

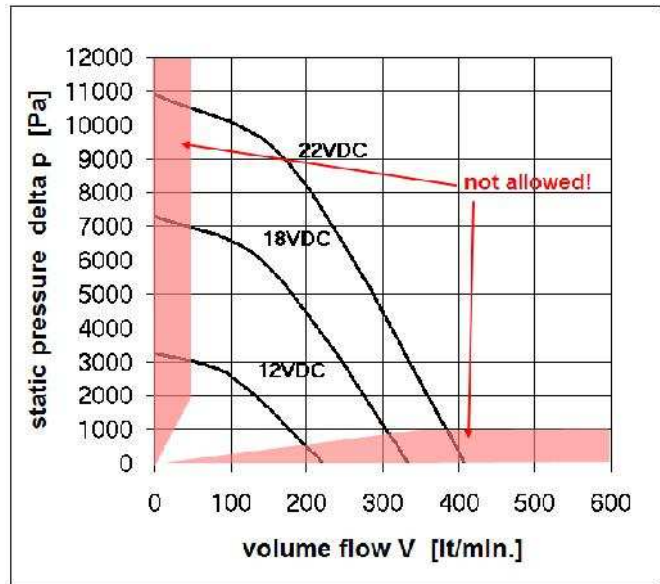


Miniatur Radial Gebläse
 Miniature Radial Blower
 Ventilateur miniature radial



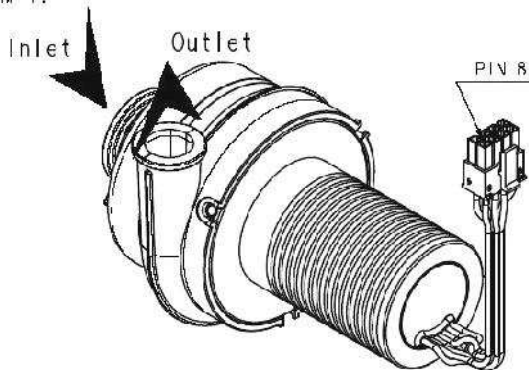
U65H2-024KX-6

18VDC



U65H2

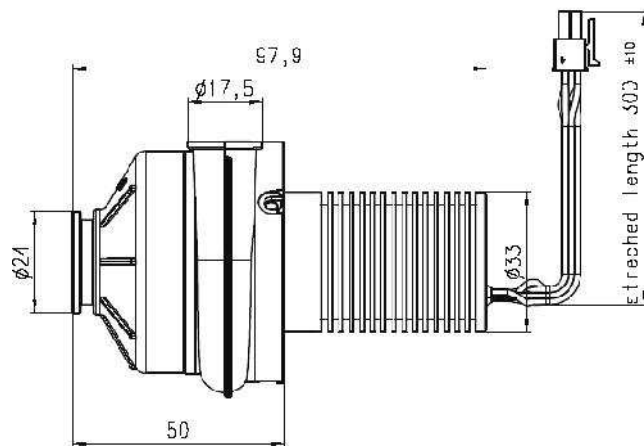
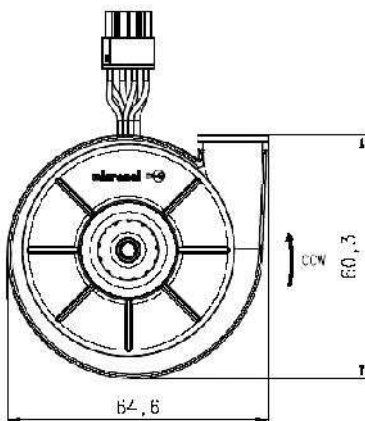
Ansicht:
 View ISC
 M 1:1



Steckerbelegung / connector pin assignment

Pin 1	Hall sensor 1*	blue	AWG24
Pin 2	Hall sensor 2*	black	AWG24
Pin 3	Vhal 4.5...24VDC	yellow	AWG24
Pin 4	Motorwinding 3	orange	AWG24
Pin 5	Hall sensor 3*	grey	AWG24
Pin 6	GND	green	AWG24
Pin 7	Motorwinding 1	brown	AWG24
Pin 8	Motorwinding 2	red	AWG24

* internal Pull-up (7...13 kohm) to Pin 3



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

			U65H2-024KX-6
	U _N	V	18
	U	V	12 - 22
	I _{N freeblowing}	mA	2264
	I _{N work. point}	mA	1603
	I _{N static}	mA	788
	I _{block}	A	5
	L _{inductance}	mH	0.01
	R _{phase-phase}	Ohm	0.18
	P _{N work. point}	W	30
	n _{freeblowing}	min ⁻¹	33645
	n _{work. point}	min ⁻¹	35019
	n _{static}	min ⁻¹	36364
	V _{freeblowing}	l/min	333
	V _{work. point}	l/min	127
	p _{work. point}	Pa	6245
	p _{static}	Pa	7303
	LpA _(WP)	db(A)	depend on working point
	MTTF _(WP)	hr	15'000 / 25°C (77°F)
	T	°C/°F	-20...+50 / -5...+122
	m	gr/oz	270 / 9.52
	Leads	mm/inch	300 / 11.8 (AWG24) / Connector Molex Microfit 43025-0800
	Housing Material		PC / Impeller PA6
	NTC		optional on request
	Ball Bearing		•
	Tacho		•

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

Blower limits

short time use	Speed n [min-1] Temperature on heat sink [°C] Input Power [W]	45'000 max. 85 max. 75 max.
continous	Power continous [W]	25
Work point	→ Do not use the blower free blowing → minimum Flow of 50 l/min. is necessary	

If the blower is used in medical field it is necessary to use an NTC sensor
Dynamic use of the blower must be discussed with Micronel