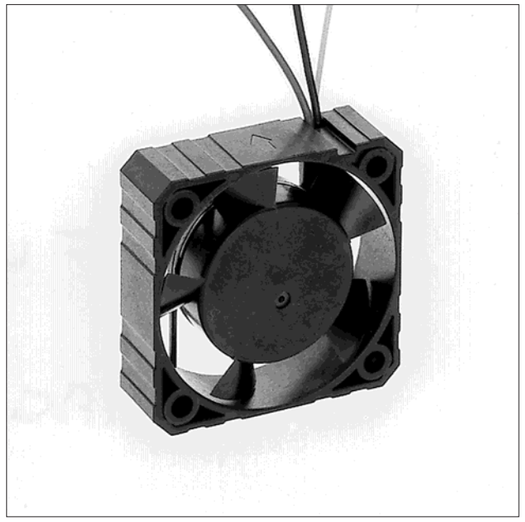
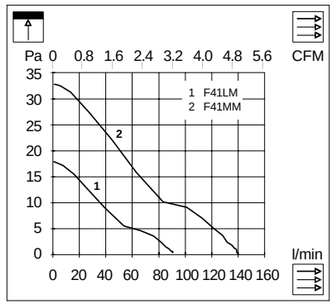
SN EN ISO 9001 CERTIFICATED

Flachlüfter
Ultra Slim Fans
Ventilateurs Ultra Plats

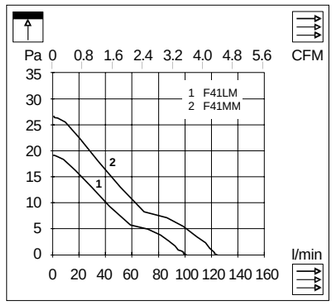
Long life / low noise



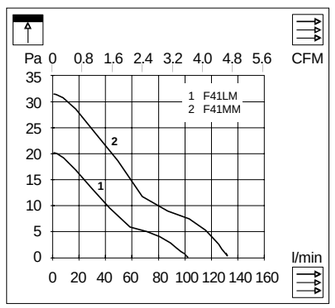
F41LM/MM **5 V DC**

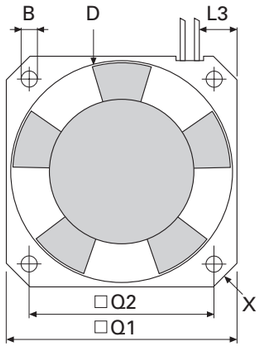


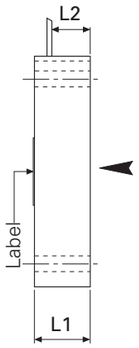
12 V DC



24 V DC







F41	mm	inch
B1 ø	3.5	0.138
D ø	39	1.535
L1	$12^{+0.5}_{0.0}$	0.472
L2	9	0.354
L3	$8^{+0.3}_{0.0}$	0.315
Q1 □	41	1.614
Q2 □	$32^{\pm 0.1}$	1.260
X	3 x 45°	0.118

F41

Z 5068 – 206 A4 F41 1100 / 1000

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Technische Daten Technical data Caractéristiques techniques

Non-operating Signal (NOS):
Dieses Signal dient zur Funktionsüberwachung des Lüfters. Bei einer Betriebsstörung ändert sich der Signalpegel von Low auf High. Die Auswertung kann optisch, akustisch oder elektronisch erfolgen.

Non-operating signal (NOS)
This signal is used for the operational control of the fan. On failure the signal level switches from "low" to "high". The signal can be used for optical, acoustical, or electronic alarm.

Signal de défaut (NOS)
Ce signal sert à la surveillance des fonctions du ventilateur. En cas de dérangement du fonctionnement, le signal passe de low à high.

Flachlüfter-Programm
25 x 25 mm-80 x 80 mm

Slim Fan Program
25 x 25 mm-80 x 80 mm

Programme de ventilateurs plats
25 x 25 mm-80 x 80 mm

		F41 LM / F41 MM		F41 LM / F41 MM		F41 LM / F41 MM	
U_N	V	**5**		**12**		**24**	
U	V	4.25-5.75	4.25-5.75	8.4-13.8	8.4-13.8	16.8-27.6	16.8-27.6
I_N	mA	89	113	42	63	31	36
I_{max}	mA	100	140	60	80	50	55
I_{block}	mA	130	160	60	80	50	55
P_N	W	0.445	0.565	0.504	0.756	0.744	0.864
n	min^{-1}	4100	5400	4200	5000	4300	5400
$\dot{V}$	l/min	95	140	100	125	105	140
p	Pa	18	32	19	26	20	32
LpA	dB(A)	13	20	14	18	15	20
MTTF	hr	40000					
T	°C/°F	-20 ... +75 / -4 ... +167					
m	gr/oz.	20 / 0.8					
M	mm/inch	290 / 11.417 (AWG 26)					
PPO	UL-94V-1	●		●		●	
		●		●		●	
Option		●		●		●	
Option/"NOS"		●		●		●	
Attachment		●		●		●	
Attachment		●		●		●	
Attachment		●		●		●	

Standards
- CE-Zulassung für alle Lüfter
- Motorwicklung nach Isolationsklasse E
- Schutz bei blockiertem Rotor
- Isolationswiderstand min. 10 MΩ bei 500 V DC
- Kriechstromfestigkeit max. 1 mA bei 600 V AC
- μ = 1,2 kg/m³
- Spezialitäten

Standards
- CE Conformity
- Coils to insulation class E
- Locked rotor protection
- Insulation resistance min. 10 MΩ at 500 V DC
- Dielectric strength max. 1 mA bei 600 V AC
- μ = 1,2 kg/m³
- Specialities

Standards
- Certificat CE pour tous les ventilateurs
- Bobinage selon la classe d'isolation E
- Protection en cas de bloquage du rotor
- Résistance d'isolement min. 10 MΩ sous 500 V DC
- Résistance au courant de fuite: max. 1 mA sous 600 V AC
- μ = 1,2 kg/m³
- Spécialités

Bitte nachfragen	Please ask	Demander s.v.p.

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

1 mbar = 10.197 mm H_2O = 100 Pa
1 Pa = 10^{-2} mbar = 0.10197 mm H_2O
1 hPa = 1 mbar; 1 mm H_2O = 0.04 inch H_2O
1 l/min = 0.0353 CFM; 1 CFM = 28.3 l/min

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