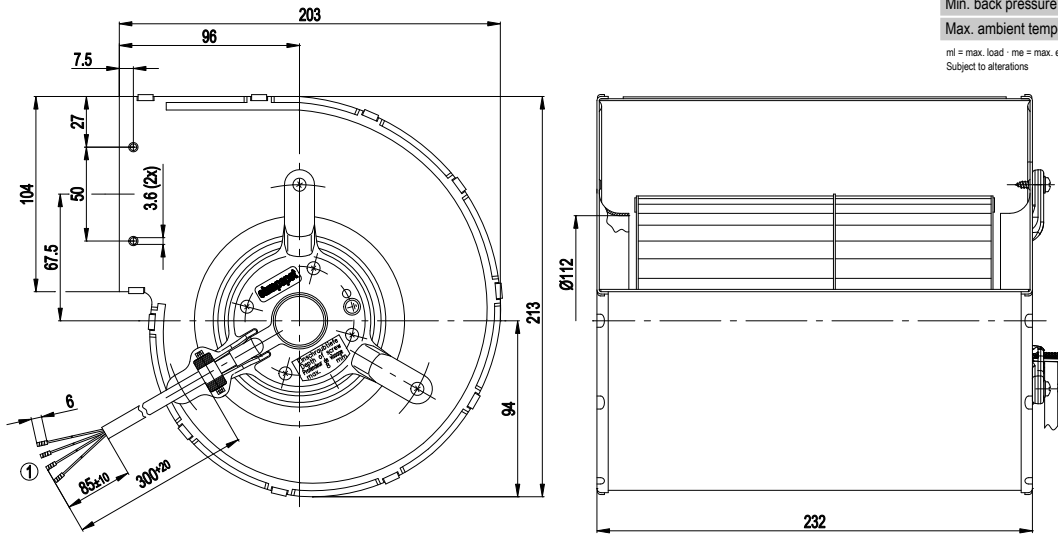


Tangential Blowers - Forward curved, dual inlet with housing (without flange)

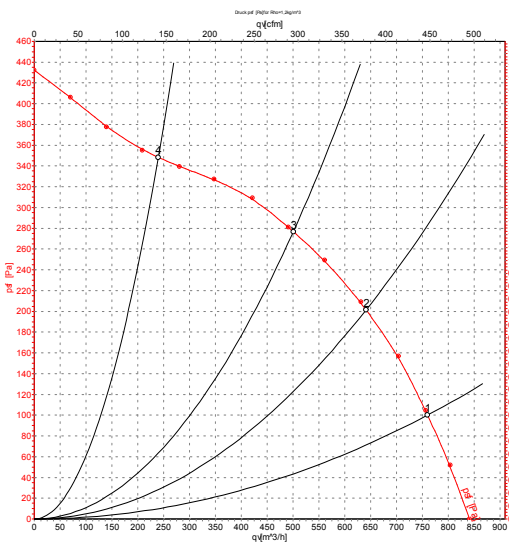
Code	Alt code
BlowerD2E	D2E133-DM47-01 Fan

Type	D2E133-DM47-01		
Motor	M2E068-DF		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Type of data definition		ml	ml
Valid for approval / standard		CE	CE
Speed	min ⁻¹	1650	2200
Power input	W	175	185
Current draw	A	0.78	0.82
Motor capacitor	µF	3	3
Capacitor voltage	VDB	450	450
Min. back pressure	Pa	100	250
Max. ambient temperature	°C	40	40

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Charts: Air flow 50 Hz



Measurement: LU-105266
Air performance measured as per ISO 5801 Installation Category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: LwA measured as per ISO 13347 / LpA measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

Leakage current	< 0.75 mA
General description	Without flange
Size	133 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Insulation class	"B"
Cable exit	Axial
Condensate discharge holes	None
Motor bearing	Ball bearing
Mass	3.8 kg
Housing material	Sheet steel, hot-galvanised
Material of impeller	Sheet steel, hot-galvanised
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
Surface of rotor	Partially cast in aluminium
Type of protection	IP 44; Depending on installation and position
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./ storage)	- 40 °C
Approval	CCC

Measured values

	U	f	n	P _e	I	qv	P _{sf}
	V	Hz	min ⁻¹	W	A	m ³ /h	Pa
1	230	50	1650	175	0.78	760	100
2	230	50	1990	162	0.70	640	200
3	230	50	2275	146	0.63	500	275
4	230	50	2530	125	0.54	240	350

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Christchurch

264 Annex Road

Riccarton 03 343 6184

Wellington

15 Te Puni Street

Petone 04 566 7969

Auckland

6 Stanway Place

Penrose 09 579 3257

0800 SMOOTH (0800 766 684)

www.smooth-air.co.nz

sales@smooth-air.co.nz

Tangential Blowers - Forward curved

Code	Alt code	Watts	Rotary fan length
BlowerQ180	QLZ06/1800		180mm

Blower Q Product Details

Ebm-papst tangential blowers offer a reliable and versatile solution to a variety of requirements. The exceptional features of ebm-papst tangential blowers are their high air flows at relatively low counter pressures and very good noise characteristics. Additionally, the unit can be mounted either horizontally or vertically, with the motor at the bottom.

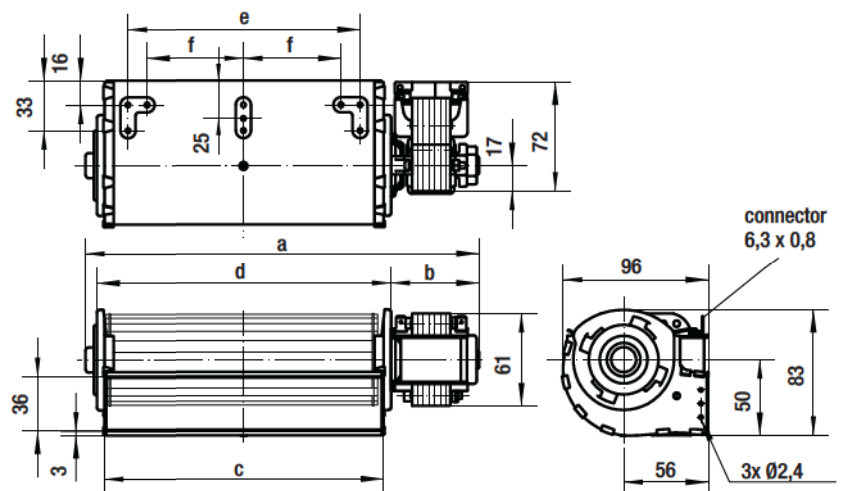
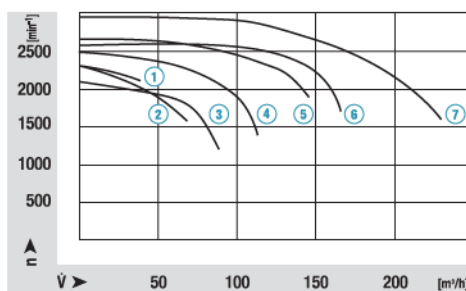
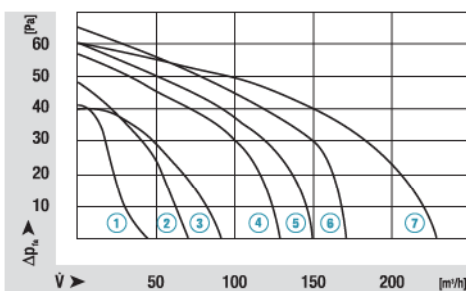
Applications include stove jacket cooling, thermal storage heaters, overhead projectors, tanning beds, air-conditioning and heating units.

BlowerQ180 Features and Benefits:

- Impeller diameter: 60mm
 - High efficiency, low noise
 - Almost whirl-free airstream flow
 - Shaded pole motors
- Insulation class B



Characteristic curves



Fans - Domestic

Code	Alt code	characteristic curve	Nominal data							Dimensions mm						
			rated voltage	frequency	air flow	max. pressure increase	power input	rated current	speed	mass	a	b	c	d	e	f
V	Hz	m³/h	Pa	W	mA	min⁻¹	kg									
BlowerQ180	QLZ06/1800-2524	⑤	230	50	150	60	33	240	1800	1,00	257	53	183	196	154	64

*) Corresponding to dimensional drawing; Technical data valid at free air flow and rated voltage;

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