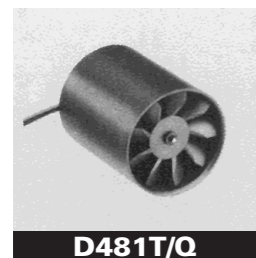




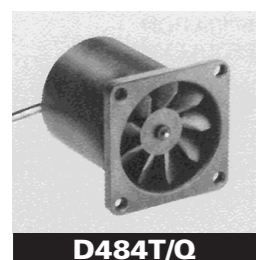
**Axiallüfter**  
**Axial Fans**  
**Ventilateurs Axial**



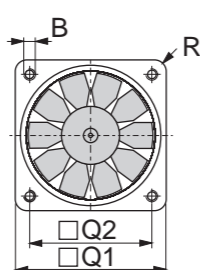
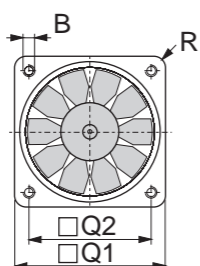
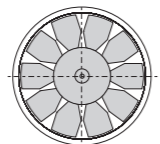
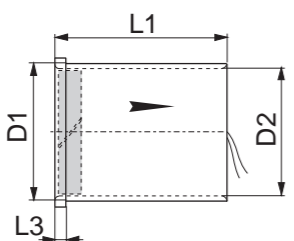
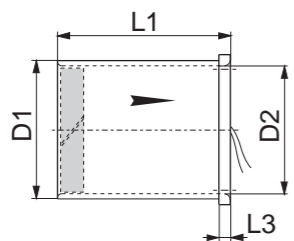
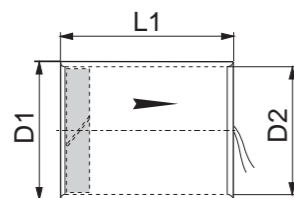
D481T/Q



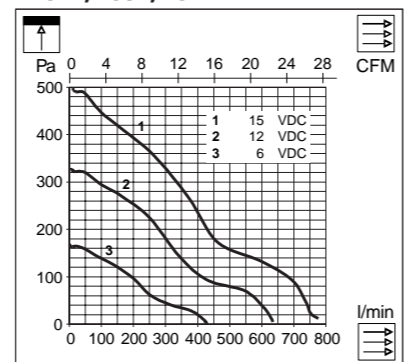
D483T/Q



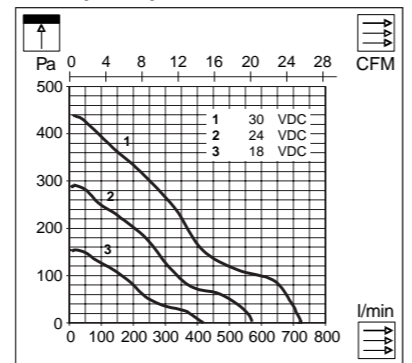
D484T/Q



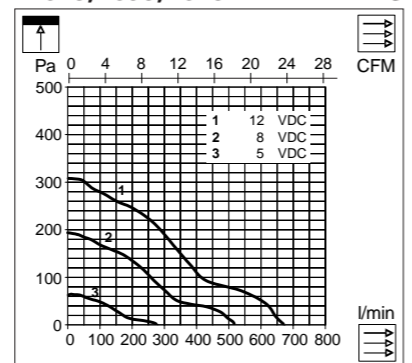
D481T, 483T, 484T 12 VDC



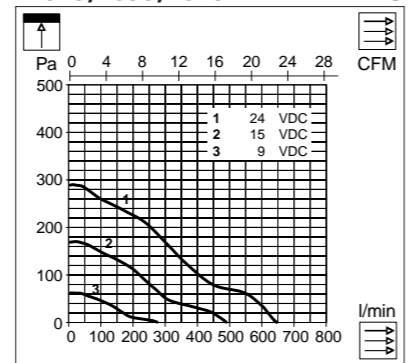
D481T, 483T, 484T 24 VDC



D481Q, 483Q, 484Q 12 VDC



D481Q, 483Q, 484Q 24 VDC



D480

| D480 | mm   | inch  |
|------|------|-------|
| D1   | 48   | 1.900 |
| D2   | 44.4 | 1.748 |
| L1   | 60   | 2.362 |
| L2   |      |       |
| L3   | 4    | 0.157 |
| B    | M3   |       |
| Q1   | 52   | 2.047 |
| Q2   | 42   | 1.653 |
| R    | 4    | 0.157 |

Die D480Q-Baureihe ist mit elektronischem Motor, inklusive Micronel Asic ausgerüstet (3 Litzen)  
 – sehr lange Laufzeit  
 – Spannungsbereich 5-30 VDC  
 – Tachosignal  
 – Strombegrenzung  
 Option: 10 Litzen Ausgang mit weiteren Funktionen

The serie D480Q is equipped with an electronic motor, including Micronel Asic (3 leads)  
 – Long life  
 – voltage range 5-30 VDC  
 – tacho signal (speed indicator)  
 – current limitation  
 Option: 10 leads-version with further functions

La série D480Q est équipée d'un moteur électronique, Asic Micronel inclus (3 fils)  
 – Usage longue vie  
 – gamme de tension 5-30 VDC  
 – signal tacho  
 – limite de courant  
 Option: version 10 fils avec fonctions supplémentaires

| Types -1 -3 -4 | D481T/D483T/D484T  |                   | D481Q/D483Q/D484Q     |           |                       |           |
|----------------|--------------------|-------------------|-----------------------|-----------|-----------------------|-----------|
| <b>U</b>       | U <sub>N</sub>     | V                 | <b>12</b>             | <b>24</b> | <b>12</b>             | <b>24</b> |
| <b>U</b>       | U                  | V                 | 9...15                | 18...30   | 5...15                | 9...30    |
| <b>I</b>       | I <sub>N</sub>     | mA                | 295                   | 119       | 456                   | 220       |
| <b>I</b>       | I <sub>max</sub>   | mA                | 354                   | 143       | 570                   | 275       |
| <b>I</b>       | I <sub>block</sub> | A                 | 5.6                   | 4.3       | 2.4                   | 1.5       |
| <b>P</b>       | P <sub>N</sub>     | W                 | 3.5                   | 2.9       | 5.5                   | 5.3       |
| <b>rpm</b>     | n                  | min <sup>-1</sup> | 11520                 | 10660     | 11450                 | 11050     |
| <b>→</b>       | $\dot{V}$          | l/min; CFM        | 634/22.38             | 570/20.12 | 626/22.08             | 644/22.72 |
| <b>↑</b>       | p                  | Pa                | 325                   | 285       | 308                   | 290       |
| <b>↻</b>       | LpA                | dB(A)             | 53                    | 51        | 53                    | 52        |
| <b>MTTF</b>    | MTTF               | hr                | 12000                 |           | <b>++plus</b> 40000   |           |
| <b>🌡</b>       | T                  | °C/F              | -20...+65 / -5...+150 |           | -20...+65 / -5...+150 |           |
| <b>📏</b>       | m                  | g/oz.             | 164/5.78              |           | 148/5.22              |           |
| <b>📏</b>       | L/M                | mm/inch           | 220/8.66              |           | 220/8.66              |           |
| <b>🔧</b>       | PPO                | UL-94V-1          | -                     |           | -                     |           |
| <b>🔧</b>       | Aluminium          |                   | o.k.                  |           | o.k.                  |           |
| <b>🔧</b>       |                    |                   | -                     |           | -                     |           |
| <b>🔧</b>       |                    |                   | o.k.                  |           | o.k.                  |           |
| <b>🔧</b>       |                    |                   | -                     |           | o.k.                  |           |
| <b>🔧</b>       |                    |                   | o.k.                  |           | o.k.                  |           |
| <b>🔧</b>       |                    |                   | o.k.                  |           | o.k.                  |           |
| <b>Ex</b>      |                    |                   | -                     |           | <b>i</b>              |           |

**Zusätzliche Funktionen bei 10 Litzen Version**

- PWM (variable Drehzahl speed)
- PLL (konstante Drehzahl)
- El. Geräuschdämpfung
- Stop-Funktion
- Richtungswechsel
- NOS

**Additional Functions for 10 Lead Version**

- PWM (variable speed)
- PLL (constant speed)
- Low noise function
- Brake function
- Direction
- NOS

**Funcions supplémentaires de la version au 10 files**

- PWM (vitesse variable)
- PLL (vitesse constant)
- Fonction bruit réduit
- Function stop
- Changer de direction
- NOS

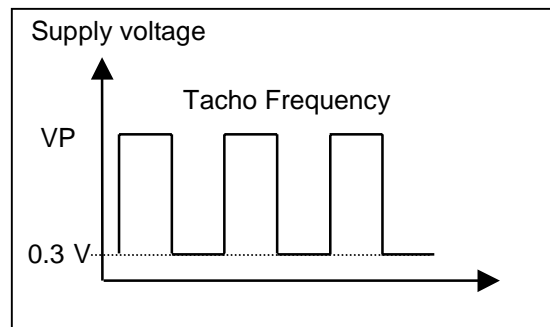
## D-Line 3 Lead Version

### Lead:

VP (+)    red            5 – 35 VDC

GND (-)   black

Tacho    yellow            Open drain output: pull-up resistor (22kΩ) to VP is **integrated**.  
(max. 10mA, no direct connection to GND and +VP)  
 $f_{\text{Tacho}} [\text{Hz}] * 20 = \text{rpm} [1/\text{min}]$  (2 pol. Motor)



### Caution



The connector may only be connected or unplugged in the currentless condition.

**no polarity protection**