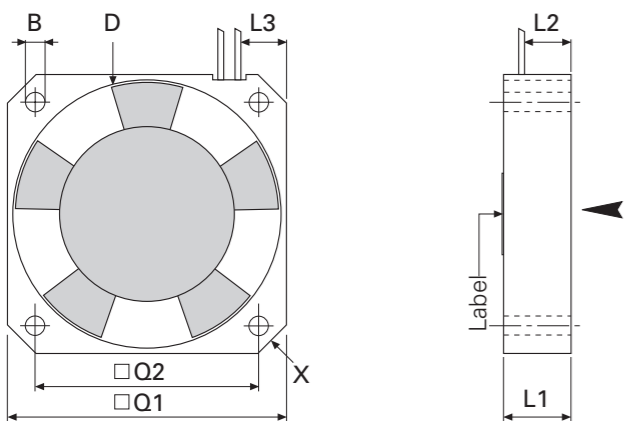
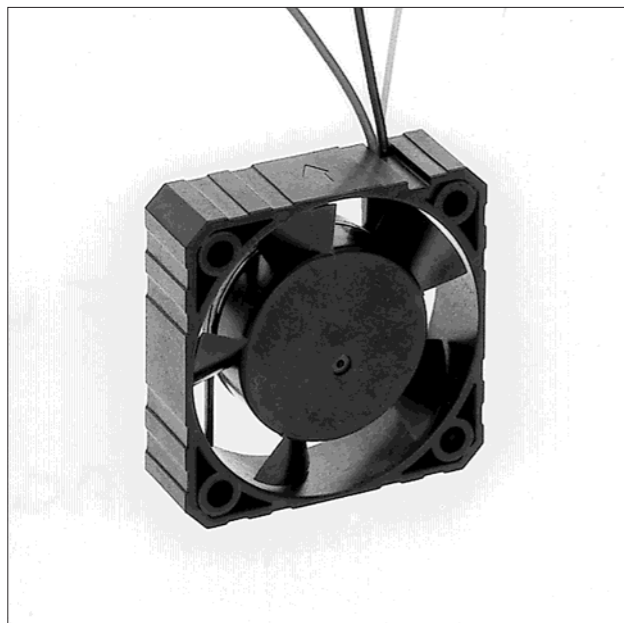


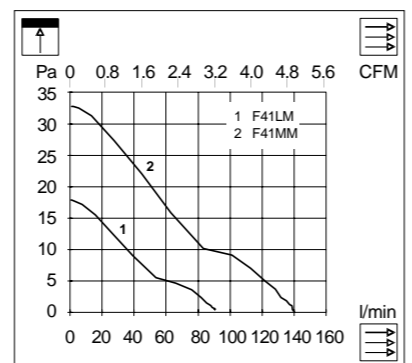


Flachlüfter
Ultra Slim Fans
Ventilateurs Ultra Plats

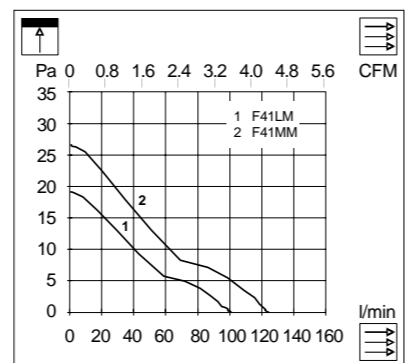
Long life / low noise



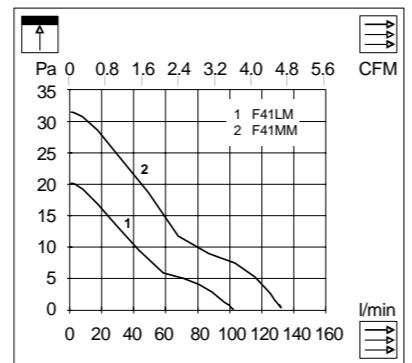
F41LM/MM 5 V DC



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±0.1 | 1.260 |
| X | 3 x 45° | 0.118 |

F41

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 | |
|---------------------|--------------------|-------------------|----|---------------------------|-----------|-----------------|----------|
| | | 5 | 12 | 12 | 12 | 24 | 24 |
| U | U _N | V | | 5 | | 12 | |
| U | U | V | | 4.25-5.75 | 4.25-5.75 | 8.4-13.8 | 8.4-13.8 |
| I | I _N | mA | | 89 | 113 | 42 | 63 |
| I | I _{max} | mA | | 100 | 140 | 60 | 80 |
| I | I _{block} | mA | | 130 | 160 | 60 | 80 |
| P | P _N | W | | 0.445 | 0.565 | 0.504 | 0.756 |
| rpm | n | min ⁻¹ | | 4100 | 5400 | 4200 | 5000 |
| V | ∇ | l/min | | 95 | 140 | 100 | 125 |
| p | p | Pa | | 18 | 32 | 19 | 26 |
| LpA | LpA | dB(A) | | 13 | 20 | 14 | 18 |
| MTTF | MTTF | hr | | 40000 | | | |
| T | T | °C/°F | | -20 ... +75 / -4 ... +167 | | | |
| m | m | gr/oz. | | 20 / 0.8 | | | |
| M | M | mm/inch | | 290 / 11.417 (AWG 26) | | | |
| PPO | PPO | UL-94V-1 | | • | • | • | • |
| Option | Option | • | • | • | • | • | • |
| Option/"NOS" | Option/"NOS" | • | • | • | • | • | • |
| Attachment | Attachment | • | • | • | • | • | • |
| Attachment | 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 blocage 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

| | | |
|---------------------------|------------|-----------------|
| i 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 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