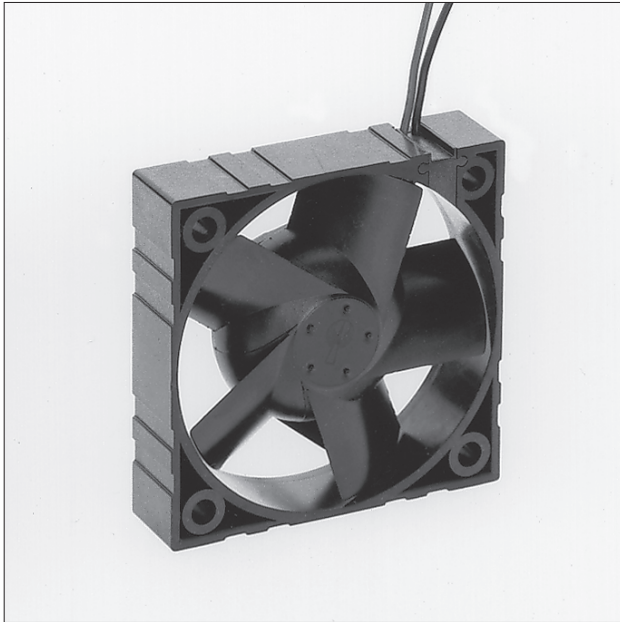


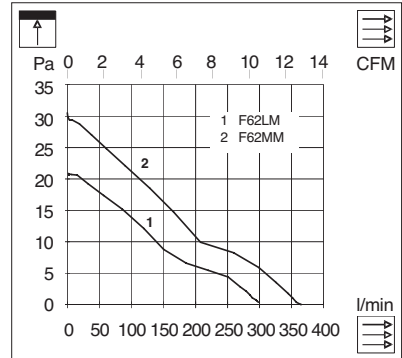
Flachl fter
Ultra Slim Fans
Ventilateurs Ultra Plats

Long life / low noise

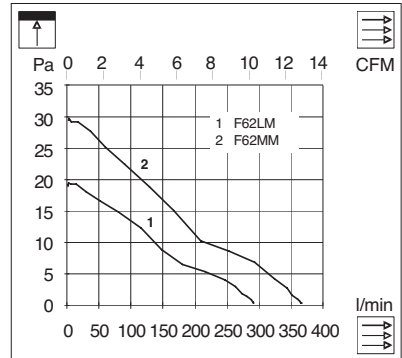


F62 LM/MM

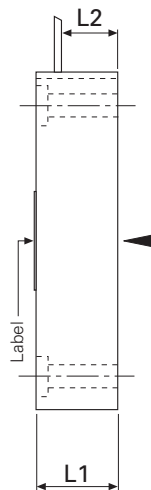
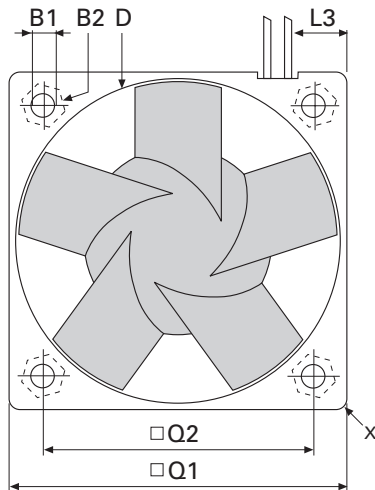
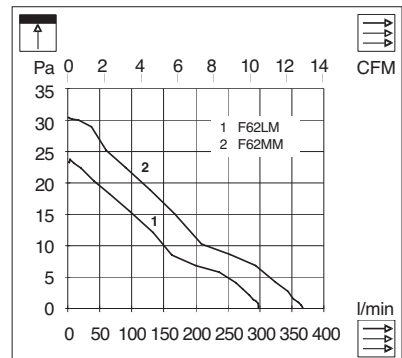
5 V DC



12 V DC



24 V DC



F62	mm	inch
B1 \varnothing	4.3	0.170
B2 \square	5.5 x 2	0.216
D \varnothing	59.4	2.340
L1	15 ^{+0.2} _{0.0}	0.590
L2	9	0.354
L3	12	0.472
Q1 \square	62 \pm 0.2	2.440
Q2 \square	50 \pm 0.1	1.968
X	0.5 x 45 $^\circ$	0.020

Technische Daten

Technical data

Caractéristiques techniques

Tacho-Signal

Das Tacho-Signal dient zur Drehzahl Erfassung 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.

		F62 LM / F62 MM		F62 LM / F62 MM		F62 LM / F62 MM	
		5		12		24	
U	U _N V						
	U V	4.5-5.5	3.5-5.5	10.8-13.8	8.4-13.8	15.6-27.6	15.6-27.6
I	I _N mA	75	168	42	70	31	41
	I _{max} mA	83	185	48	78	34	45
	I _{block} mA	155	308	68	130	52	62
P	P _N W	0.37	0.84	0.5	0.74	0.74	0.98
	n min ⁻¹	2800	3450	2800	3450	2900	3450
	ṽ l/min	290	360	290	360	300	360
	p Pa	21	29	21	29	23	29
	LpA dB(A)	22	28	20	27	20	27
MTTF	MTTF hr	50000 / 60°C					
	T °C/°F	-20 ... +85 / -4 ... +167 (-40/-40)					
	m gr/oz.	40 / 1.6					
	Lead Length mm/inch	310 / 12.204 (AWG 24)					
	Housing Material	PC UL-94V-1		PC UL-94V-1		PC UL-94V-1	
	Sleeve Bearing	●		●		●	
	Ball Bearing	optional		optional		optional	
	Tacho Signal	optional		optional		optional	
	Flat Finger Guard	optional		optional		optional	
	Circular Finger Guard	optional		optional		optional	
	Quick Mount	optional		optional		optional	

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 si moteur bloqué
- Résistance d'isolement min. 10 MΩ à 500 VDC
- Tenue au courant de fuite: max. 1 mA à 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