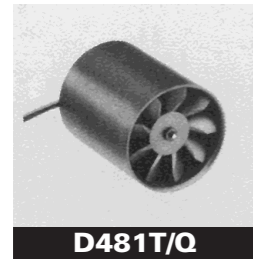
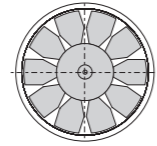
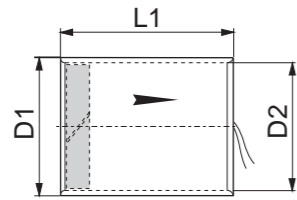




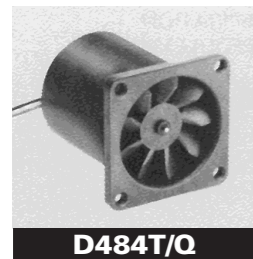
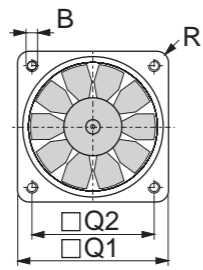
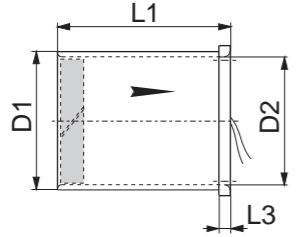
**Axiallüfter**  
**Axial Fans**  
**Ventilateurs Axial**



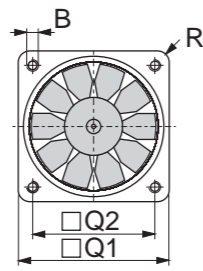
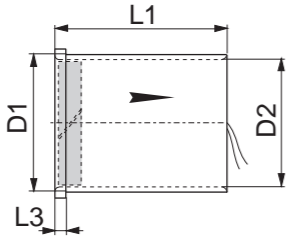
D481T/Q



D483T/Q

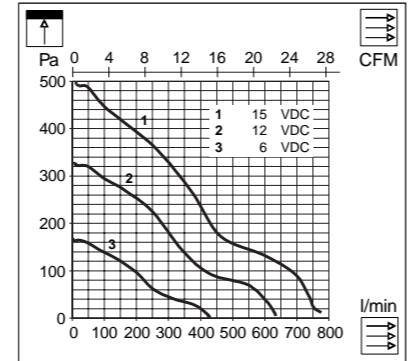


D484T/Q

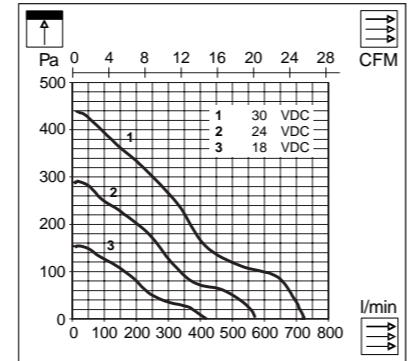


D480	mm	inch
D1	48	1.900
D2	44.4	1.748
L1	60	2.362
L2		
L3	4	0.157
B	M3	
Q1	52	2.047
Q2	42	1.653
R	4	0.157

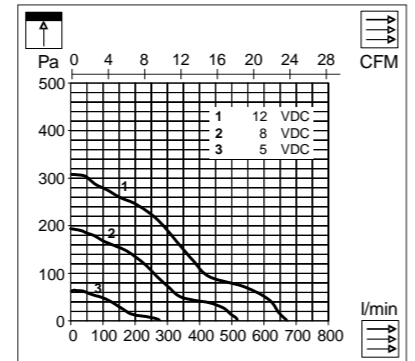
D481T, 483T, 484T 12 VDC



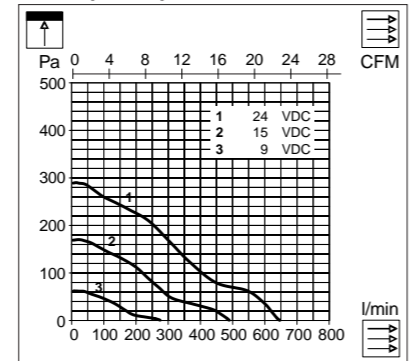
D481T, 483T, 484T 24 VDC



D481Q, 483Q, 484Q 12 VDC



D481Q, 483Q, 484Q 24 VDC



D480

Z 5948 - 201 A4 D480 03992000 0601/2000

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 motor 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		
	12	24	12	24	
U <sub>N</sub>	V	9...15	18...30	5...15	9...30
U	V				
I <sub>N</sub>	mA	295	119	456	220
I <sub>max</sub>	mA	354	143	570	275
I <sub>block</sub>	A	5.6	4.3	2.4	1.5
P <sub>N</sub>	W	3.5	2.9	5.5	5.3
n	min <sup>-1</sup>	11520	10660	11450	11050
ṽ	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	hr	12000		<b>++plus</b> 40000	
T	°C/F	-20...+65 / -5...+150		-20...+65 / -5...+150	
m	g/oz.	164/5.78		148/5.22	
L/M	mm/inch	220/8.66		220/8.66	
PPO	UL-94V-1	-		-	
Aluminium		o.k.		o.k.	
		-		-	
		o.k.		o.k.	
CLL		-		-	
		-		o.k.	
		o.k.		o.k.	
		o.k.		o.k.	
Ex		-		<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

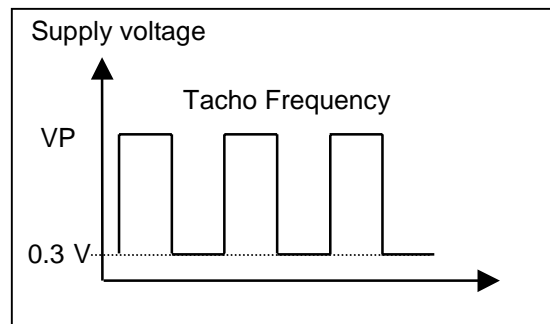
## D-Line 3 Lead Version

### 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**