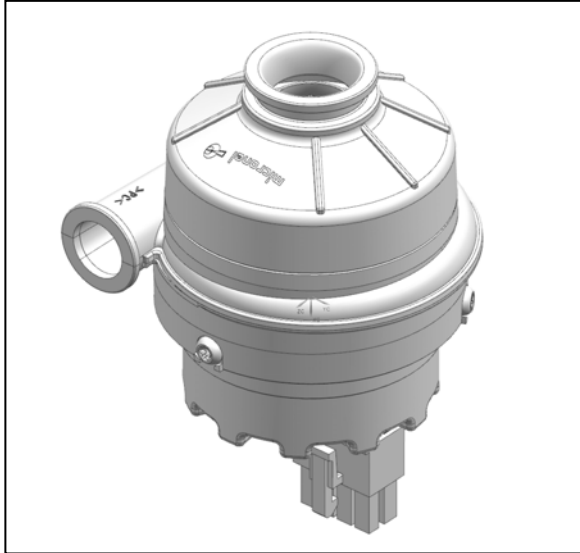
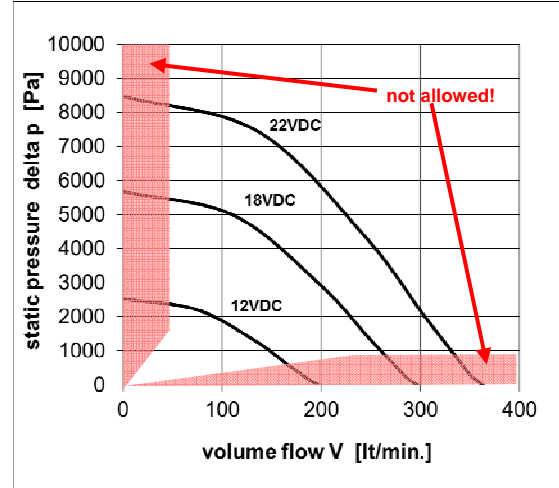


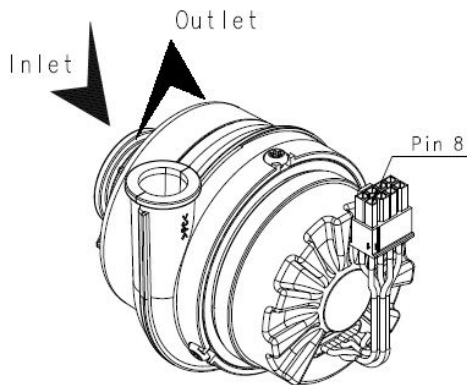
**Miniatur Radial Gebläse**  
**Miniature Radial Blower**  
**Ventilateur miniature radial**



**U65M2-024KX-5 18VDC**

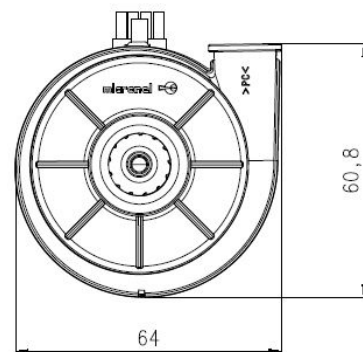
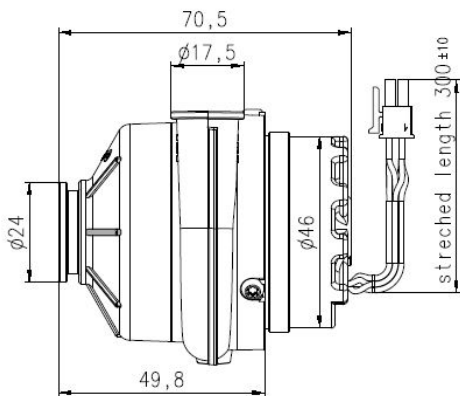


U65M2



**Steckerbelegung/ connector pin assignment**

Pin 1	Hall sensor 1	blue	AWG24
Pin 2	Hall sensor 2	black	AWG24
Pin 3	Vhal 2.2...18VDC	yellow	AWG24
Pin 4	Motorwinding 3	orange	AWG18
Pin 5	Hall sensor 3	grey	AWG24
Pin 6	GND	green	AWG24
Pin 7	Motorwinding 1	brown	AWG18
Pin 8	Motorwinding 2	red	AWG18



## Technische Daten

## Technical data

## Caractéristiques techniques

### Motor

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

Standardluftdichte 1.2kg/m<sup>3</sup>

### Motor
























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

Standard air density 1.2kg/m<sup>3</sup>

### Moteur

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

Densité de l'air standard 1,2 kg/m<sup>3</sup>

			U65M2-024KX-5
	U <sub>N</sub>	V	18
	U	V	12-22
	I <sub>N</sub> freeblowing	mA	2'560
	I <sub>N</sub> work. point	mA	1'940
	I <sub>N</sub> static	mA	1'180
	I <sub>block</sub>	A	5
	P <sub>N</sub> work. point	W	35
	n freeblowing	min <sup>-1</sup>	33'330
	n work. point	min <sup>-1</sup>	34'335
	n static	min <sup>-1</sup>	35'715
	Q freeblowing	l/min	324
	Q work. point	l/min	217
	p work. point	Pa	3'540
	p static	Pa	6'970
	LpA <sub>(WP)</sub>	dB(A)	47.5 dB(A) at 1000 Pa (10 mbar) and 1m distance
	MTTF <sub>(WP)</sub>	hr	20'000 / 25°C
	T	°C / °F	-20...+45 / -5...+113
	m	gr / oz	290 / 9.32
	Leads	mm / inch	300 / 11.8 (AWG24/18) / Connector Molex Minifit 39-01-2080
	Housing material		PC / Impeller PA6
	Sleeve bearing		N/A
	Ball bearing		●
	Tacho		●

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

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