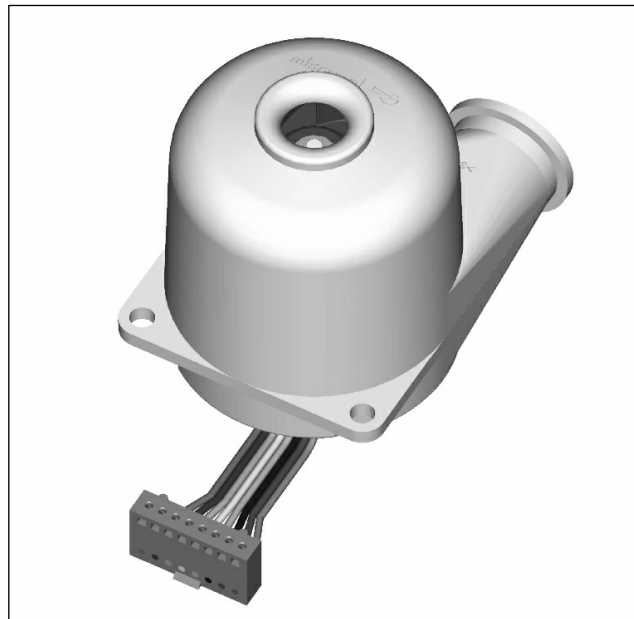


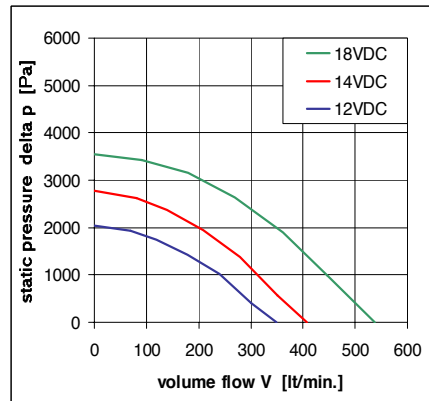


Miniatur Radial Gebläse
Miniature Radial Blower
Ventilateur miniature radial



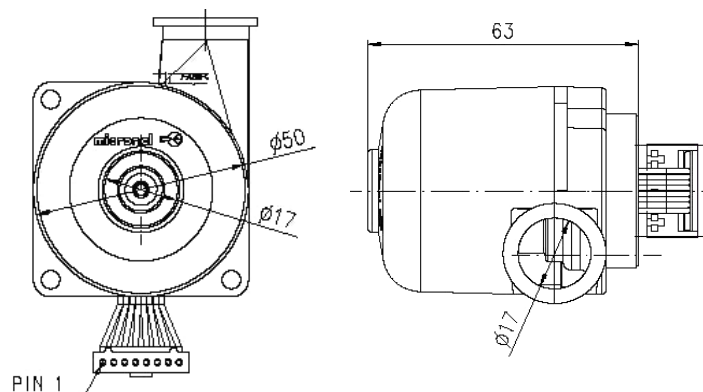
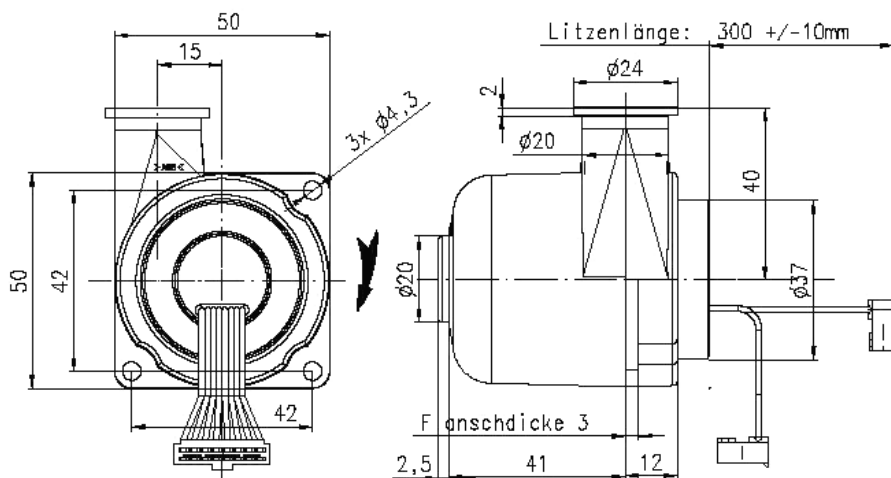
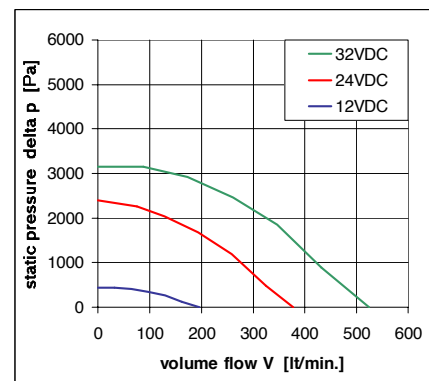
U51D1-012KK-5

12VDC



U51D1-024KK-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

elektronisch kommutierter Motor (mit Hallsensoren) ohne integrierte Elektronik (externe Elektronik nötig)

Standardluftdichte 1.2kg/m³

Motor
























electronically commutated motor (with hall sensors) without integrated motor controller (external driver required)

Standard air density 1.2kg/m³

Moteur

moteur à commutation électronique (avec hall sensor) sans électronique intégré (électronique externe indispensable)

Densité de l'air standard 1,2 kg/m³

			U51D1-012KK-5	U51D1-024KK-5
	U _N	V	12	24
	U	V	12.0 - 18.0	12.0 - 32.0
	I _{N freeblowing}	mA	1049	620
	I _{N work. point}	mA	985	588
	I _{N static}	mA	580	333
	I _{block}	mA		
	P _{N work. point}	W	11.8	14.1
	n freeblowing	min ⁻¹	29630	33432
	n work. point	min ⁻¹	29851	32730
	n static	min ⁻¹	31008	33432
	V freeblowing	l/min	349	378
	V work. point	l/min	179	194
	p work. point	Pa	1433	1'682
	p static	Pa	2048	2400
	LpA _(WP)	db(A)	59	61
	MTTF _(WP)	hr	30'000 / 25°C	
	T	°C/°F	-20...+65 / -5...+150	
	m	gr/oz	185 / 6.52	
	Leads	mm/inch	300 / 11.8 (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