

**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

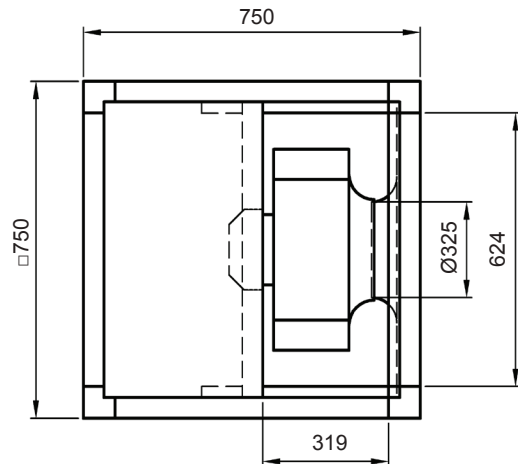
telefax: ++49(0)2735/770-625

internet: www.fischbach-luft.de

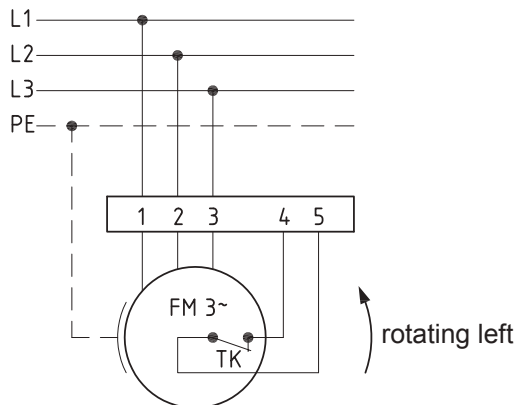
email: info@fischbach-luft.de

**Technical Data**

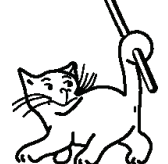
weight:	(kg)	45
material housing:	aluminum/plastic	
	steel, galvanized	
material impeller:	steel, galvanized	
direction of rotation:	left	
motor protection class:	IP 65	
insulation class:	F	
motor protection:	thermal contact	



**connection plan**  
0.13-2 I.



**100%**  
controllable



the silent one

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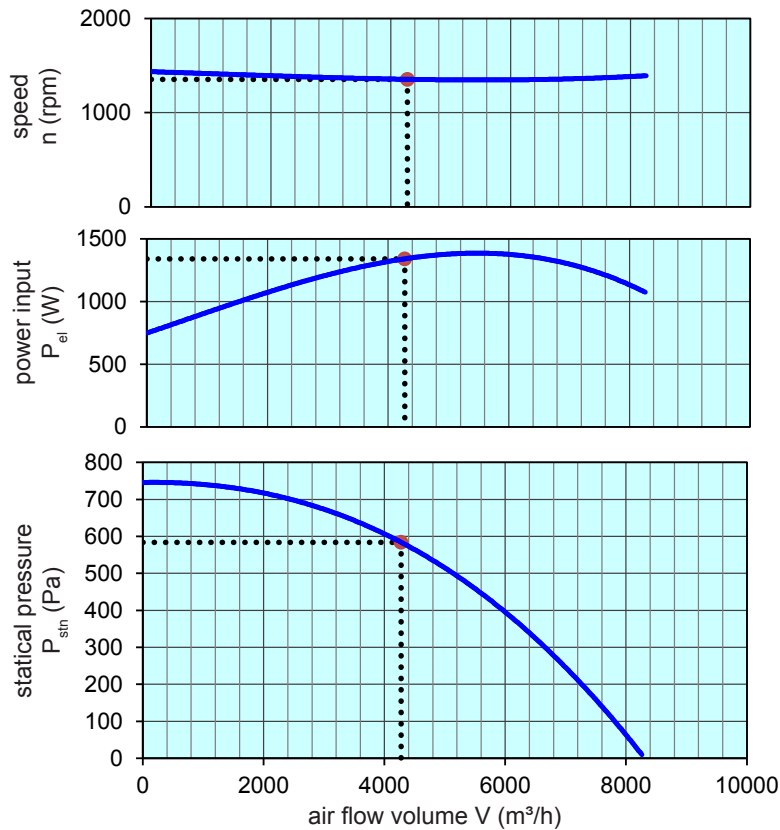
ErP 2013 2015 2018 x

**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 ( $\eta_e$ ):	(%)	52,9
installation category:		A
efficiency category:		static
efficiency grade: N	(%)	62
target efficiency ( $\eta_{target}$ ):	(%)	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	<b>6231</b>
FISCHBACH-Speed-Controller, stepwise	FDR 5.5/3	<b>6182</b>
FISCHBACH-frequency-converter	FFU3-21-1.5	<b>63740</b>

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