

Series: THERMAL-EXHAUST-UNIT FMBT

with Freewheeling impeller with backward curved blades

FISCHBACH

Luft- und Ventilatorentechnik GmbH

Type: FMBT-40/450/E80 ERP KONFORM



manufacturer:

Fischbach Luft- und Ventilatorentechnik GmbH
Am Hellerberg 22-24

D-57290 Neunkirchen

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

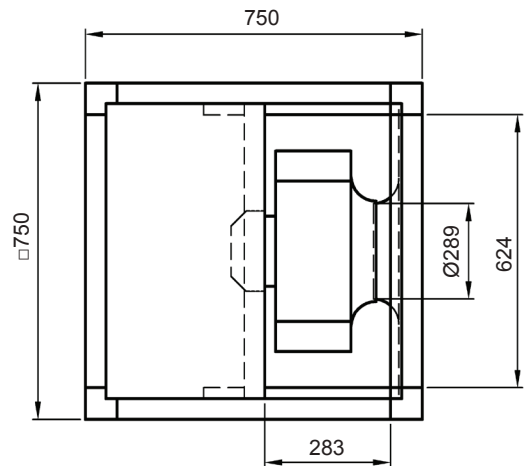
telefax: ++49(0)2735/770-625

internet: www.fischbach-luft.de

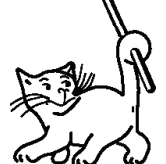
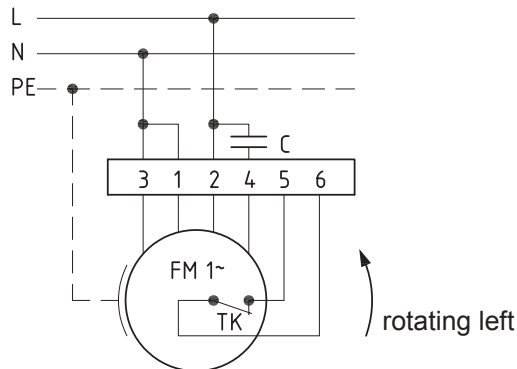
email: info@fischbach-luft.de

Technical Data

weight:	(kg)	37
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
0.11-1 I.**



the silent one

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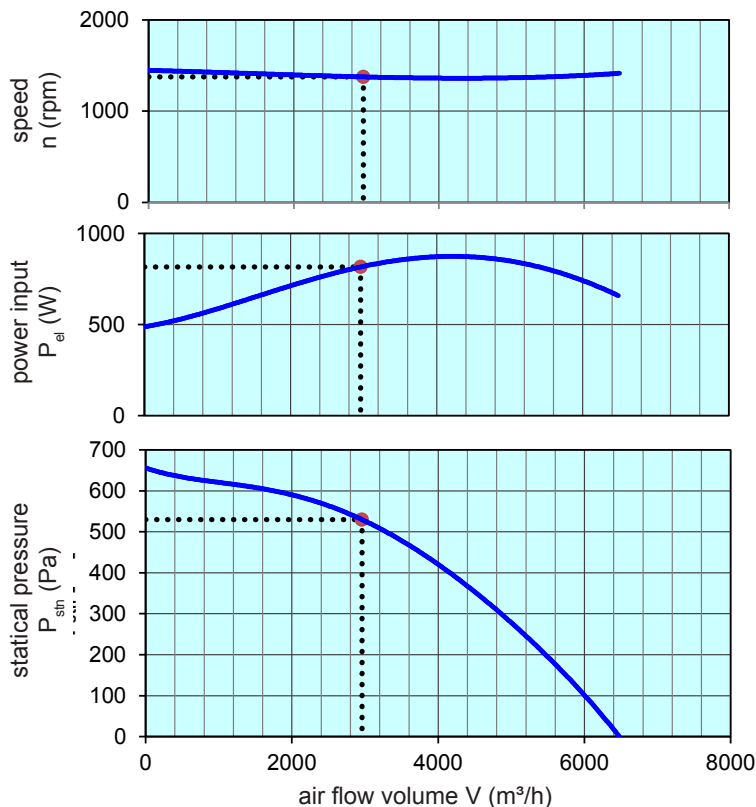
ErP 2013 2015 2018 x

Performance data

main voltage:	(V)	230 (1~)
frequency:	(Hz)	50
current max.:	(A)	4,3
power input max.:	(kW)	0,88
air flow volume max.:	(m³/h)	6490
statical pressure max.:	(Pa)	651
speed max.:	(rpm)	1444
max. air flow temperature	(°C)	+80
max. ambient temperature	(°C)	+30
capacitor:	(µF)	20

ErP-Data:

total efficiency fan (η_e):	(%)	53,8
installation category:		A
efficiency category:		static
efficiency grade: N	(%)	62
target efficiency (η_{target}):	(%)	50,5
speed controller		no
year of manufacturing		since 2015
manufacturer:	Fischbach Luft- und Ventilatorentechnik GmbH D-57290 Neunkirchen / HRB. 5804 Siegen	
order no. (left)		18072630
power input:	(kW)	0,81
air flow volume:	(m³/h)	2960
statical pressure:	(Pa)	530
speed:	(rpm)	1374
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	6163
FISCHBACH-Speed-Controller, stepwise	FDR 750	6202
FISCHBACH-Automatic-Control	FRA 55	6252

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