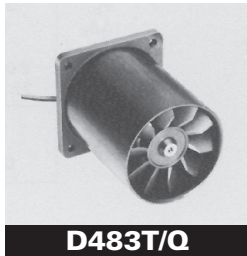
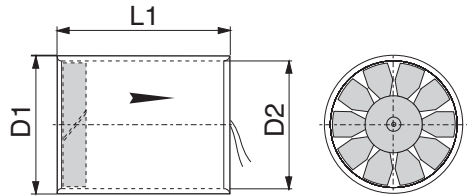




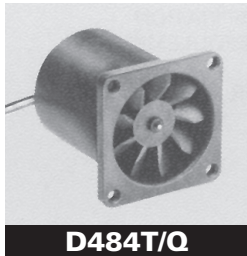
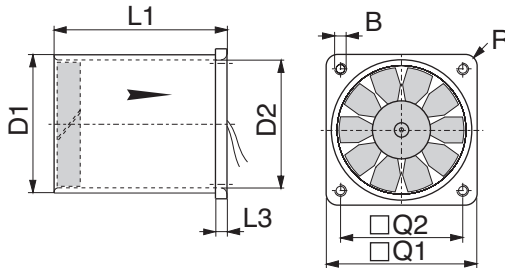
Axiallüfter
Axial Fans
Ventilateurs Axial



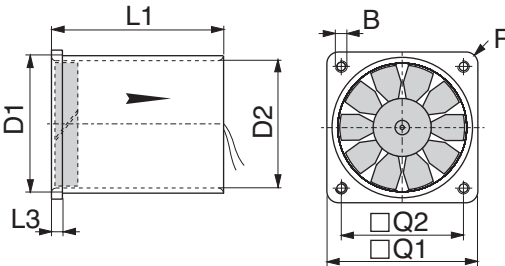
D481T/Q



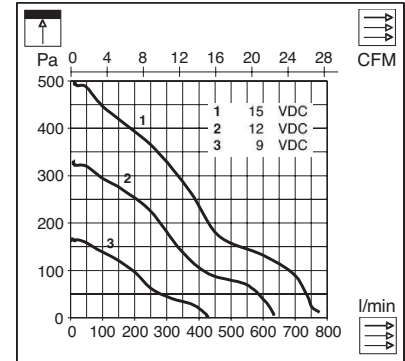
D483T/Q



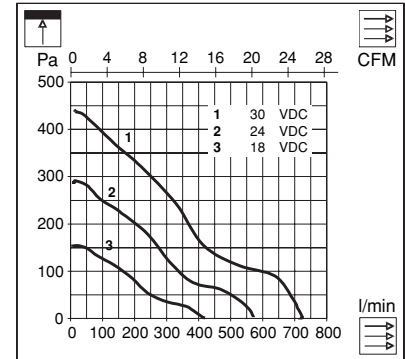
D484T/Q



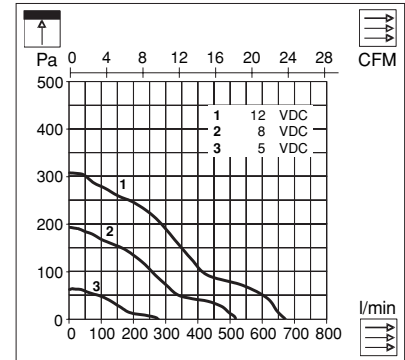
D481T, 483T, 484T 12 VDC



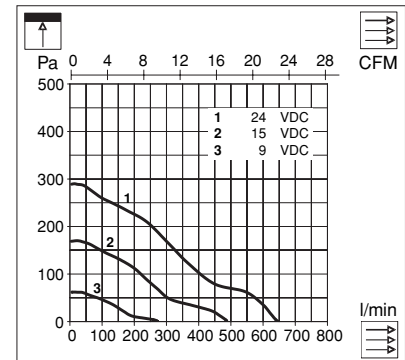
D481T, 483T, 484T 24 VDC



D481Q, 483Q, 484Q 12 VDC



D481Q, 483Q, 484Q 24 VDC



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



Technische Daten

Technical data

Caractéristiques techniques

Die D480Q-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 D480Q 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 D480Q 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

Types			D481T/D483T/D484T		D481Q/D483Q/D484Q	
U	U _N	V	12	24	12	24
	U	V	9...15	18...30	5...15	9...30
I	I _N	mA	295	119	456	220
	I _{max}	mA	354	143	570	275
	I _{block}	A	5.6	4.3	2.4	1.5
P	P _N	W	3.5	2.9	5.5	5.3
	n	min ⁻¹	11'520	10'660	11'450	11'050
	∇	l/min; CFM	634/22.38	570/20.12	626/22.08	644/22.72
	p	Pa	325	285	308	290
	LpA	dB(A)	53	51	53	52
MTTF	MTTF	hr	12'000		40'000	
	T	°C/F	-20...+65 / -5...+150		-20...+65 / -5...+150	
	m	g/oz.	164/5.78		148/5.22	
	Lead Length	mm/inch	220/8.66 (AWG 24)		220/8.66 (AWG 26)	
	Housing Material		Aluminium		Aluminium	
	Sleeve Bearing		-		-	
	Ball Bearing		•		•	
	Brushless Motor		-		•	
	Flat Finger Guard		•		•	
	Circular Finger Guard		•		•	
	Explosion Protection		-		i	

Zusätzliche Funktionen 10 Litzen Version (R-Version)

- Analog Ausgang (variable Drehzahl)
- PLL (konstante Drehzahl)
- Stop-Funktion
- Richtungswechsel
- NOS
- Tachosignal

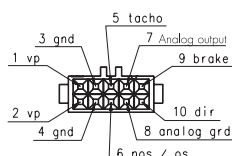
Additional Functions 10 Lead Version (R-Version)

- Analog output (variable speed)
- PLL (constant speed)
- Brake function
- Direction
- NOS
- Tacho signal

Fonctions supplémentaires version à 10 fils (R-version)

- PWM (vitesse variable)
- PLL (vitesse constant)
- Function stop
- Changer de direction
- NOS
- Signal tacho

Connector
for 10 lead version



Typ: Tyco V23535-3280-101

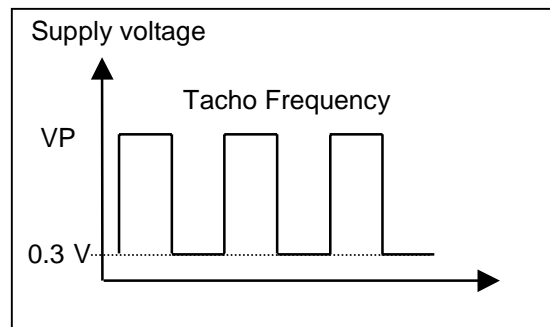
D-Line 3 Lead Version

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