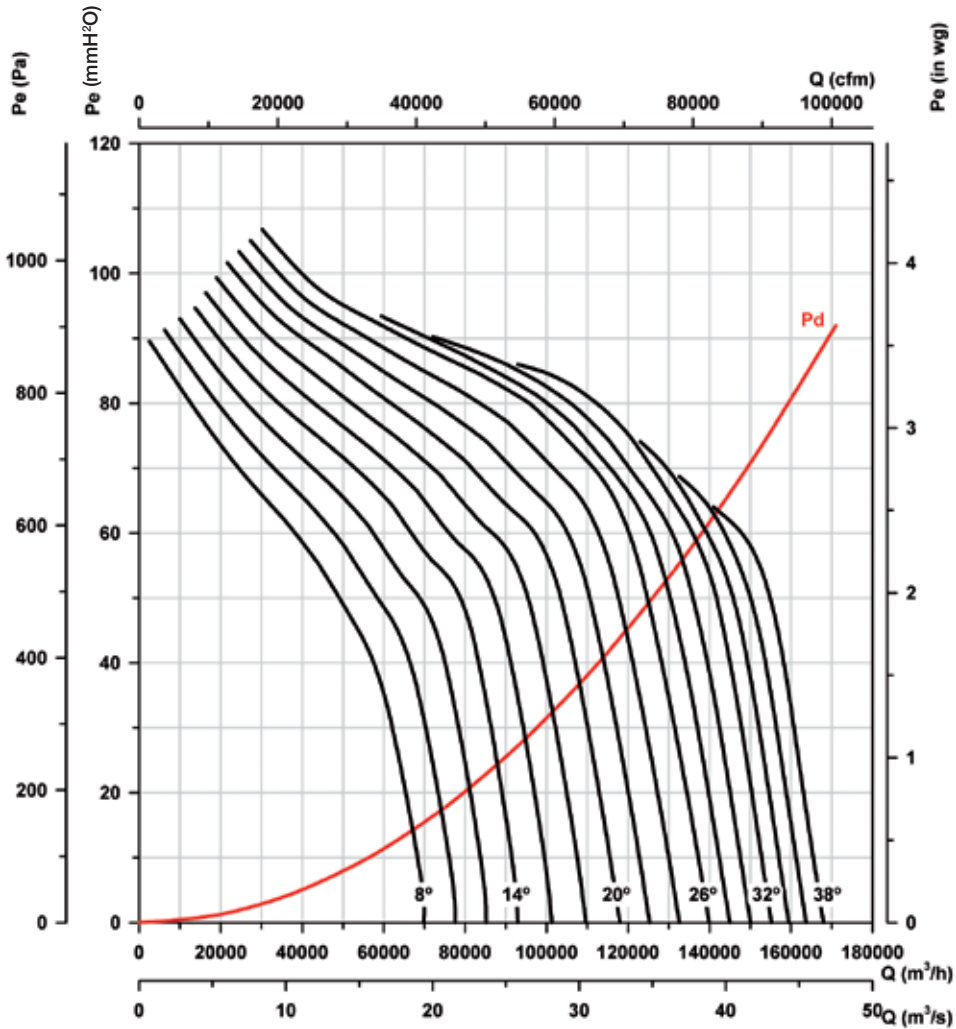
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

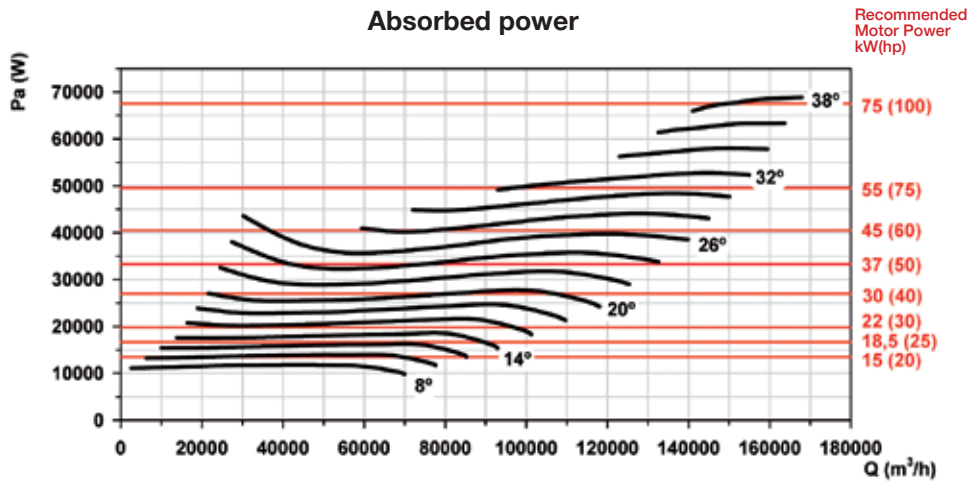
**Rotor diameter (cm): 125**

**Number of poles: 4**

**Number of blades: 3**



**Absorbed power**



**Characteristic curves**

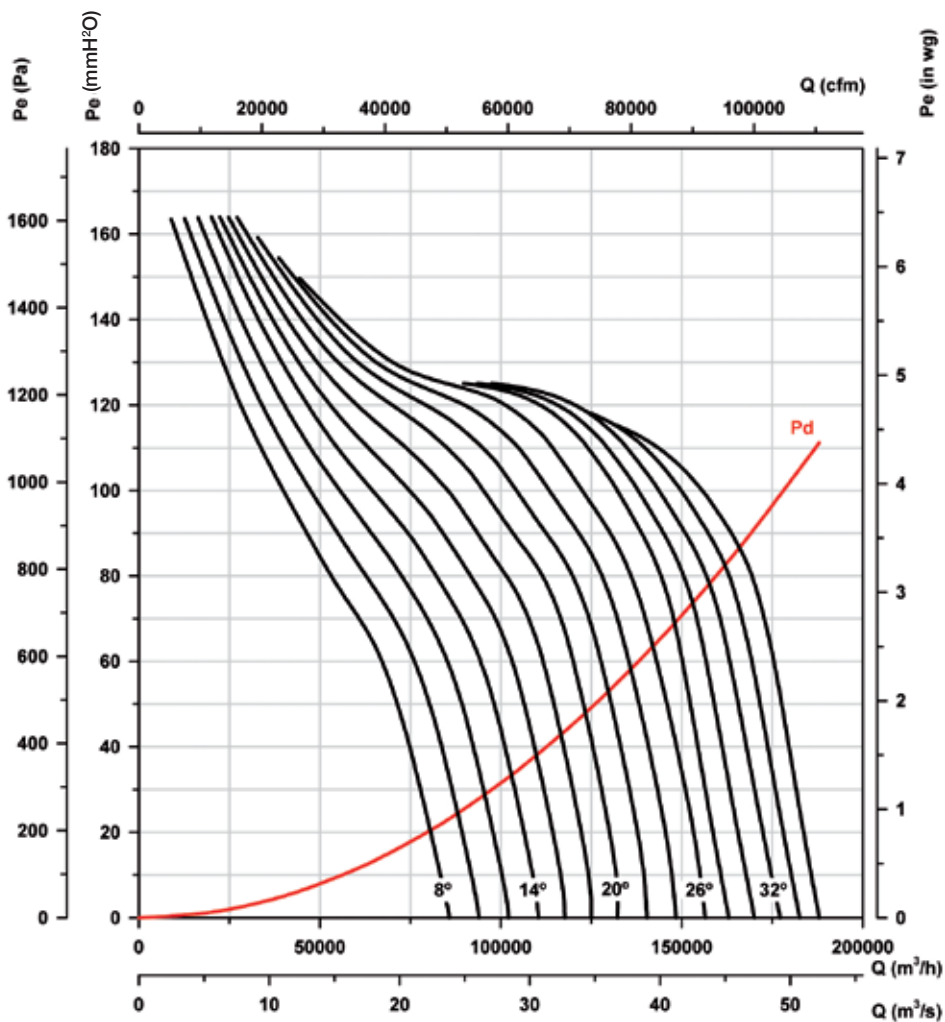
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

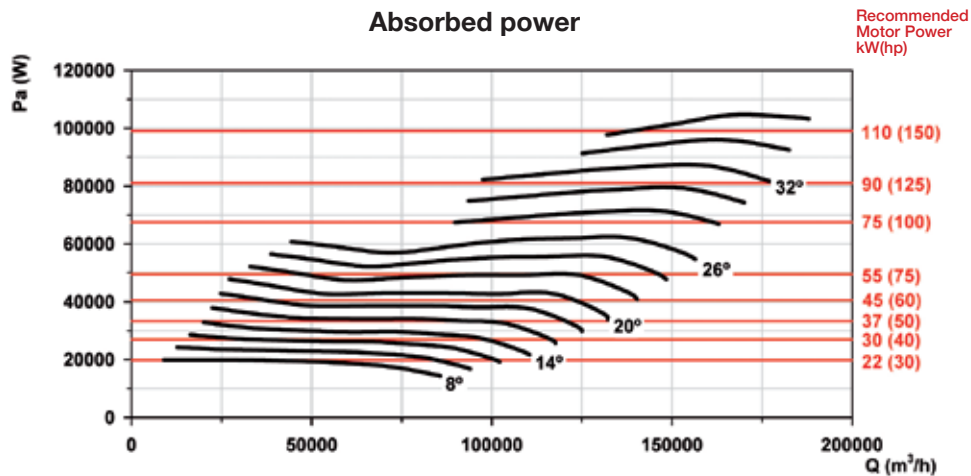
**Rotor diameter (cm): 125**

**Number of poles: 4**

**Number of blades: 6**



**Absorbed power**





**Characteristic curves**

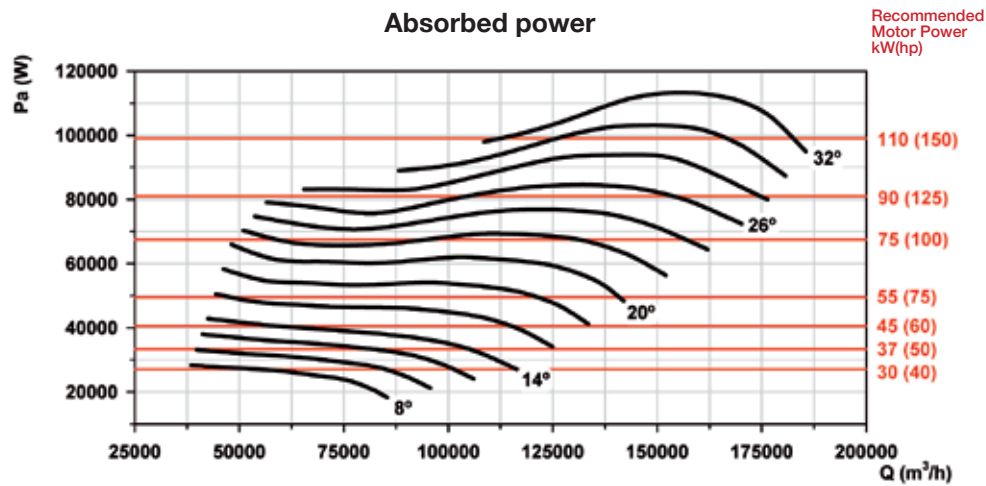
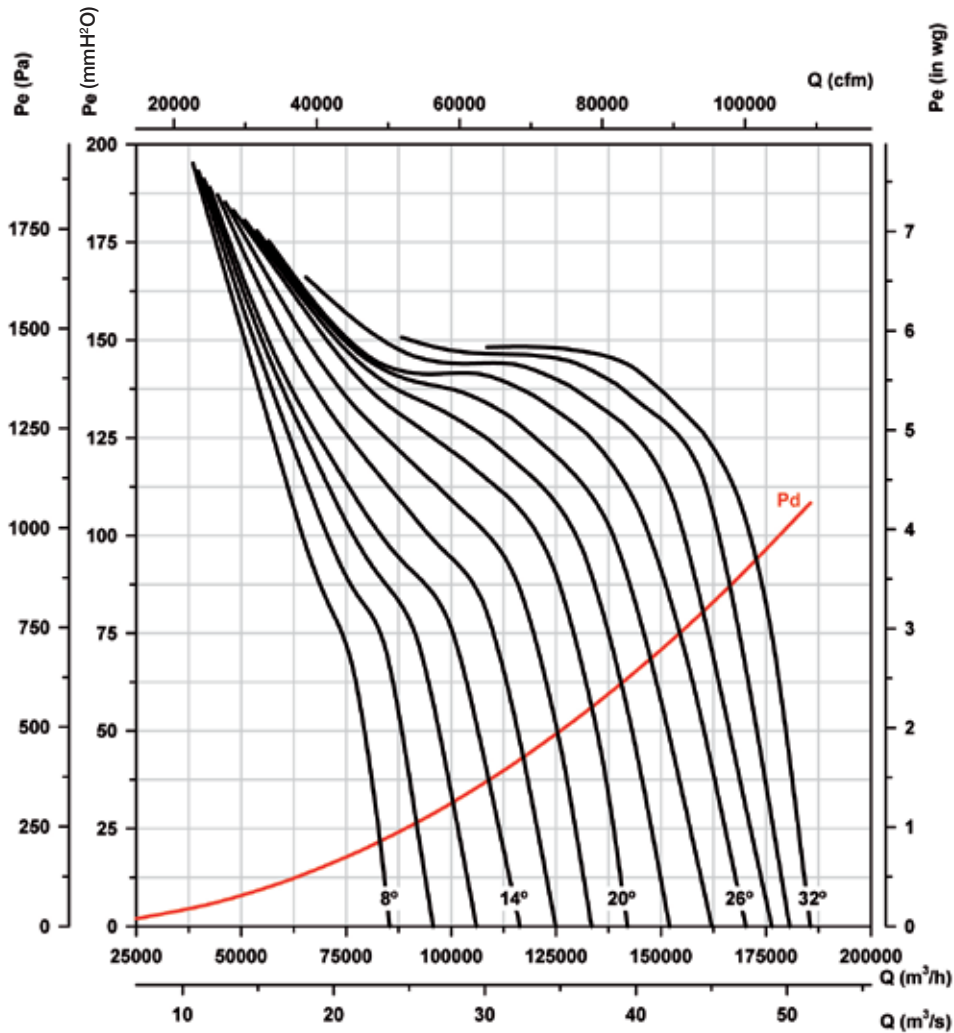
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

**Rotor diameter (cm): 125**

**Number of poles: 4**

**Number of blades: 9**



**Characteristic curves**

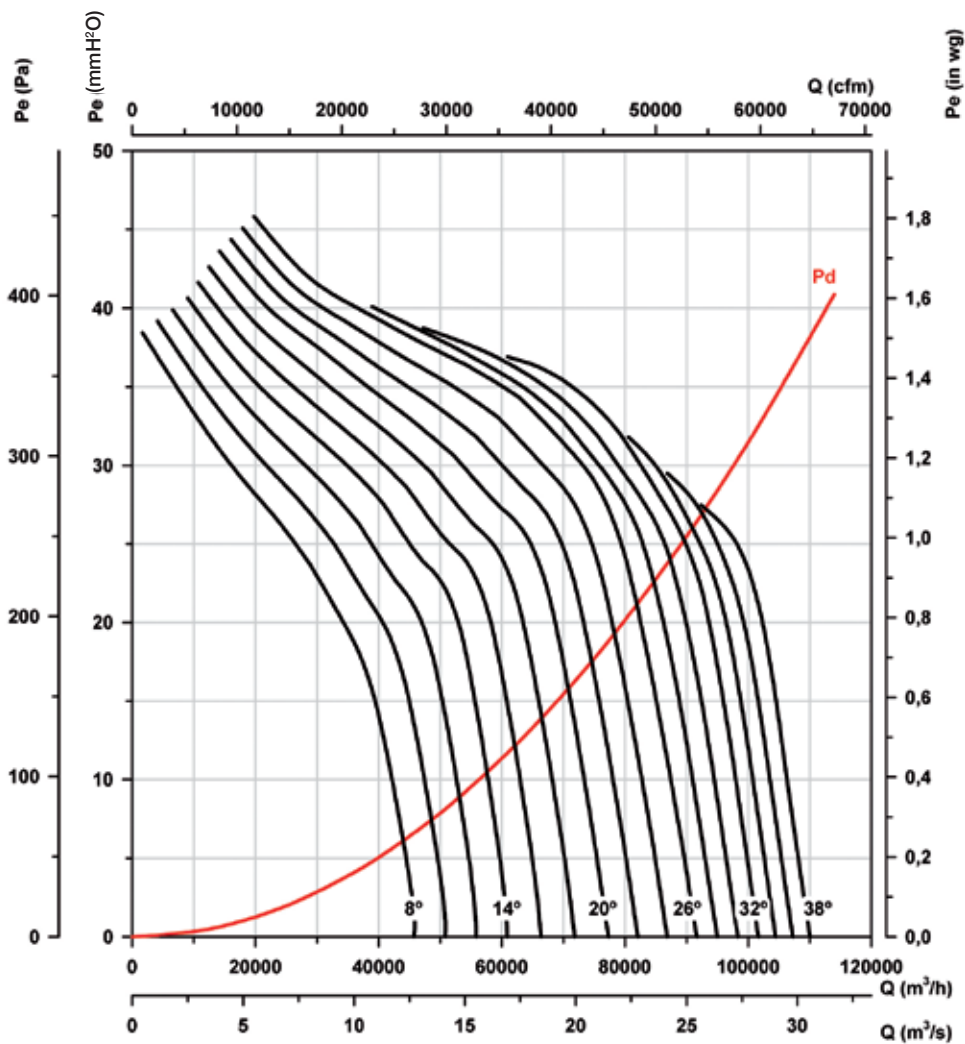
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sup>2</sup>O, Pa and inwg.

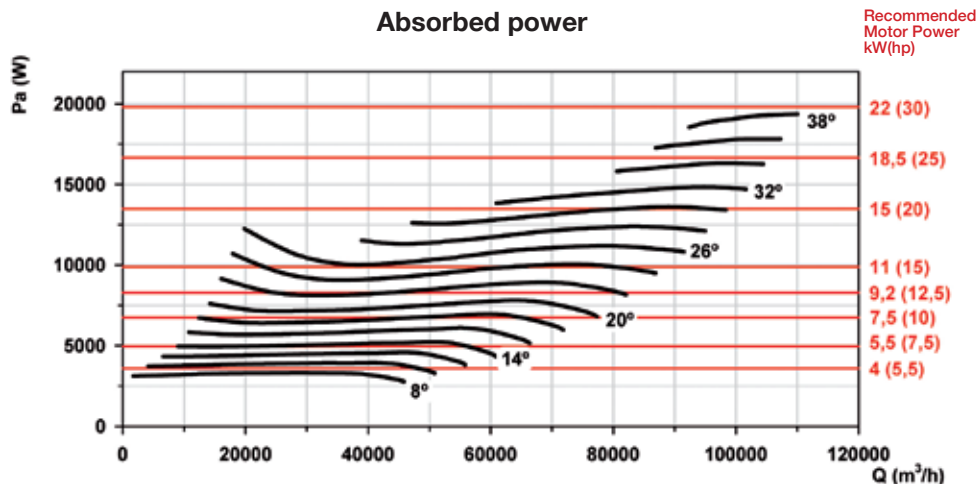
**Rotor diameter (cm): 125**

**Number of poles: 6**

**Number of blades: 3**



**Absorbed power**



**Characteristic curves**

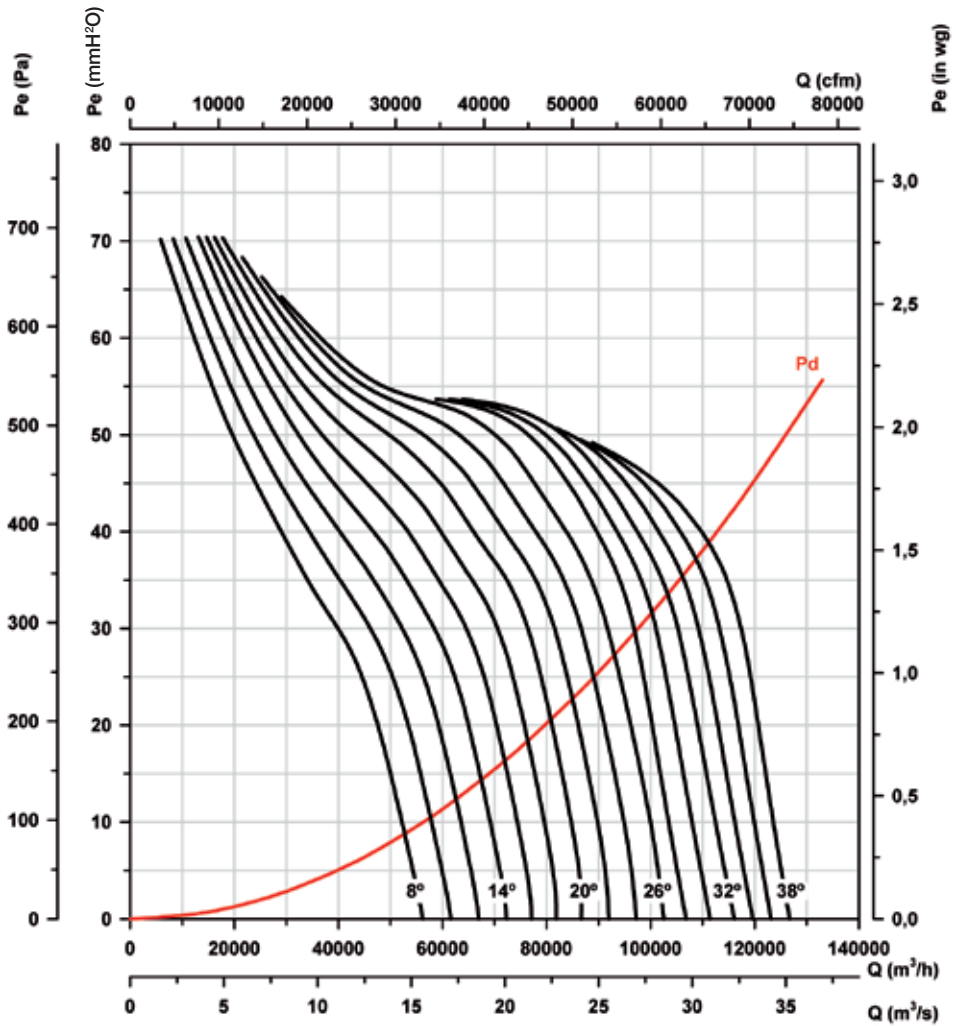
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

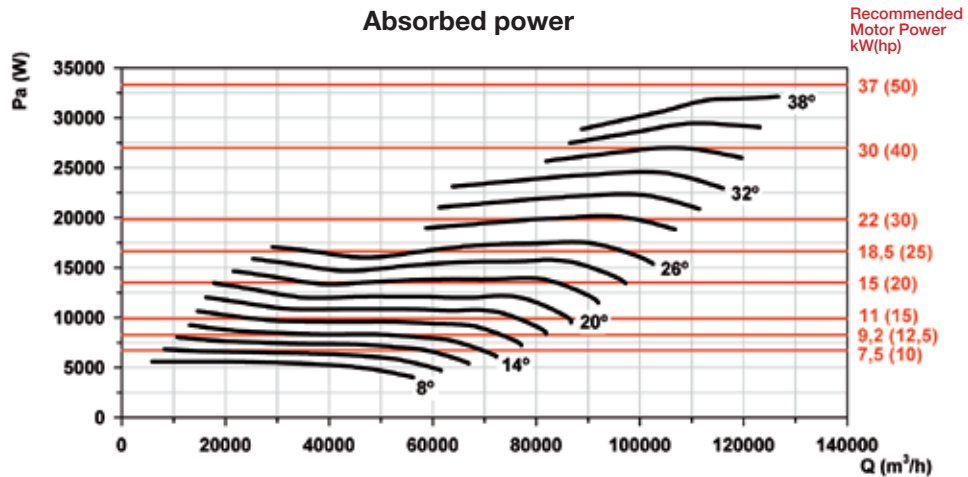
**Rotor diameter (cm): 125**

**Number of poles: 6**

**Number of blades: 6**



**Absorbed power**



**Characteristic curves**

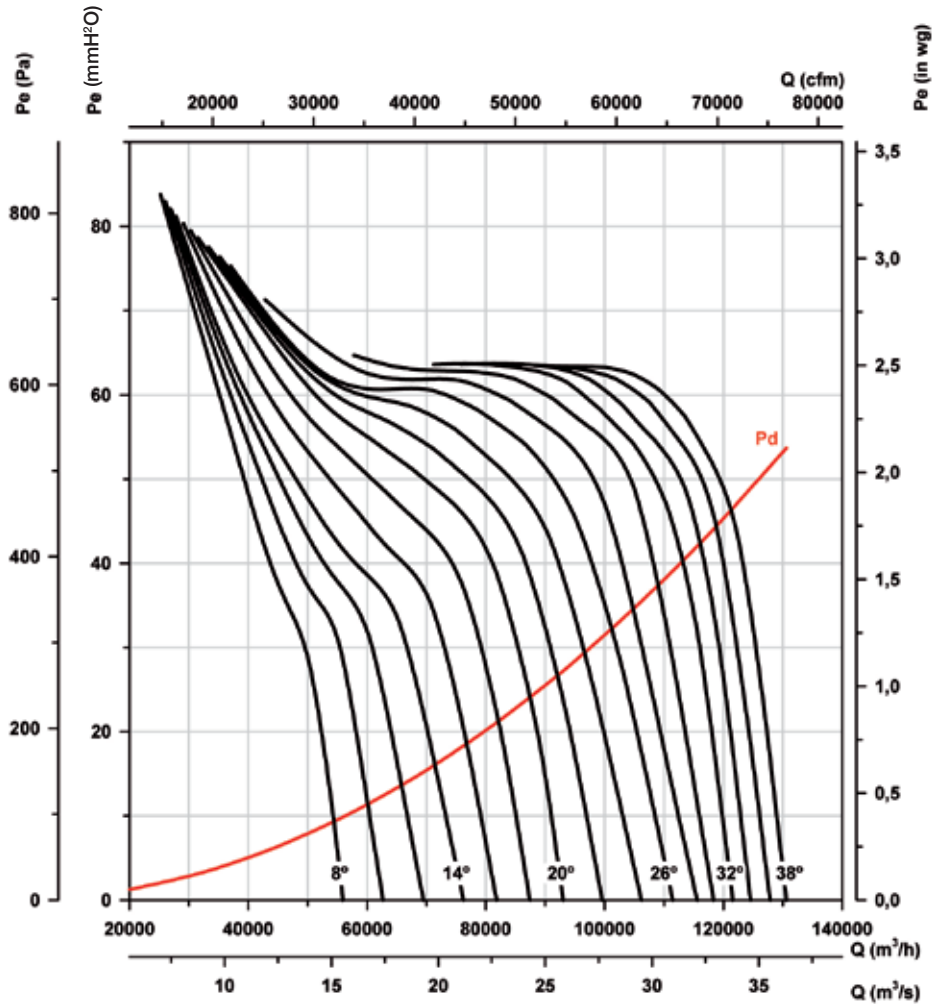
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

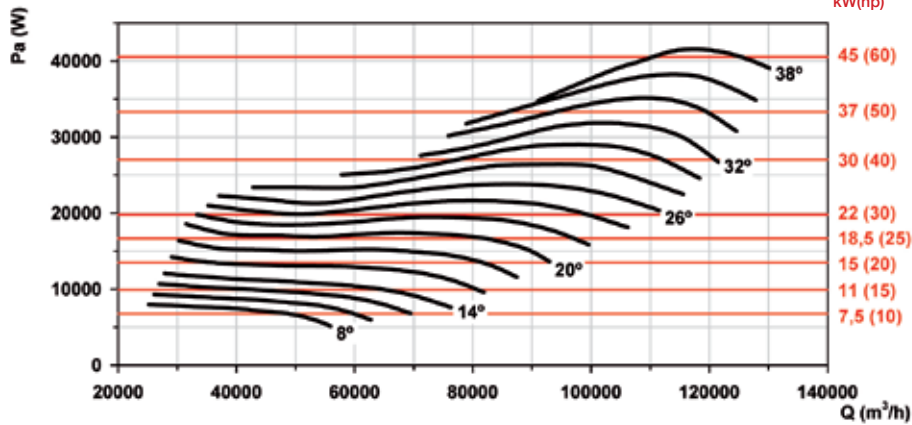
**Rotor diameter (cm): 125**

**Number of poles: 6**

**Number of blades: 9**



**Absorbed power**



Recommended Motor Power kW(hp)

**Characteristic curves**

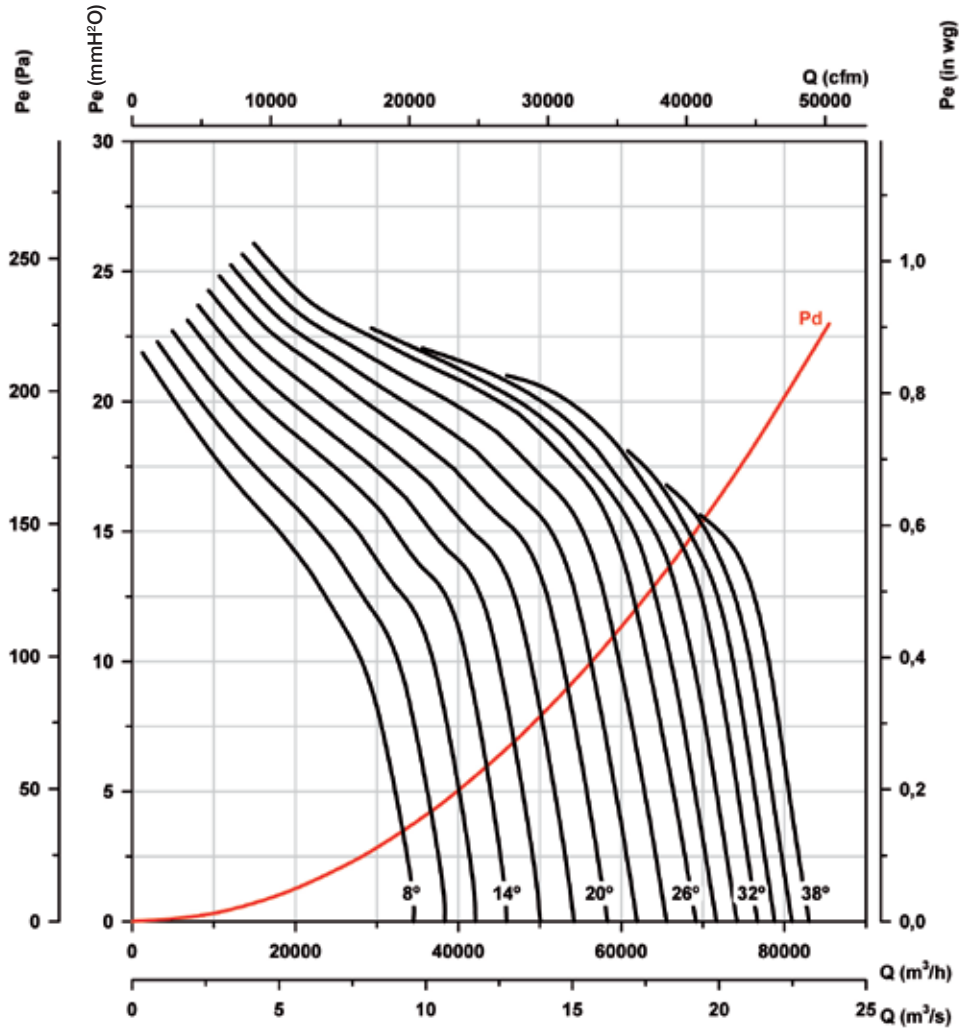
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

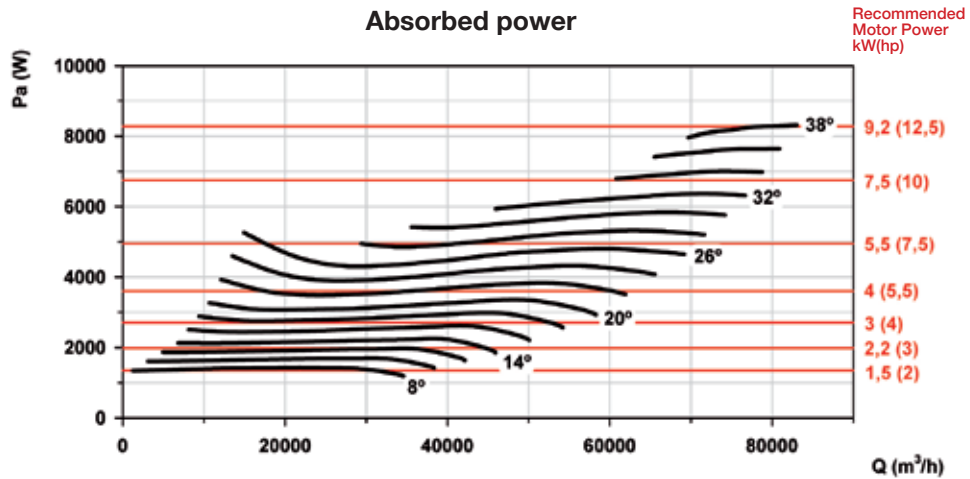
**Rotor diameter (cm): 125**

**Number of poles: 8**

**Number of blades: 3**



**Absorbed power**



Characteristic curves

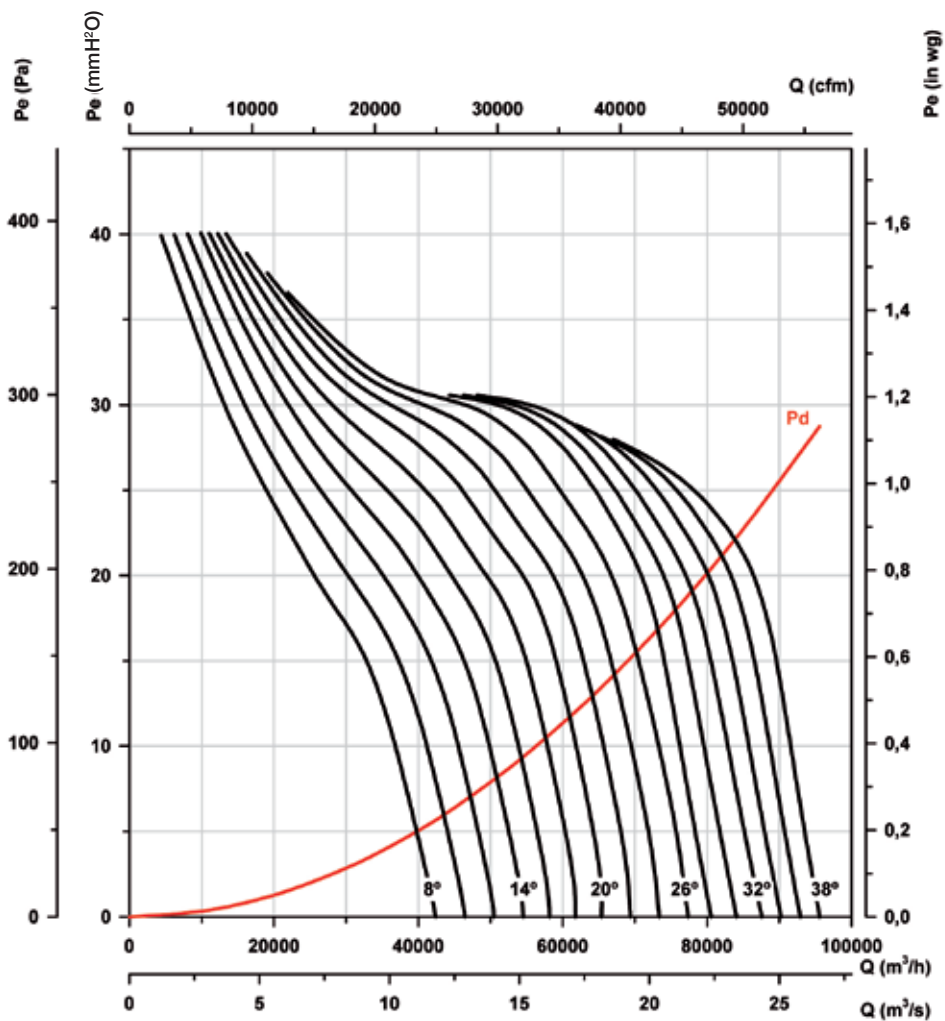
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

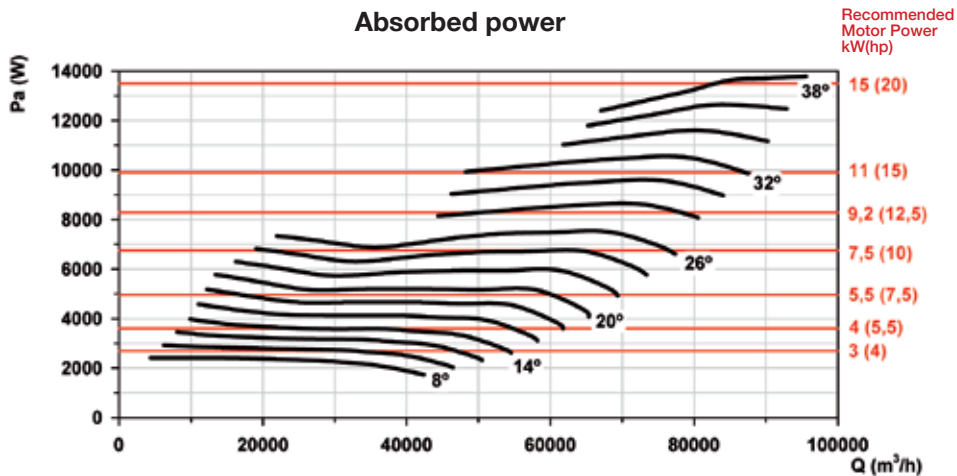
Rotor diameter (cm): 125

Number of poles: 8

Number of blades: 6



Absorbed power





**Characteristic curves**

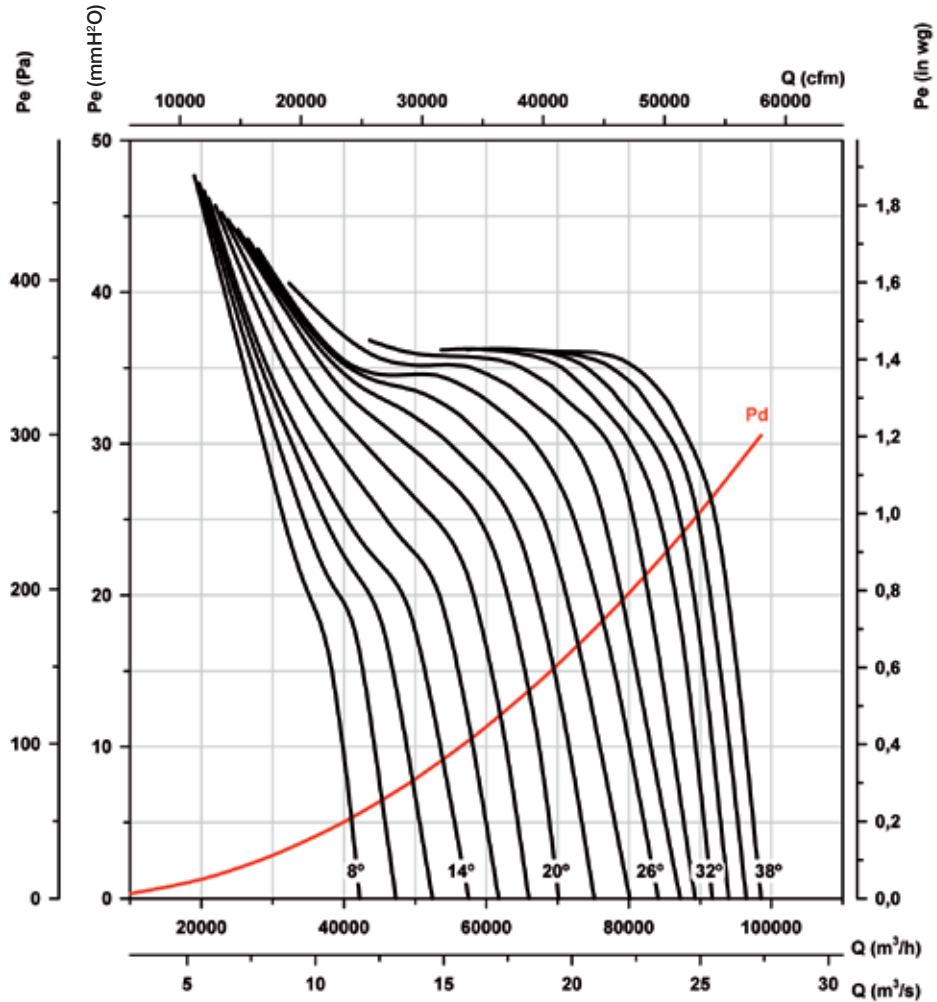
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

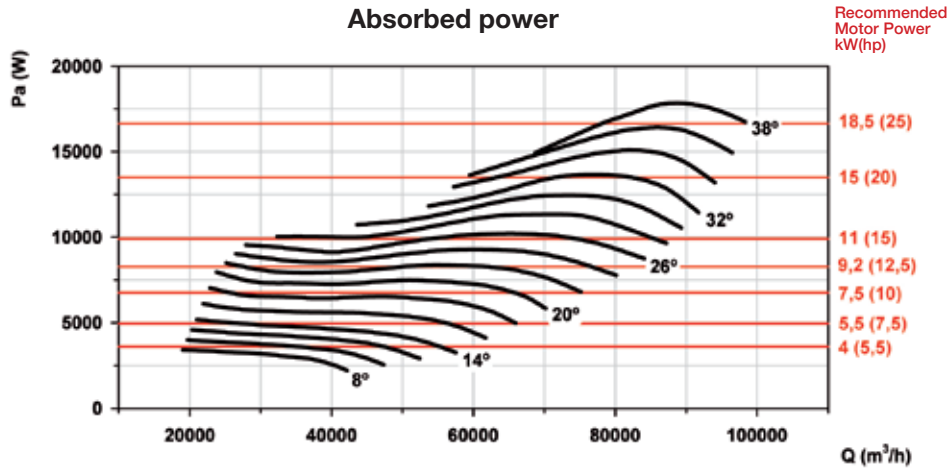
**Rotor diameter (cm): 125**

**Number of poles: 8**

**Number of blades: 9**



**Absorbed power**



Characteristic curves

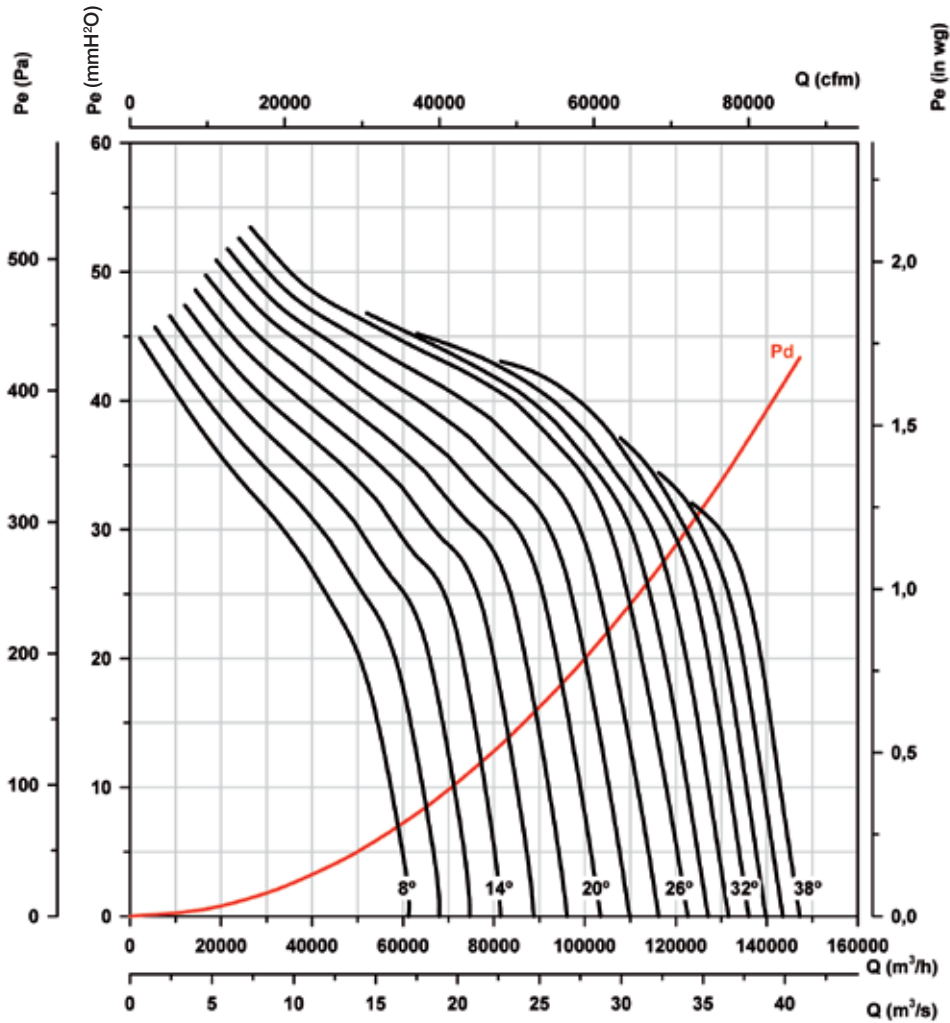
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

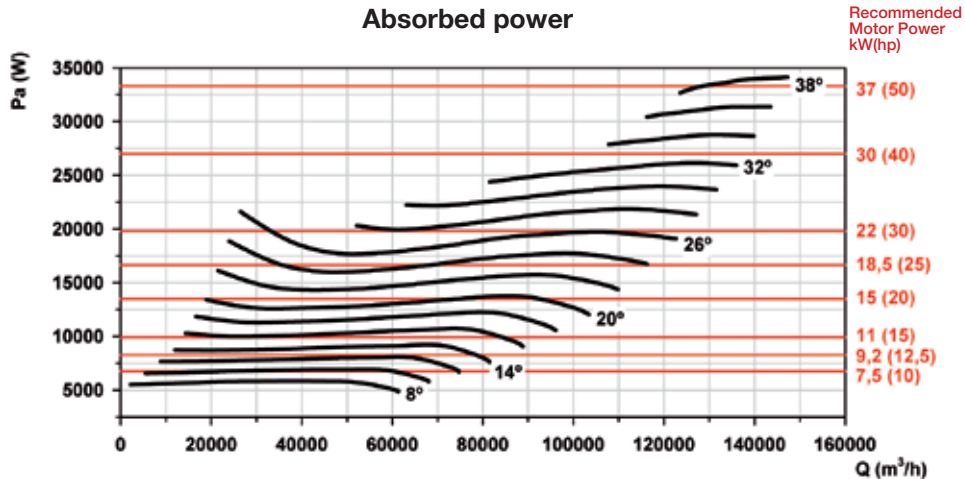
Rotor diameter (cm): 140

Number of poles: 6

Number of blades: 3



Absorbed power



**Characteristic curves**

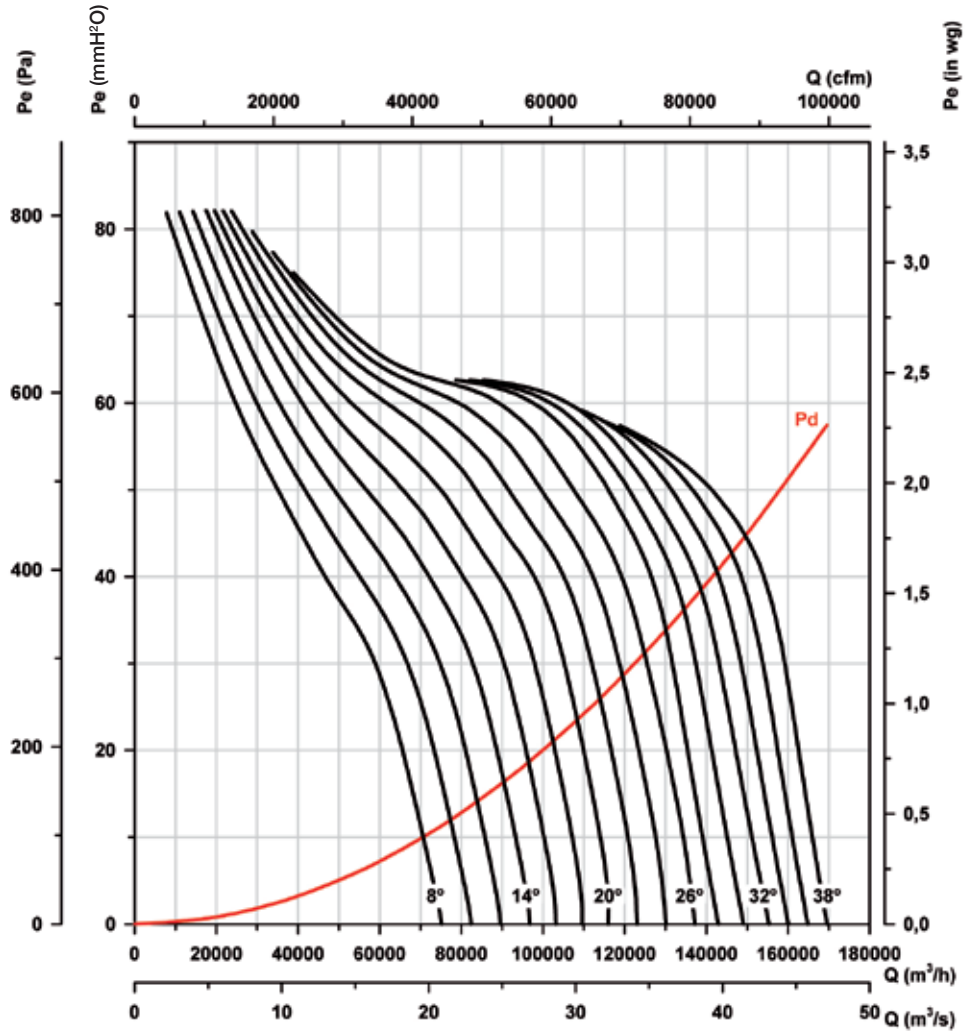
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

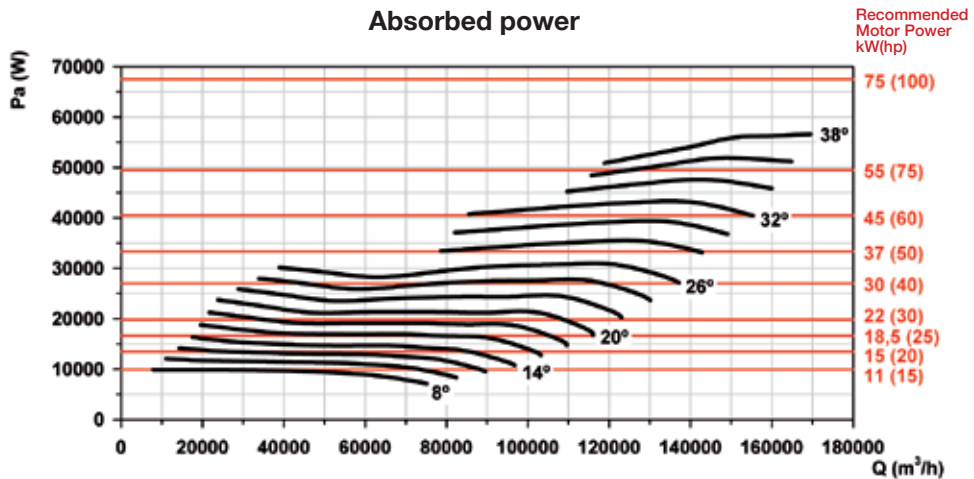
**Rotor diameter (cm): 140**

**Number of poles: 6**

**Number of blades: 6**



**Absorbed power**



**Characteristic curves**

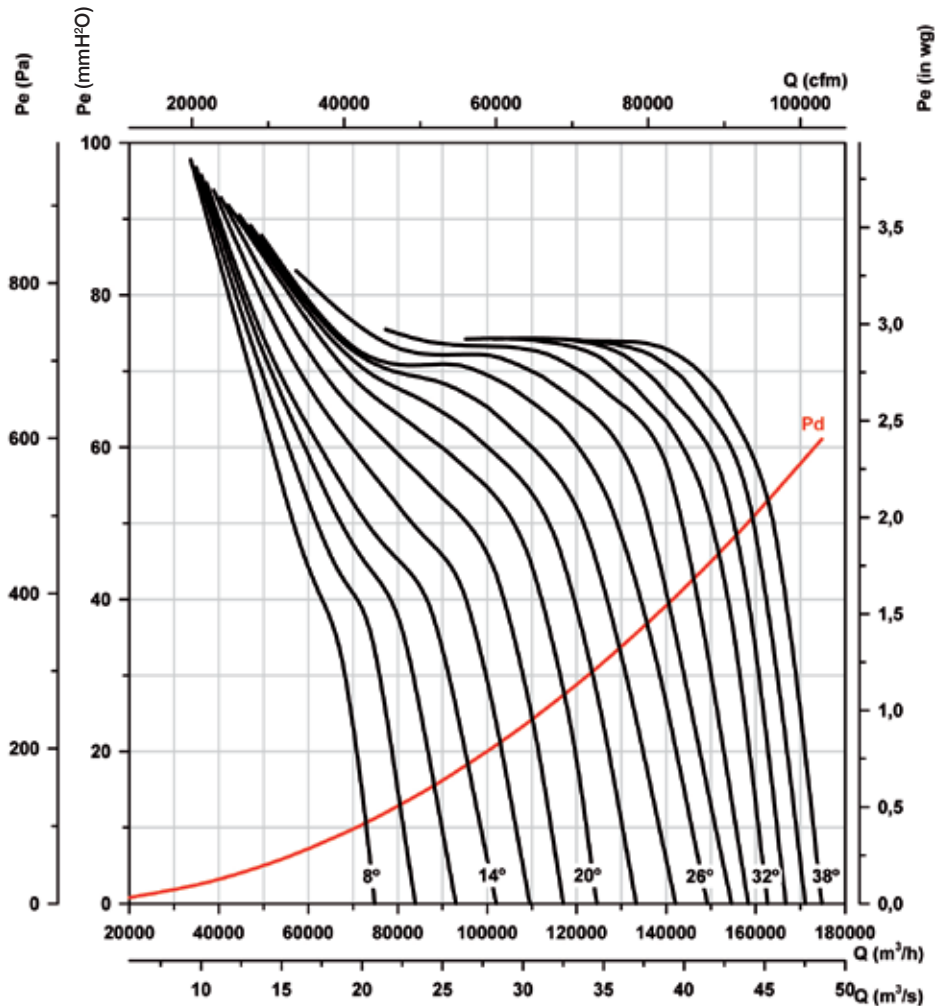
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

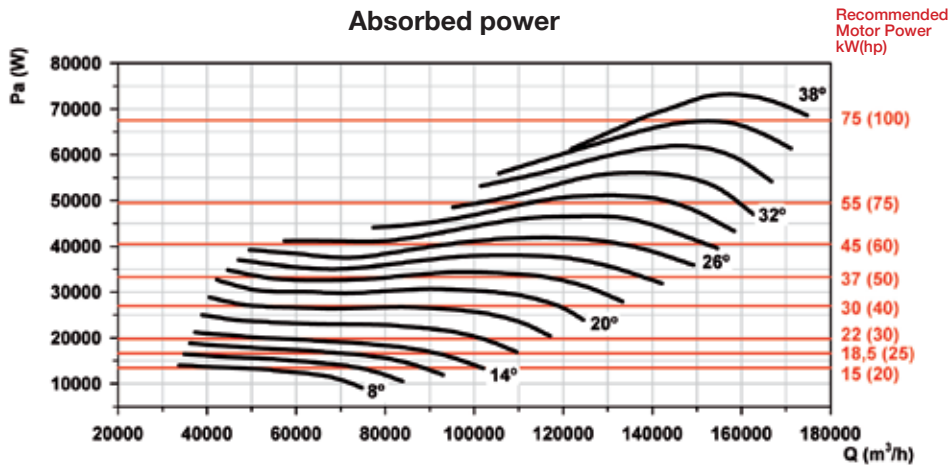
**Rotor diameter (cm): 140**

**Number of poles: 6**

**Number of blades: 9**



**Absorbed power**



**Characteristic curves**

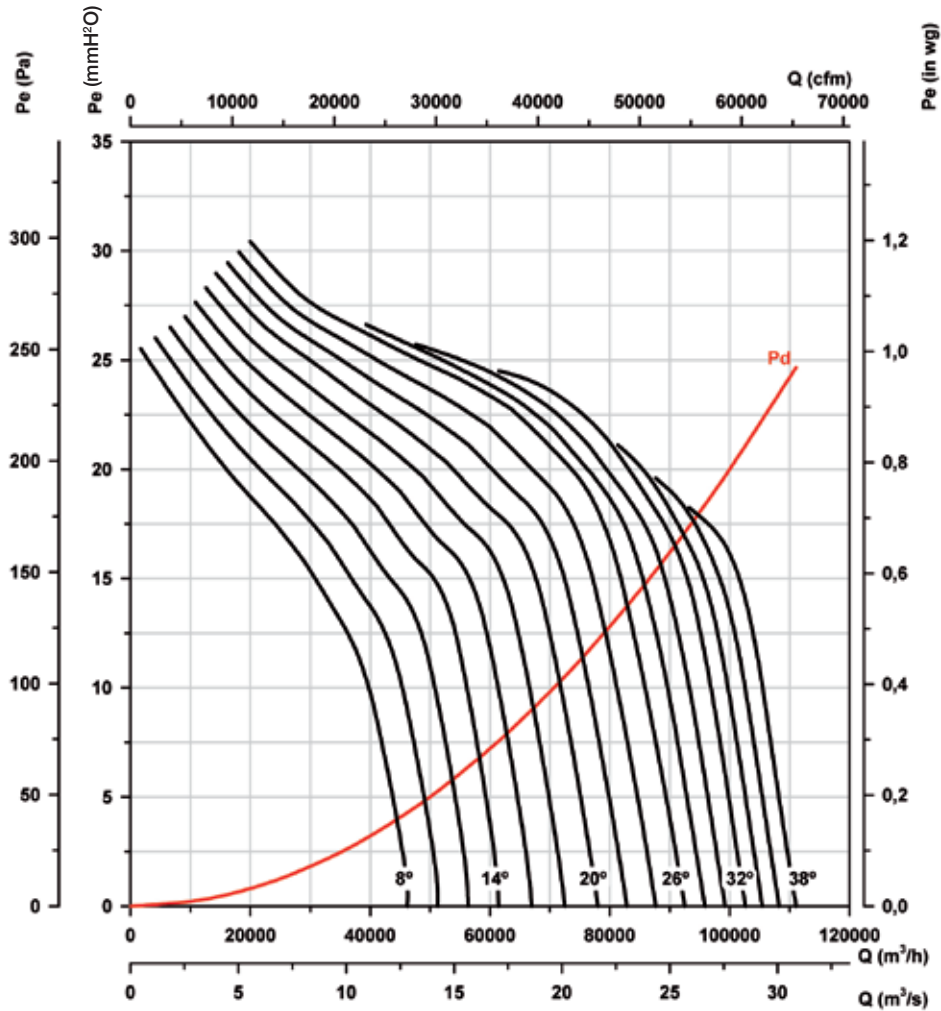
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

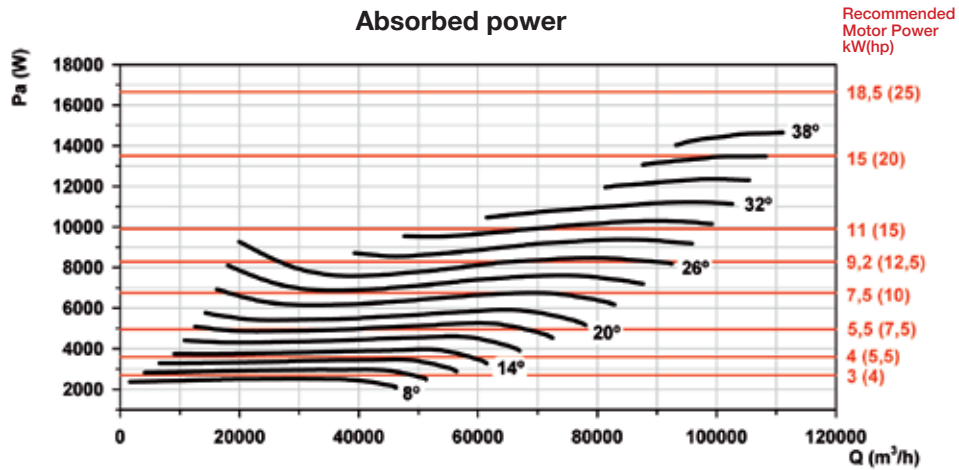
**Rotor diameter (cm): 140**

**Number of poles: 8**

**Number of blades: 3**



**Absorbed power**





Characteristic curves

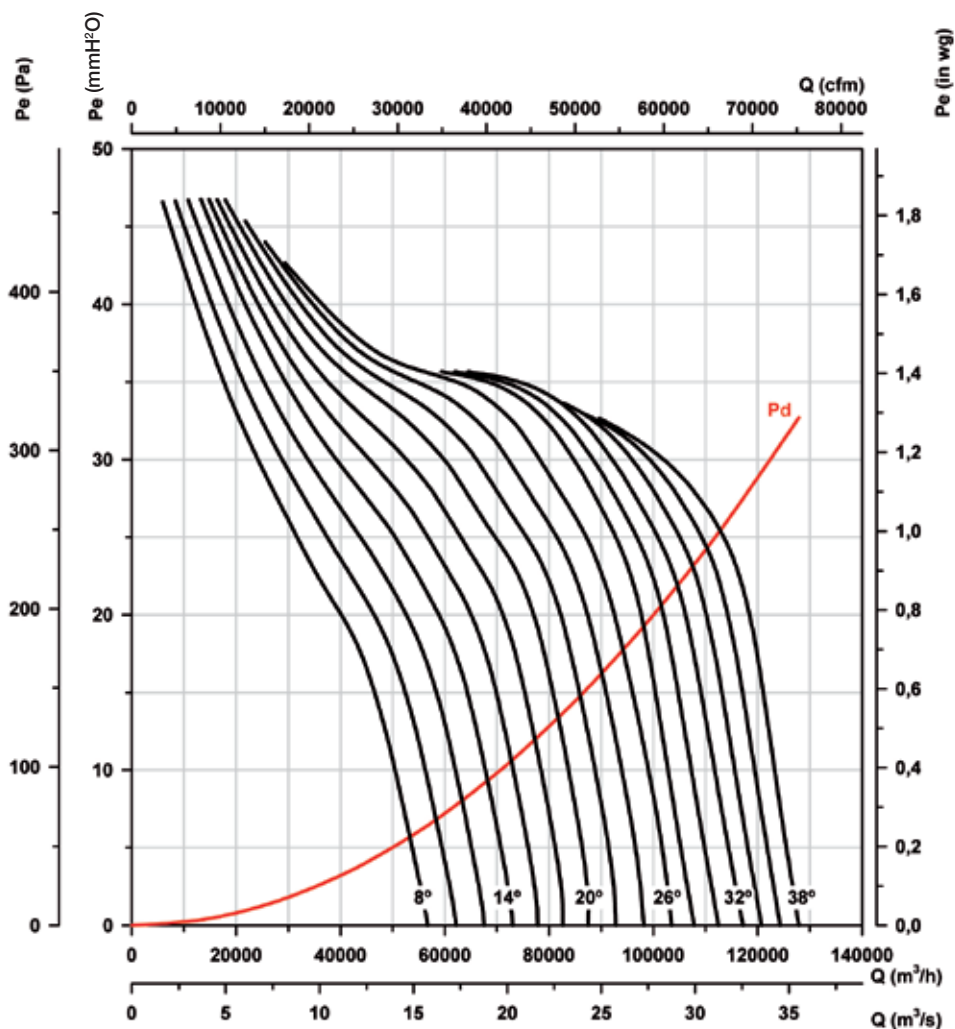
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

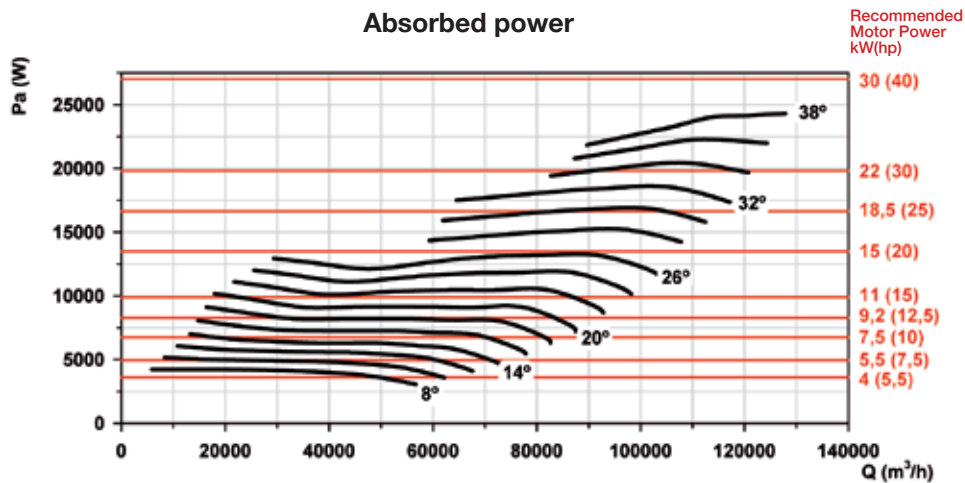
Rotor diameter (cm): 140

Number of poles: 8

Number of blades: 6



Absorbed power





**Characteristic curves**

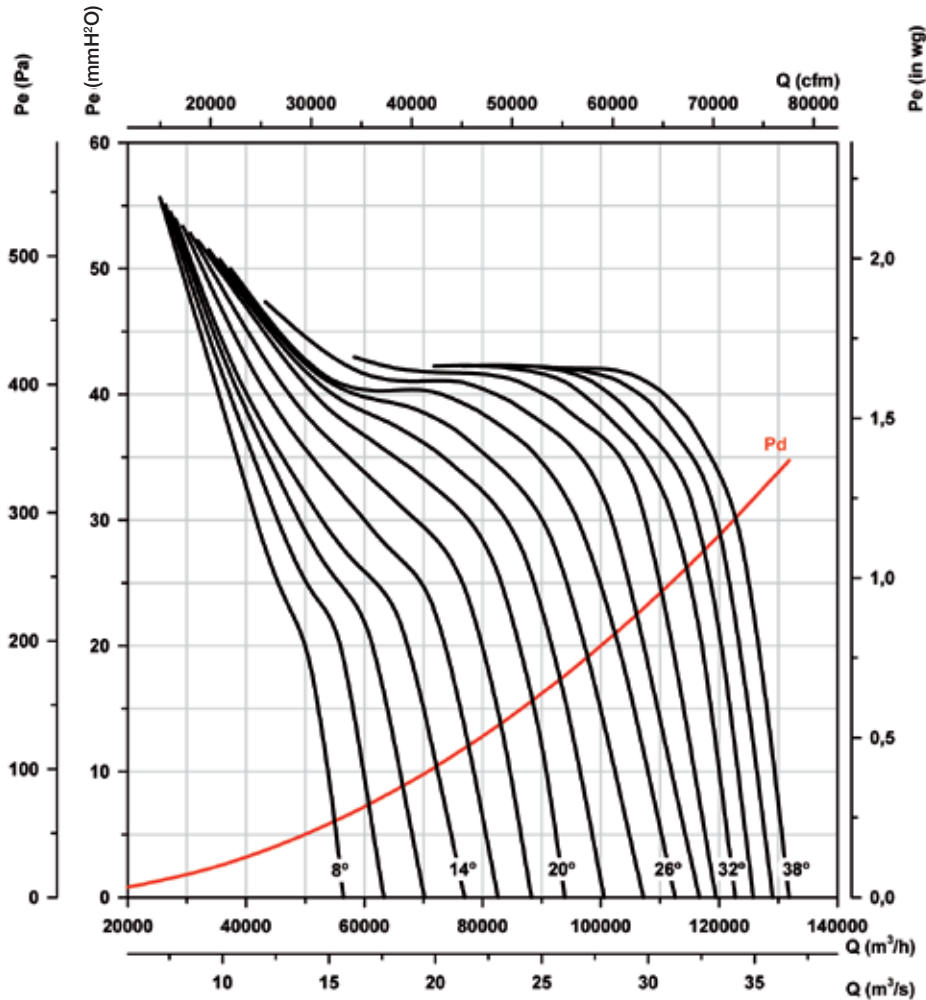
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sup>2</sup>O, Pa and inwg.

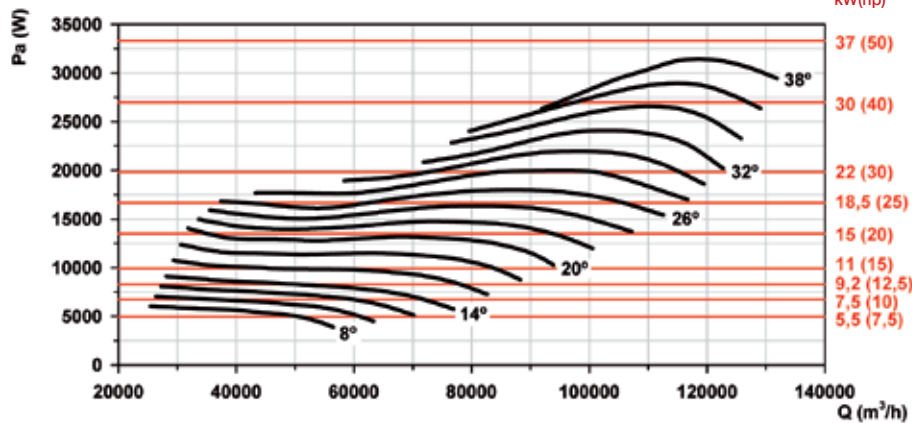
**Rotor diameter (cm): 140**

**Number of poles: 8**

**Number of blades: 9**



Absorbed power



Characteristic curves

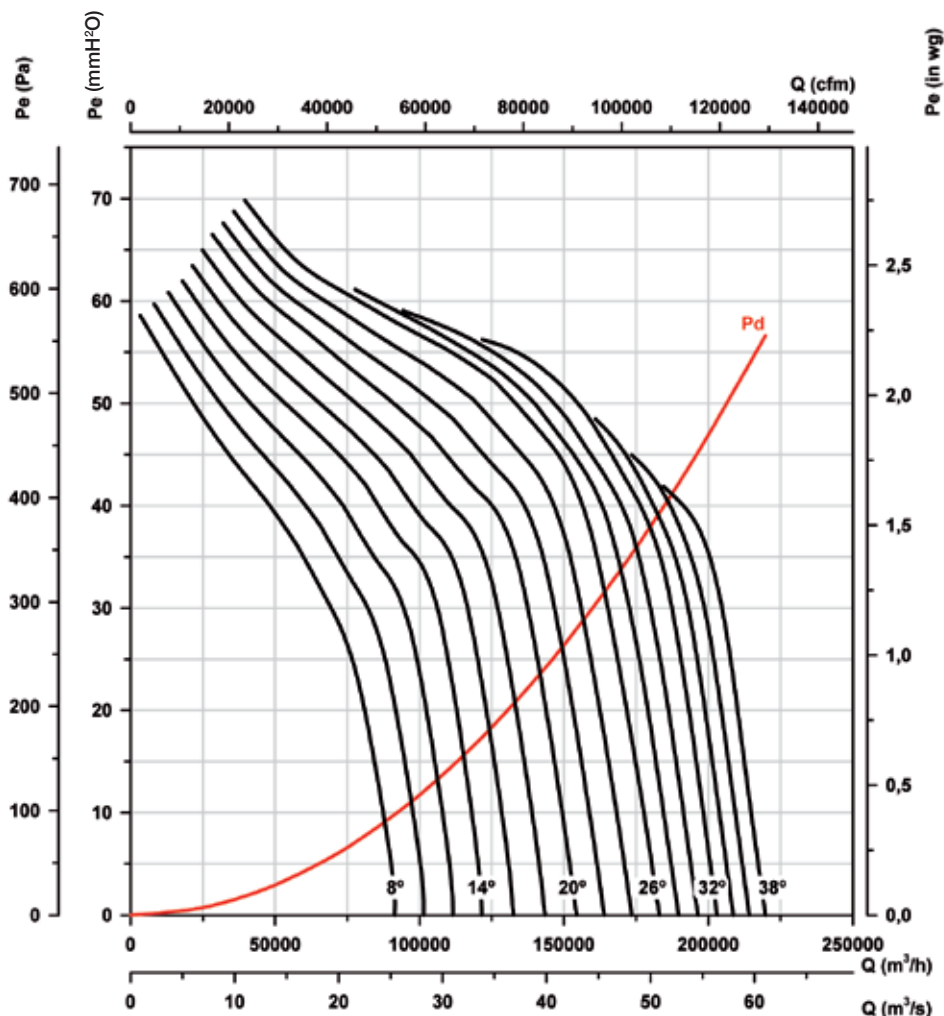
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

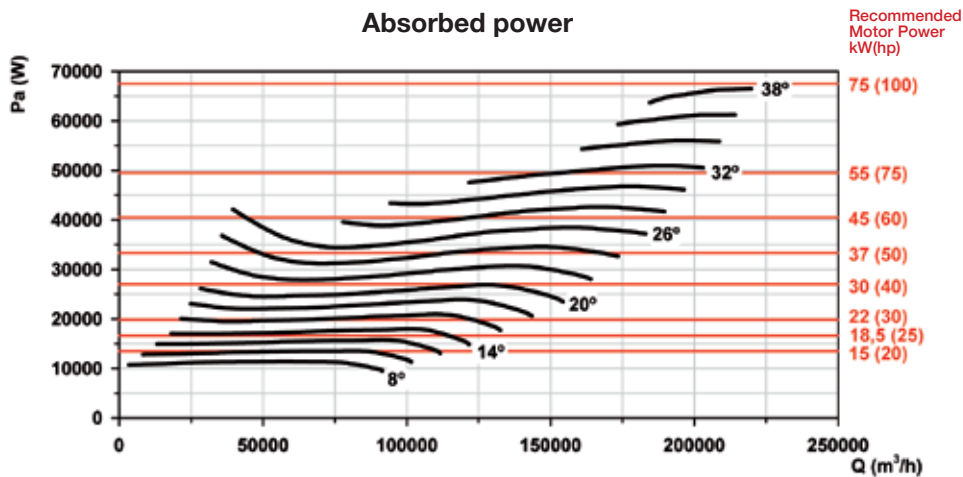
Rotor diameter (cm): 160

Number of poles: 6

Number of blades: 3



Absorbed power



**Characteristic curves**

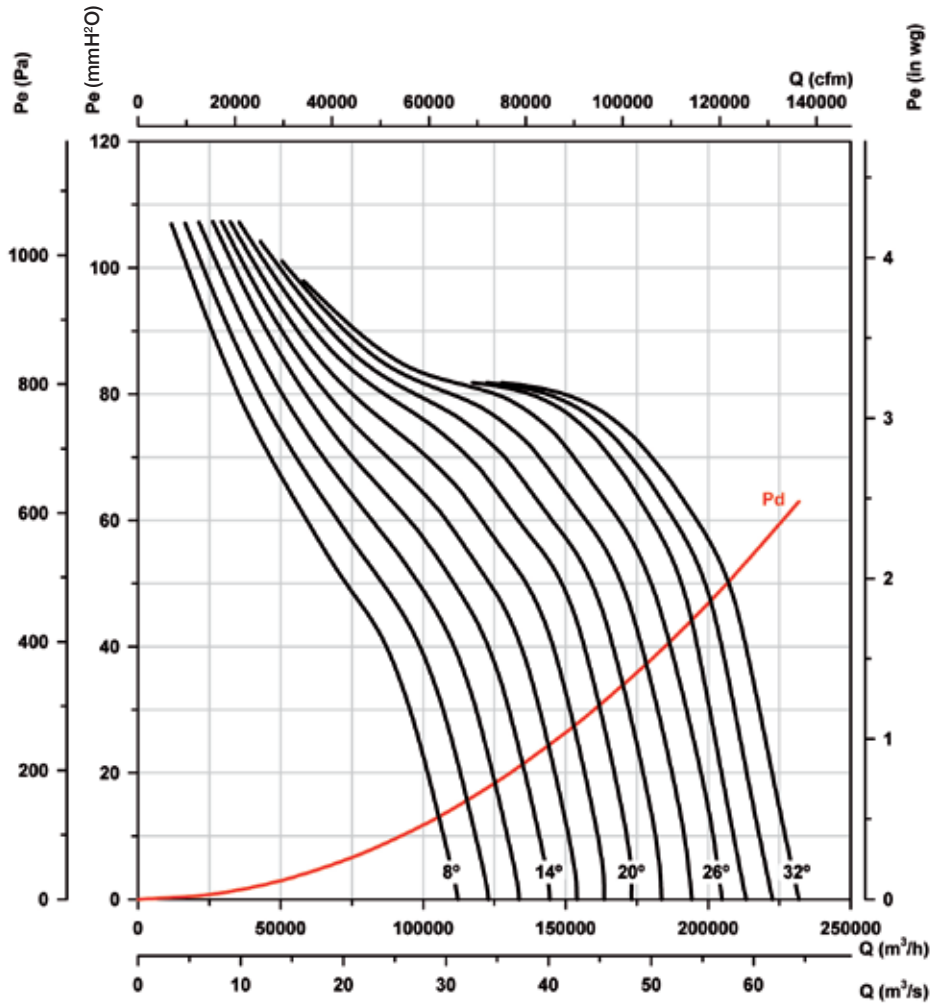
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

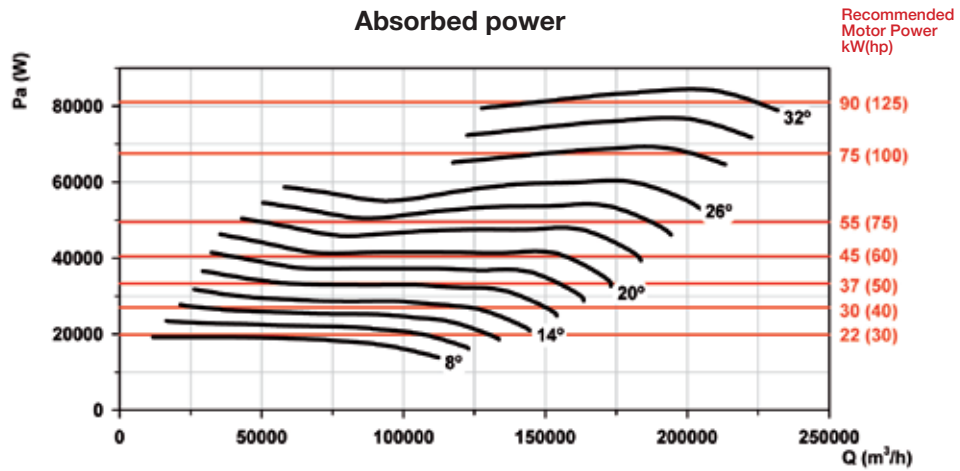
**Rotor diameter (cm): 160**

**Number of poles: 6**

**Number of blades: 6**



**Absorbed power**



**Characteristic curves**

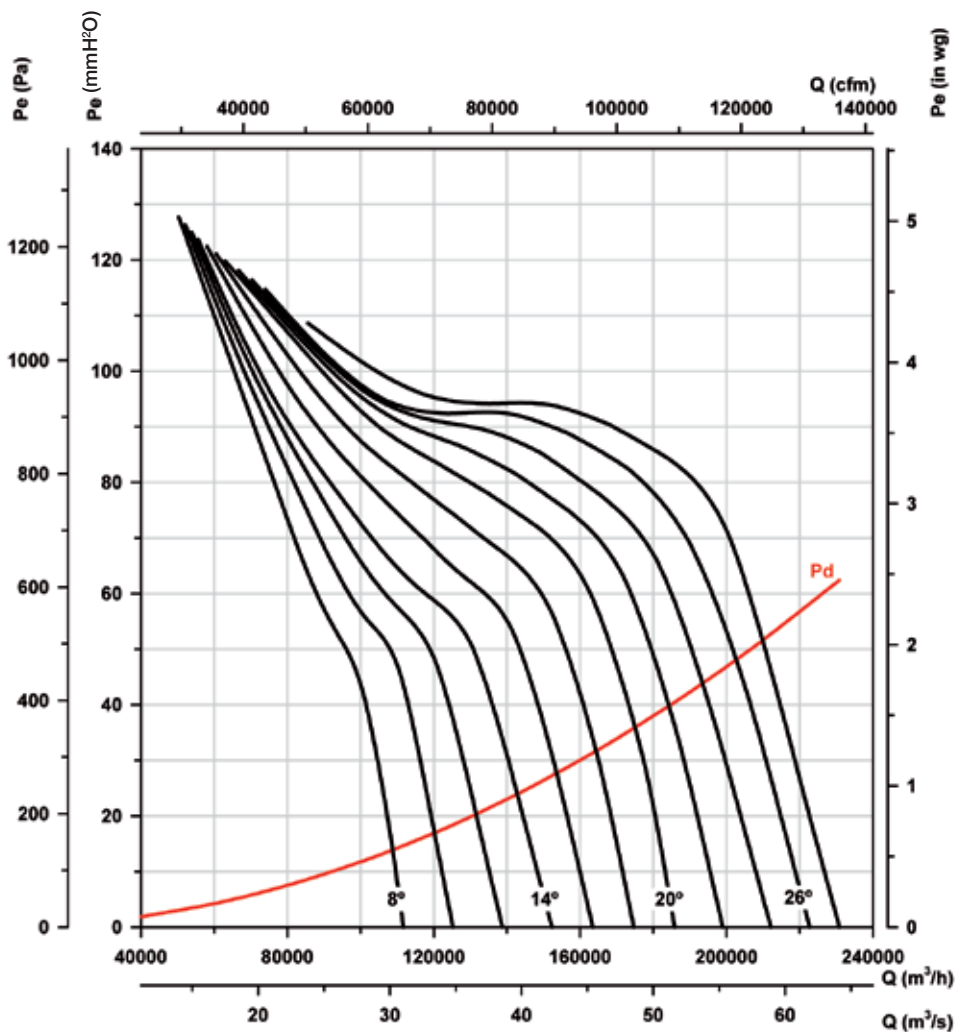
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

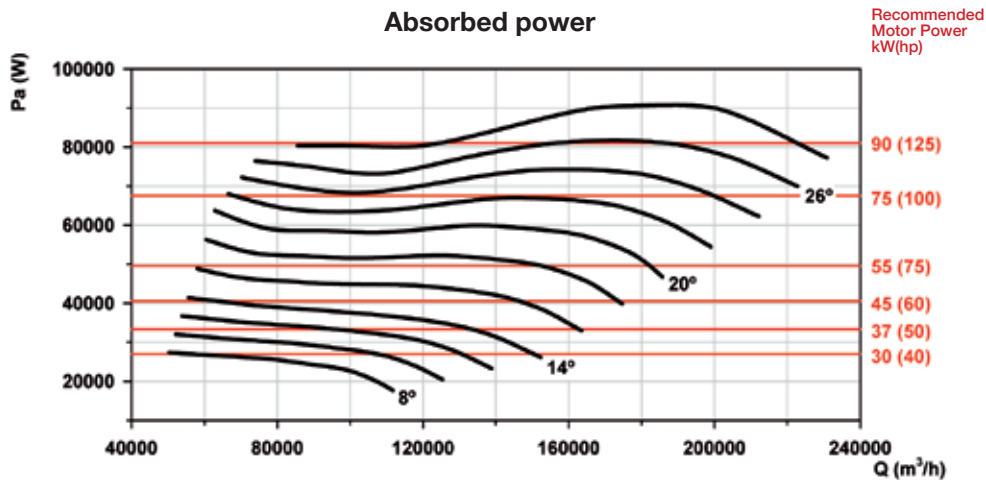
**Rotor diameter (cm): 160**

**Number of poles: 6**

**Number of blades: 9**



**Absorbed power**



**Characteristic curves**

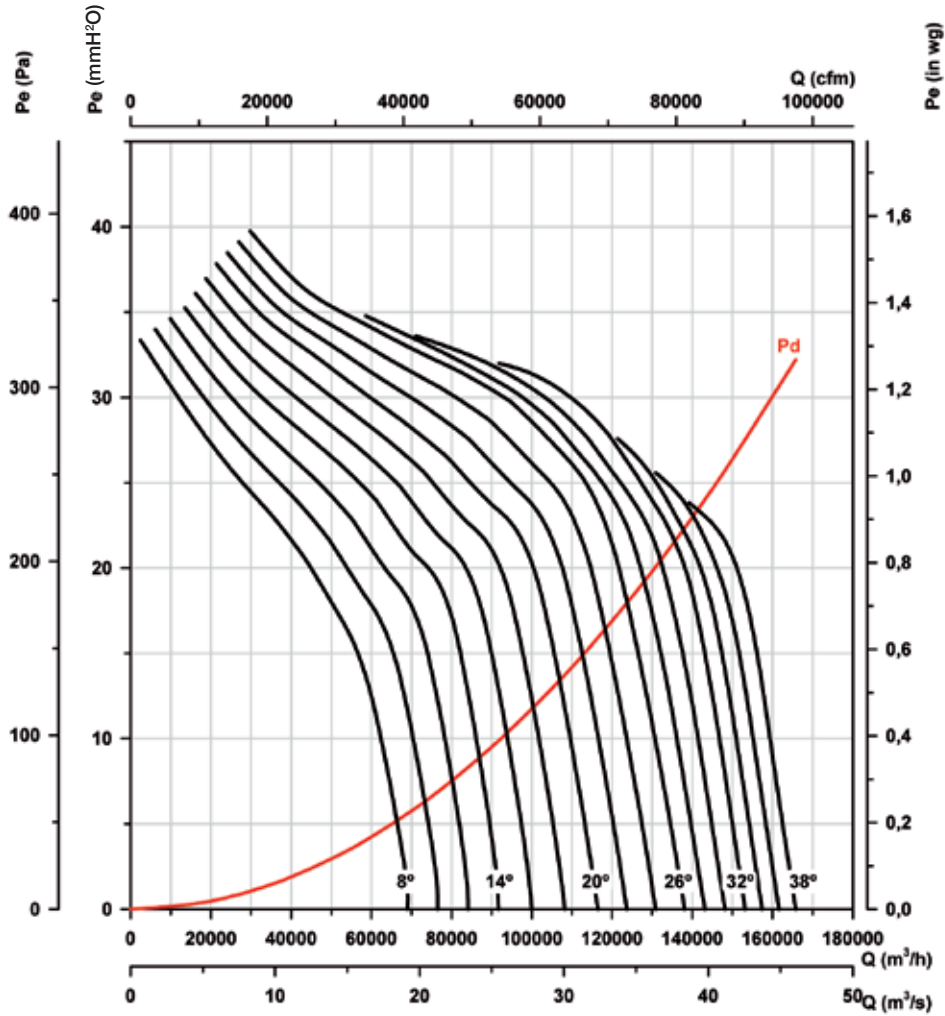
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sup>2</sup>O, Pa and inwg.

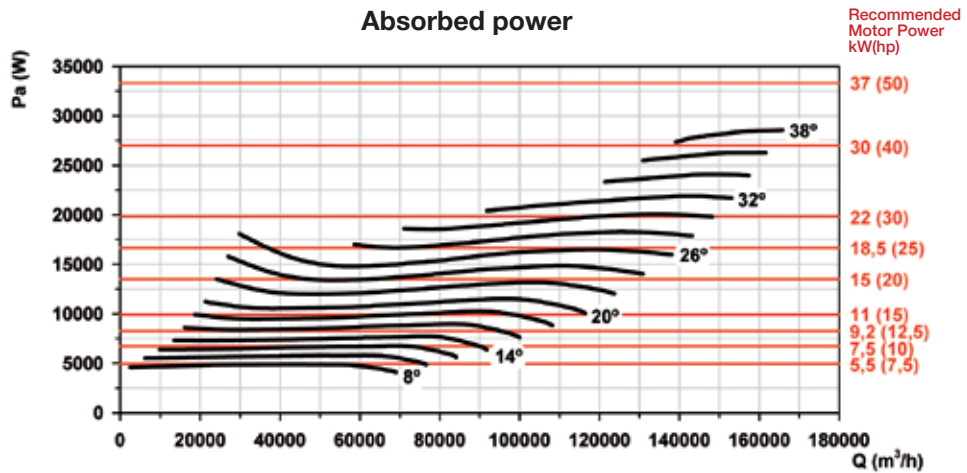
**Rotor diameter (cm): 160**

**Number of poles: 8**

**Number of blades: 3**



**Absorbed power**



**Characteristic curves**

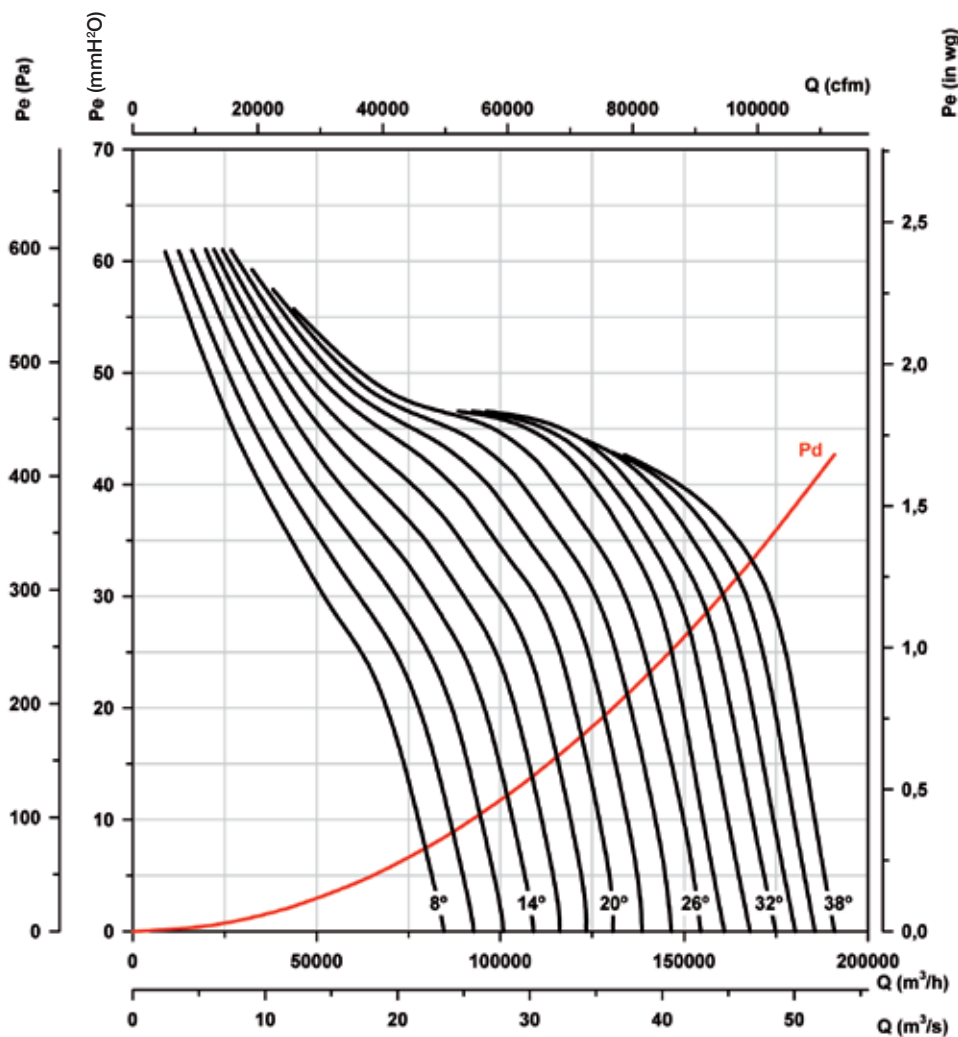
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sup>2</sup>O, Pa and inwg.

**Rotor diameter (cm): 160**

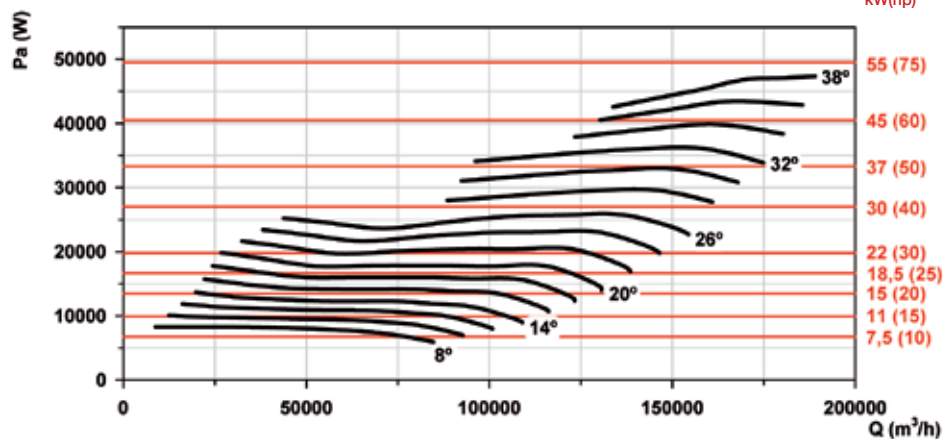
**Number of poles: 8**

**Number of blades: 6**



**Absorbed power**

Recommended Motor Power kW(hp)





**Characteristic curves**

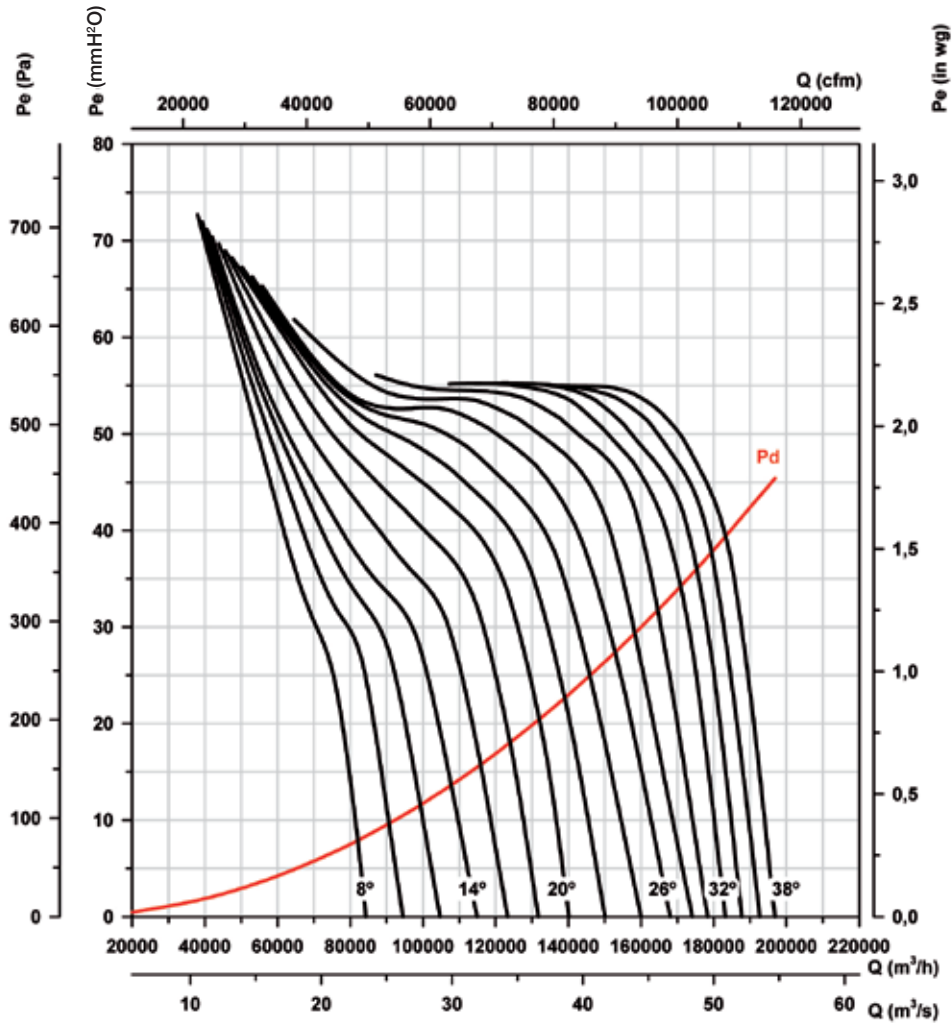
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.

**Rotor diameter (cm): 160**

**Number of poles: 8**

**Number of blades: 9**



**Absorbed power**

