



**Axiallüfter  
Axial Fans  
Ventilateurs Axial**



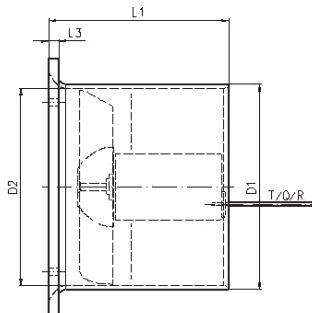
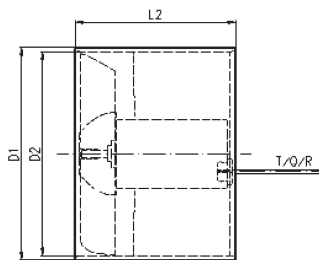
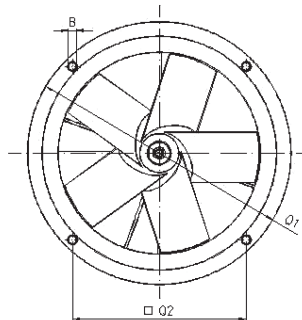
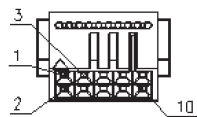
**D803T/Q**



**D801T/Q**

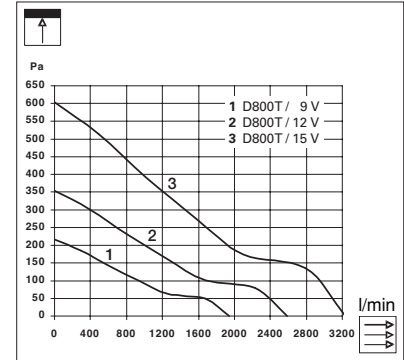


**D804T/Q**

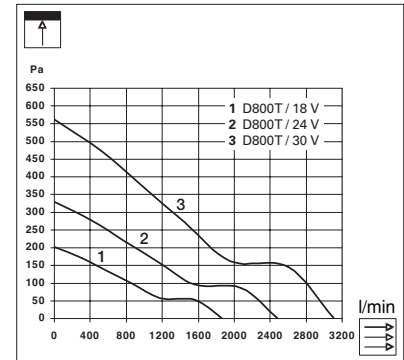


| D800  | mm   | inch  |
|-------|------|-------|
| D1    | 80   | 3.150 |
| D2    | 76.8 | 3.024 |
| L1    | 70   | 2.756 |
| L2    | 60   | 2.362 |
| L3    | 4    | 0.157 |
| B     | M3   |       |
| Q1    | 100  | 3.622 |
| Q2    | 66   | 3.248 |
| T/Q/R | 235  | 9.252 |

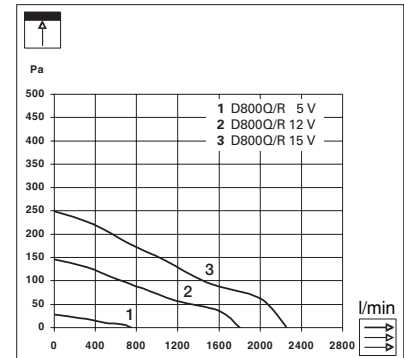
**D801T, D803T, D804T 12 V DC**



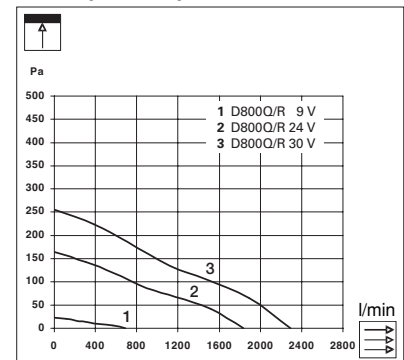
**D801T, D803T, D804T 24 V DC**



**D801Q, D803Q, D804Q 12 V DC**



**D801Q, D803Q, D804Q 24 V DC**



|        |                     |         |          |           |
|--------|---------------------|---------|----------|-----------|
| D80_T- | lead back           | VP      | (red)    |           |
|        | mech. comuluted     | GND     | (black)  |           |
| D80_Q- | lead back (3 leads) | VP      | (red)    |           |
|        | electr. comuluted   | GND     | (black)  |           |
|        | electronic internal | TACHO   | (yellow) |           |
| D80_R- | lead back           | 1 VP    | (red)    | 6 NOS     |
|        | electr. comuluted   | 2 VP    |          | 7 PWM     |
|        | electronic internal | 3 GND   |          | 8 AN. GND |
|        | 10 ribbon cable     | 4 GND   |          | 9 BRAKE   |
|        |                     | 5 TACHO |          | 10 DIR    |

## Technische Daten

## Technical data

## Caractéristiques techniques

Die D800Q-Baureihe ist mit einem bürstenlosen Motor, mit integrierter Elektronik (3 Litzenversion; + Vcc, Gnd, Tachosignal) ausgerüstet

- sehr lange Laufzeit
- Spannungsbereich 5-15 VDC/9-30 VDC
- Tachosignal
- Strombegrenzung

Option: 10 Litzen Ausgang mit weiteren Funktionen

The serie D800Q is equipped with a brushless motor, with integrated electronic (3 leads version; + Vcc, Gnd, tachosignal)















- Long life
- voltage range 5-15 VDC/9-30 VDC
- tacho signal
- current limitation

Option: 10 leads-version with further functions

La série D800Q est équipée d'un moteur "brushless" avec électronique intégrée, (3 fils version; + Vcc, Gnd, tachosignal)

- Usage longue vie
- gamme de tension 5-15 VDC/9-30 VDC
- signal tacho
- limite de courant

Option: version 10 fils avec fonctions supplémentaires

|   |  | D801T / D803T / D804T |           | D801Q / D803Q / D804Q |           |
|---|--|-----------------------|-----------|-----------------------|-----------|
| <b>U</b>  | $U_N$ V                                    | <b>12</b>             | <b>24</b> | <b>12</b>             | <b>24</b> |
|    | U V  | 9...15                | 18...30   | 5...15                | 9...30    |
| <b>I</b>  | $I_{N \text{ freeblowing}}$ mA             | 1'370                 | 540       | 920                   | 490       |
| <b>I</b>  | $I_{N \text{ work point}}$ mA              | 1'340                 | 540       | 910                   | 480       |
| <b>I</b>  | $I_{N \text{ static}}$ mA                  | 1'720                 | 690       | 970                   | 520       |
|    | $I_{\text{block}}$ A                       | 2.5                   | 2.5       | 2.5                   | 2.5       |
| <b>P</b>  | $P_{N \text{ work point}}$ W               | 16.00                 | 12.90     | 10.90                 | 11.40     |
| <b>rpm</b>  | $n_{\text{freeblowing}}$ min <sup>-1</sup> | 8'650                 | 8'360     | 6'150                 | 6'440     |
| <b>rpm</b>  | $n_{\text{work point}}$ min <sup>-1</sup>  | 8'750                 | 8'370     | 6'190                 | 6'480     |
| <b>rpm</b>  | $n_{\text{static}}$ min <sup>-1</sup>      | 7'860                 | 7'650     | 5'140                 | 5'370     |
|  | $\dot{V}_{\text{freeblowing}}$ l/min       | 2'590                 | 2'485     | 1'800                 | 1'830     |
|  | $\dot{V}_{\text{work point}}$ l/min        | 1'260                 | 1'160     | 860                   | 890       |
|  | $p_{\text{work point}}$ Pa                 | 160                   | 160       | 85                    | 85        |
|  | $p_{\text{static}}$ Pa                     | 350                   | 330       | 150                   | 160       |
|  | $L_{pA (WP)}$ dB(A)                        | 68                    | 68        | 61                    | 61        |
| <b>MTTF</b>   | $MTTF_{(WP)}$ hr                           | 10'000                |           | 30'000                |           |
|  | T °C/F                                     | -20...+65 / -5...+150 |           |                       |           |
|  | m gr/oz.                                   | 185 / 6.52            |           |                       |           |
|  | Lead Length mm/inch                        | 220 / 8.66 (AWG24)    |           | 220 / 8.66 (AWG26)    |           |
|  | Housing Material                           | Aluminium             |           |                       |           |
|  | Sleeve Bearing                             | N/A                   |           | N/A                   |           |
|  | Ball Bearing                               | •                     |           | •                     |           |
|  | Tacho Signal                               | N/A                   |           | •                     |           |

Specifications are subject to change without notice. Specifications on this Datasheet are for reference.