



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

**D803T/Q**

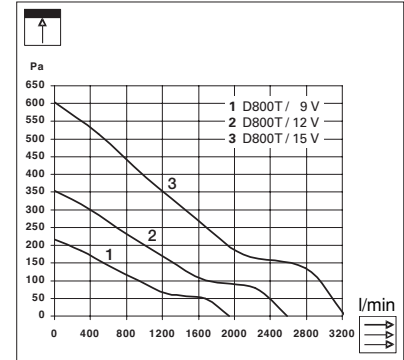
**D801T/Q**

**D804T/Q**

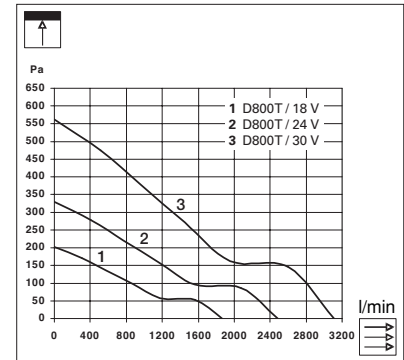
D800	mm	inch
D1	80	3.150
D2	76.8	3.024
L1	70	2.756
L2	60	2.362
L3	4	0.157
B	M3	
Q1	100	3.622
Q2	66	3.248
T/Q/R	235	9.252

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

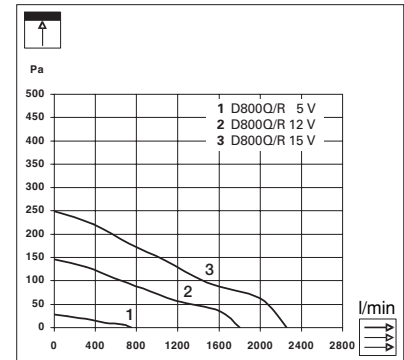
**D801T, D803T, D804T 12 V DC**



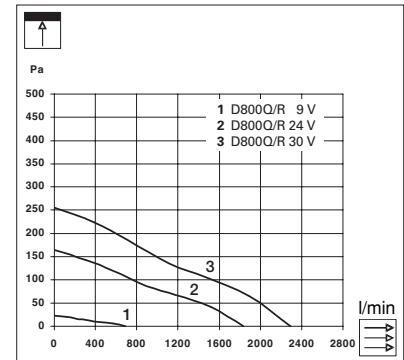
**D801T, D803T, D804T 24 V DC**



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



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



D800

## 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>	$n_{\text{freeblowing}}$ $\text{min}^{-1}$	8'650	8'360	6'150	6'440
<b>rpm</b>	$n_{\text{work point}}$ $\text{min}^{-1}$	8'750	8'370	6'190	6'480
<b>rpm</b>	$n_{\text{static}}$ $\text{min}^{-1}$	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.