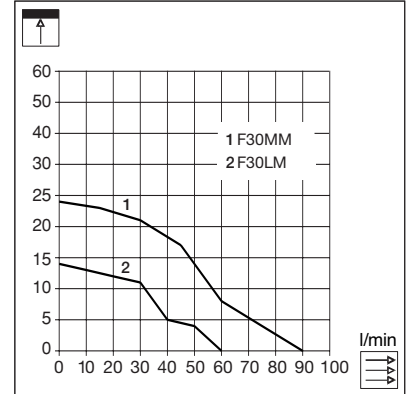


Flachl fter
Ultra Slim Fans
Ventilateurs Ultra Plats

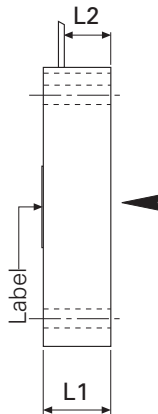
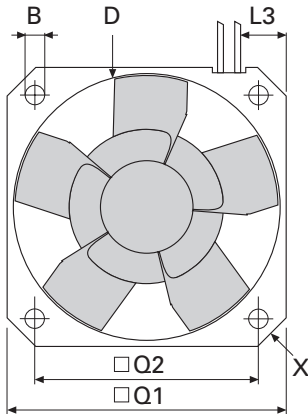
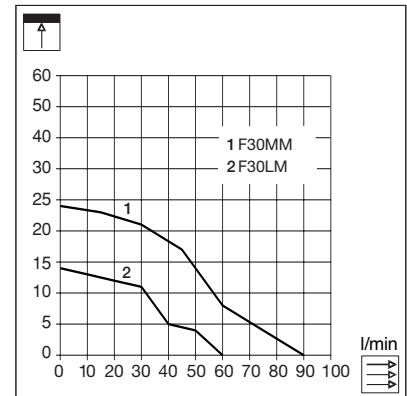
Long life / low noise



F30 LM 5 V DC



F30 MM 12 V DC



F30LM/MM	mm	inch
B \varnothing	3.2	0.13
D \varnothing	28.6	1.12
L1	10 \pm 0.2	0.39
L2	8	0.31
L3	9	0.35
Q1 \square	30 \pm 0.5	1.19
Q2 \square	24 \pm 0.5	0.95
X	2x45 $^\circ$	0.08x45 $^\circ$

F30

Z:5088-210 A4 F30 0206/1000

Technische Daten

Technical data

Caractéristiques techniques

Tacho-Signal





















Das Tacho-Signal dient zur Drehzahlerfassung des Lüfters. Mit einer Regelelektronik kann die Drehzahl variiert und geregelt werden. Beispiel: Temperaturabhängige Steuerung der Luftleistung.

Tacho Signal

With this signal, the actual speed (rpm) can be measured. Using an external control, the speed can be adjusted, for example: the speed/air volume supply controlled by temperature requirement.

Signal-Tacho

Le Signal-Tacho sert à reconnaître le nombre de tours du ventilateur. Avec une électronique de régulation, on peut varier et régler le nombre de tours. Exemple: commande du débit d'air en fonction de la température.

		F30 LM / F30 MM		F30 LM / F30 MM	
		5		12	
 U	U _N V				
 U	U V	4.5 – 5.7		10.2 – 13.8	
 I	I _N mA	50	70	25	40
 I	I _{max} mA	80	100	60	70
 O	I _{block} A	110	140	80	100
 P	P _N W	0.3	0.4	0.5	0.6
 rpm	n min ⁻¹	5'500	7'000	5'500	7'000
 V	ṡ l/min	60	90	60	90
 p	Pa	14	23	14	23
 LpA	dB(A)	13	17	13	17
 MTTF	MTTF hr	30'000		30'000	
 T	°C	-10 / +60		- 10 / +60	
 m	gr/oz.	8 / 0.28		8 / 0.28	
 Lead Length	mm/inch	130-170 (AWG 28)		130-170 (AWG 28)	
 Housing Material		ABS-PBT		ABS-PBT	
 Sleeve Bearing		•		•	
 1 Sleeve - 1 Ball Bearing		optional		optional	
 Tacho Signal		optional		optional	
 Flat Finger Guard		–		–	
 Circular Finger Guard		–		–	

Standards

- CE-Zulassung
- Motorwicklung nach Isolationsklasse E
- Schutz bei blockiertem Rotor
- Isolationswiderstand min. 10 MΩ bei 500 VDC
- Kriechstromfestigkeit max. 1 mA bei 600 VAC
- Standard Luftdichte μ=1,2 kg/m³

Standards

- CE Conformity
- Coils to insulation class E
- Locked rotor protection
- Insulation resistance min. 10 MΩ at 500 VDC
- Dielectric strength max. 1 mA bei 600 VAC
- Standard air density μ=1,2 kg/m³

Standards

- Certificat CE
- Bobinage selon la classe d'isolation E
- Protection en cas de blocage du rotor
- Résistance d'isolement min. 10 M à sous 500 VDC
- Résistance au courant de fuite: max. 1 mA sous 600 VAC
- Standard air densité μ=1,2 kg/m³

Umrechnung von Masseinheiten
Conversion of Measuring units
Conversion des unités de mesure

1 mbar = 10.197 mm H₂O = 100 Pa
1 Pa = 10⁻² mbar = 0.10197 mm H₂O
1 hPa = 1 mbar; 1 mm H₂O = 0.04 inch H₂O
1 l/min = 0.0353 CFM; 1 CFM = 28.3 l/min