

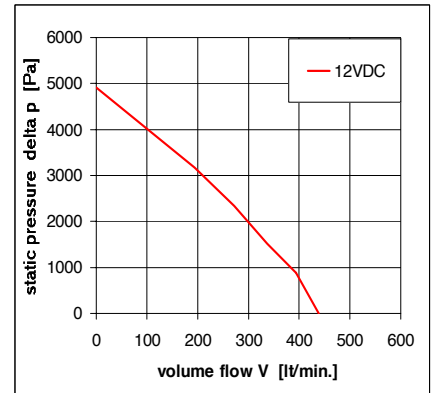


Miniatur Radial Gebläse
Miniature Radial Blower
Ventilateur miniature radial



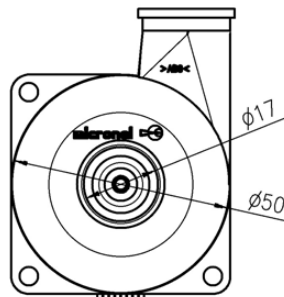
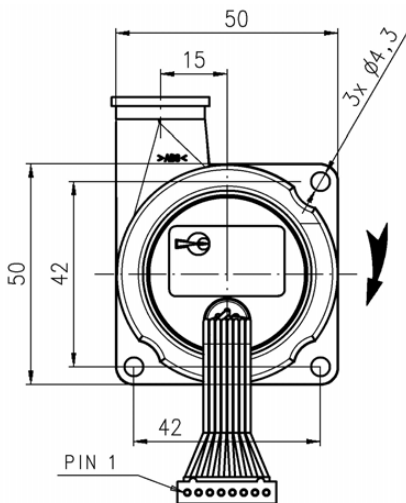
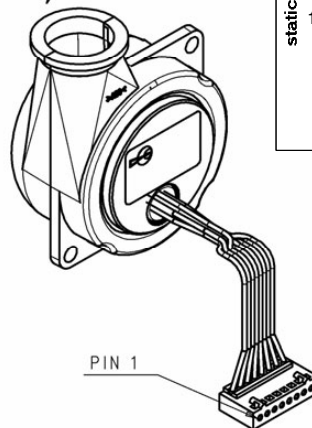
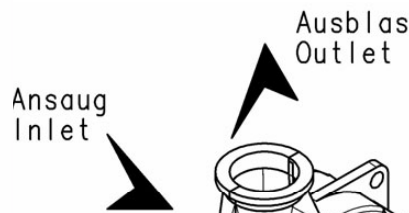
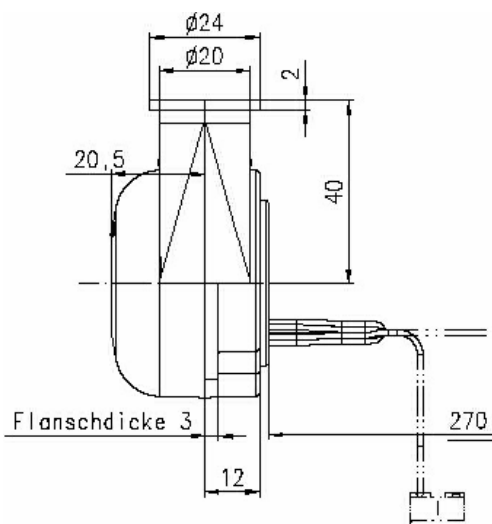
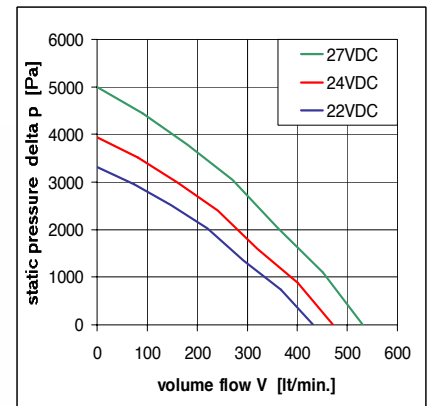
U51DX-012KK-5

12VDC



U51DX-024KK-5

24VDC



Steckerbelegung / connector pin assignment:

brown	Motorwinding 1	PIN 1
red	Motorwinding 2	PIN 2
orange	Motorwinding 3	PIN 3
yellow	Vhall 4.5...18VDC	PIN 4
green	GND	PIN 5
blue	Hall sensor 1*	PIN 6
violet	Hall sensor 2*	PIN 7
grey	Hall sensor 3*	PIN 8

* internal Pull-up (7...13 kohm) to Pin4

Technische Daten

Technical data

Caractéristiques techniques

Motor

Bürstenloser 3-Phasen Motor (mit Hallsensoren) ohne integrierte Elektronik (externe Elektronik nötig)

Standardluftdichte 1.2kg/m³

Motor
























Brushless 3-Phasen motor (with hall sensors) without integrated motor controller (external driver required)

Standard air density 1.2kg/m³

Moteur

Moteur à 3 phases, sans brosses (avec hall sensor) sans électronique intégré (électronique externe indispensable)

Densité de l'air standard 1,2 kg/m³

			U51DX-012KK-5	U51DX-024KK-5
	U _N	V	12	24
	U	V	+/- 0.5	12.0-27.0
	I _{N freeblowing}	mA	2'619	1'334
	I _{N work. point}	mA	2'575	1'271
	I _{N static}	mA	1277	728
	I _{block}	mA		
	P _{N work. point}	W	30.90	30.49
	n _{freeblowing}	min ⁻¹	40'472	42'328
	n _{work. point}	min ⁻¹	40'678	43'092
	n _{static}	min ⁻¹	48'193	48'380
	V _{freeblowing}	l/min	439	472
	V _{work. point}	l/min	272	241
	p _{work. point}	Pa	2344	2'408
	p _{static}	Pa	4'906	3'947
	LpA _(WP)	dB(A)	62	62
	MTTF _(WP)	hr	20'000 / 25°C	
	T	°C/°F	-20...+40 / -5...+105	
	m	gr/oz	90 /3.17	
	Leads	mm/inch	270 /10.6 (AWG24) / Connector Stocko MKFL 13268-6-0-808	
	Housing Material		ABS UL-94HB	
	Sleeve Bearing		N/A	N/A
	Ball Bearing		•	•
	Tacho		•	•

Datas of Blower were measured with controll board H015X-522A9