

Series: THERMAL-EXHAUST-UNIT FMBT

with Freewheeling impeller with backward curved blades

FISCHBACH

Luft- und Ventilatorentechnik GmbH

Type: FMBT-40/500/D1

ERP KONFORM



CE -conform

manufacturer:

Fischbach Luft- und Ventilatorentechnik GmbH
Am Hellerberg 22-24

D-57290 Neunkirchen

phone: ++49(0)2735/777-0

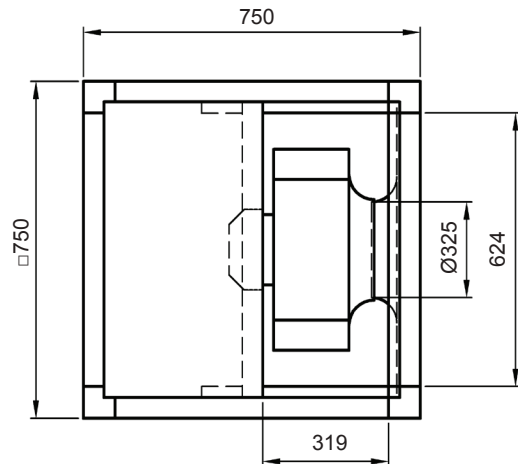
telefax: ++49(0)2735/770-625

internet: www.fischbach-luft.de

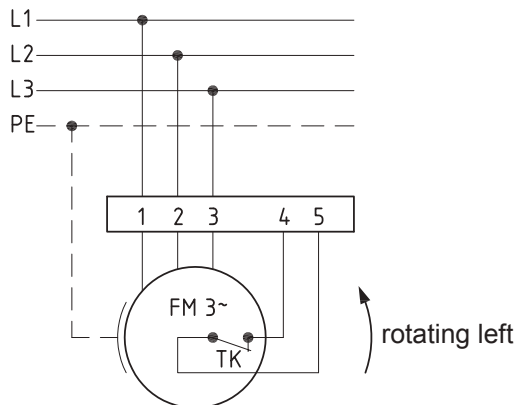
email: info@fischbach-luft.de

Technical Data

| | | |
|-------------------------|-------------------|----|
| weight: | (kg) | 45 |
| material housing: | aluminum/plastic | |
| | steel, galvanized | |
| material impeller: | steel, galvanized | |
| direction of rotation: | left | |
| motor protection class: | IP 65 | |
| insulation class: | F | |
| motor protection: | thermal contact | |



connection plan
0.13-2 I.



the silent one

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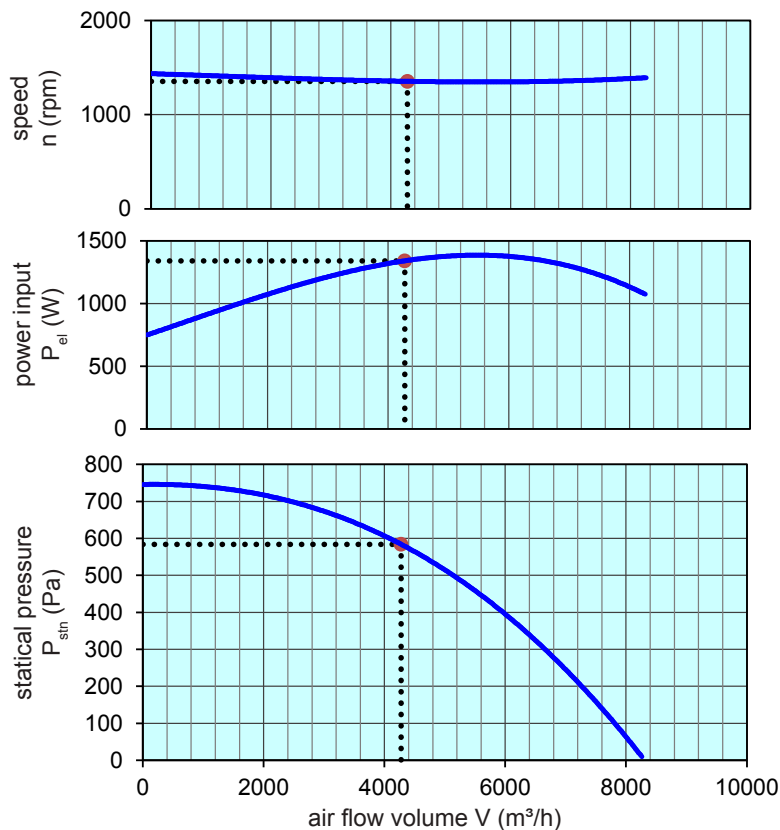
ErP 2013 2015 2018 x

Performance data

| | | |
|---------------------------|--------|----------|
| main voltage: | (V) | 400 (3~) |
| frequency: | (Hz) | 50 |
| current max.: | (A) | 3,3 |
| power input max.: | (kW) | 1,4 |
| air flow volume max.: | (m³/h) | 8261 |
| statical pressure max.: | (Pa) | 740 |
| speed max.: | (rpm) | 1433 |
| max. air flow temperature | (°C) | +80 |
| max. ambient temperature | (°C) | +30 |
| capacitor: | (µF) | - |

ErP-Data:

| | | |
|---|--------|------------|
| total efficiency fan (η_e): | (%) | 52,9 |
| installation category: | | A |
| efficiency category: | | static |
| efficiency grade: N | (%) | 62 |
| target efficiency (η_{target}): | (%) | 52,8 |
| speed controller | | no |
| year of manufacturing | | since 2015 |
| manufacturer: Fischbach Luft- und Ventilatorentechnik GmbH D-57290 Neunkirchen / HRB 5804 Siegen | | |
| order no. (left) | | 18072650 |
| power input: | (kW) | 1,34 |
| air flow volume: | (m³/h) | 4350 |
| statical pressure: | (Pa) | 587 |
| speed: | (rpm) | 1352 |
| specific ratio: | | 1 |
| disassembling/recycling/disposal: see page decommission | | |
| installation/operation/maintenance: see operating and mounting instructions | | |
| measurement for determination of efficiency without additional items | | |



| Voltage Control | type | order-no. |
|--------------------------------------|-------------|--------------|
| FISCHBACH-Speed-Controller, stepless | FDR 55/3 | 6231 |
| FISCHBACH-Speed-Controller, stepwise | FDR 5.5/3 | 6182 |
| FISCHBACH-frequency-converter | FFU3-21-1.5 | 63740 |

Technical documentation according to page: **General information**