# Series: COMPACT-FAN Type D/DS

EC-MOTOR
double inlet
with forward curved blades

**FISCHBACH**
Luft- und Ventilatorentechnik GmbH

# Type: D340/EM10-R
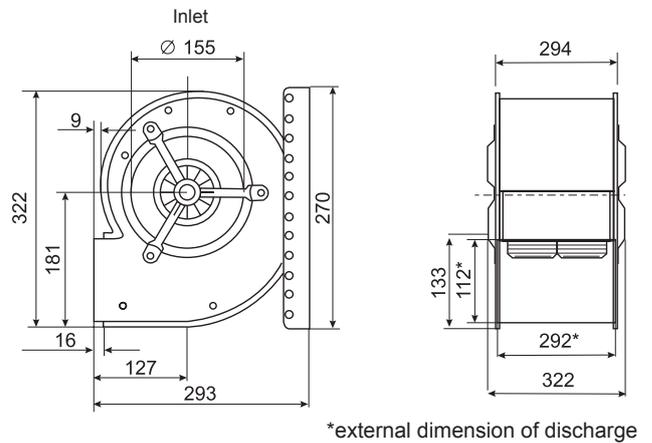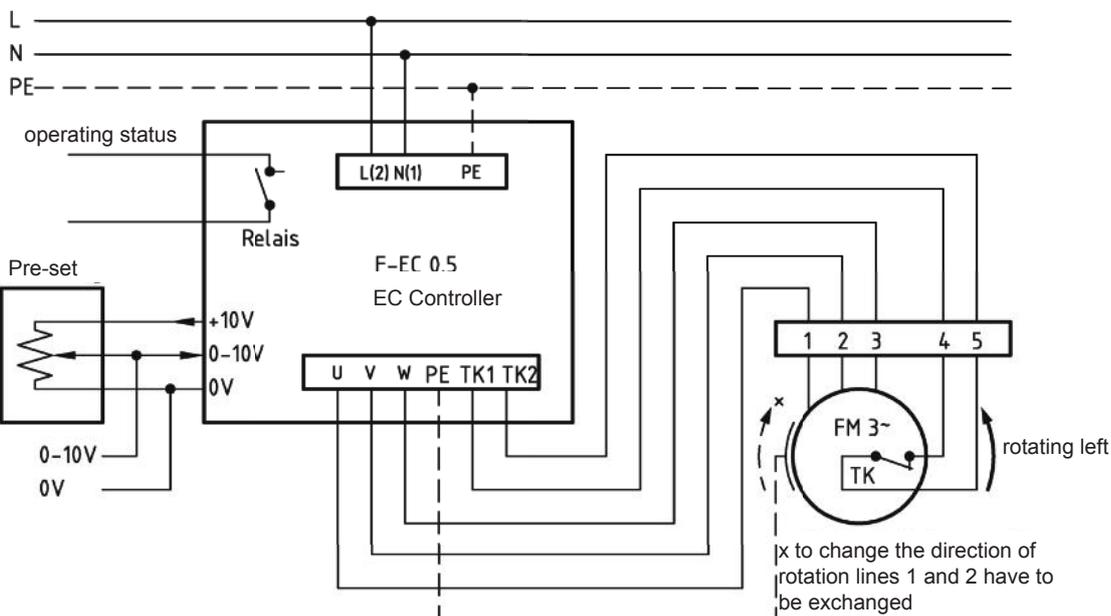
EℓP KONFORM

CE -conform

## Technical Data

| | | |
|---|---|---|
| weight: | (kg) | 11 |
| material housing: | | steel, galvanized |
| material impeller: | | steel, galvanized |
| direction of rotation: | | left |
| protection class: | | IP 65 |
| insulation class: | | F |
| motor protection: | | thermal contact |



Inlet
Ø 155
9
322
181
270
16
127
293

294
133
112*
292*
322

*external dimension of discharge

### connection plan*
### F-EC 0.5



L
N
PE

operating status

Relais

L(2) N(1)    PE

Pre-set

F-EC 0.5
EC Controller

+10V
0-10V
0V

0-10V
0V

U  V  W  PE  TK1 TK2

1  2  3    4  5

FM 3~

TK

rotating left

x to change the direction of
rotation lines 1 and 2 have to
be exchanged

100% controllable

the silent one

* Connection only according to the enclosed technical documentation.

D/DS-EC 1

| Series: | **COMPACT-FAN Type D/DS** | **FISCHBACH** |
| | EC-MOTOR | Luft- und Ventilatorentechnik GmbH |
| | double inlet | |
| | with forward curved blades | |

# Type: **D340/EM10-R**

| Erp | 2013 | 2015 | 2018 **x** |

**Performance data**

**ErP-Data**:

| | | |
|---|---|---|
| total efficiency fan ($\eta_e$): | (%) | 40,4 |
| installation category: | | A |
| efficiency category: | | static |
| efficiency grade: N | (%) | 42 |
| target efficiency ($\eta_{target}$): | (%) | 33,4 |
| speed controller | | yes |
| year of manufacturing | | since 2015 |

| | | |
|---|---|---|
| main voltage: | (V) | 230 (1~) |
| frequency: | (Hz) | 50 |
| current max.: | (A) | 3,5 |
| power input max.: | (kW) | 0,54 |
| air flow volume max.: | (m³/h) | 2455 |
| statical pressure max.: | (Pa) | 465 |
| speed max.: | (rpm) | 1900 |
| supply air temperature: | (°C) | -25... +60 |
| capacitor: | (µF) | - |

manufacturer: Fischbach Luft- und Ventilatorentechnik GmbH
D-57290 Neunkirchen / HRB 5804 Siegen

| | | |
|---|---|---|
| order no. | | 18111820 |
| power input: | (kW) | 0,25 |
| air flow volume: | (m³/h) | 982 |
| statical pressure: | (Pa) | 328 |
| speed: | (rpm) | 1795 |
| specific ratio: | | 1 |

disassemling/recycling/disposal: see page decommission
installation/operation/maintenance: see operating and mounting instructions
measurement for determination of efficiency without additional items
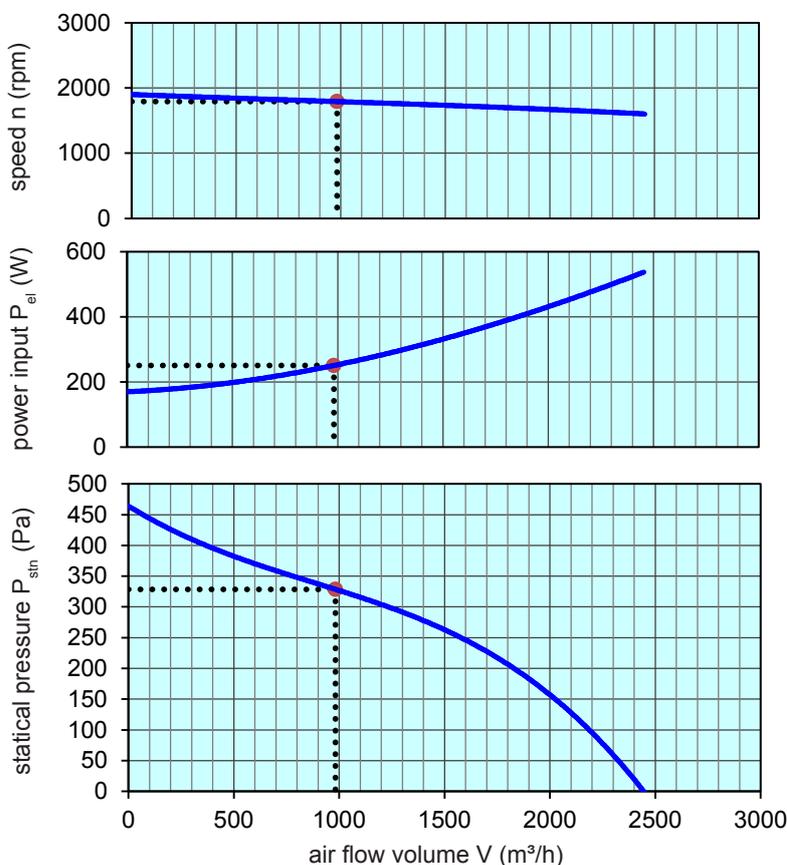


| control with | type | **order-Nr.** |
|---|---|---|
| FISCHBACH-EC-controller | F-EC 0.5 | **63003** |
| FISCHBACH-Pre-set 0-10V (optional accessories) | FS 10 | **69460** |
| Technical documentation according to page: **General information** | | |

D/DS-EC 2