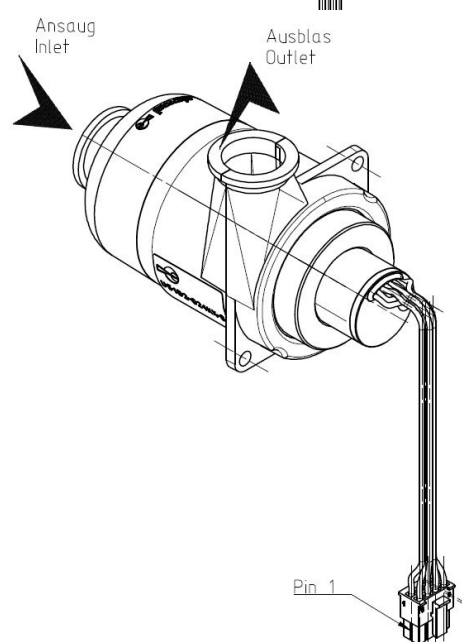
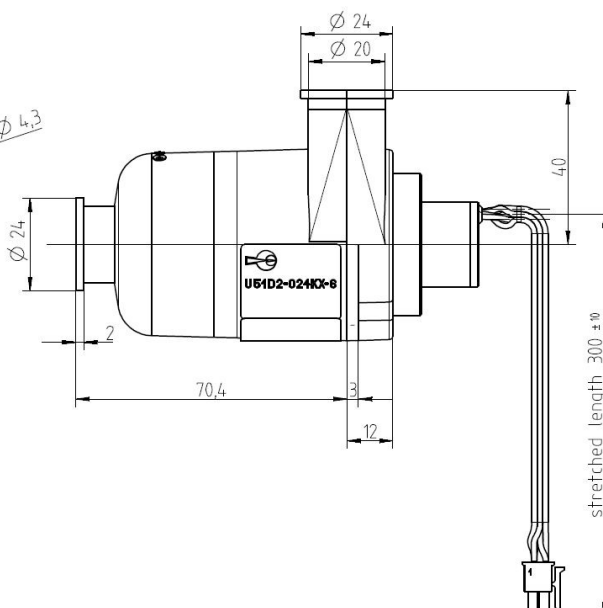
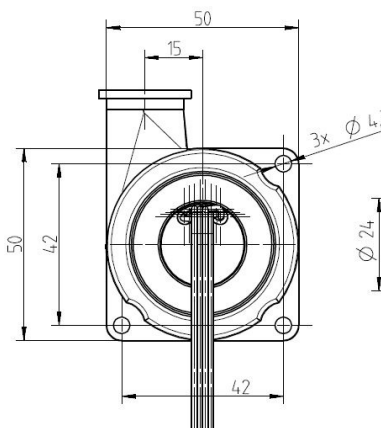
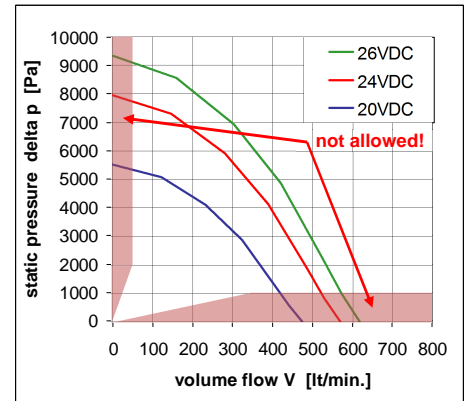




Miniatur Radial Gebläse
Miniature Radial Blower
Ventilateur miniature radial

U51D2-024KX-6

24VDC



Steckerbelegung / connector pin assignment:

AWG24	PIN 1	Hall sensor 1*	blue
AWG24	PIN 2	Hall sensor 2*	black
AWG24	PIN 3	Vhall 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

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

Technische Daten

Technical data

Caractéristiques techniques

Motor

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

Motor

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

Moteur

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

Achtung:

Um Lebensdauer des Gebläses zu verlängern, nicht über längerem Zeitraum über 42000 u/min. drehen lassen.

Attention:

To extend lifetime of blower, do not run blower beyond 42'000 rpm over longer period of time.
























Attention:

Pour prolonger la vie du ventilateur, ne laissez pas tourner au-déla de 42'000 rpm pour un période plus longue.

Standardluftdichte 1.2kg/m³

Standard air density 1.2kg/m³

Densité de l'air standard 1,2 kg/m³

			U51D2-024KX-6
	U _N	V	24
	U	V	12.0-24.0
	I _N freeblowing	mA	2730
	I _N work. point	mA	2529
	I _N static	mA	1106
	I _{block}	A	5
	P _N work. point	W	60.7
	n freeblowing	min ⁻¹	47337
	n work. point	min ⁻¹	47809
	n static	min ⁻¹	49896
	V freeblowing	l/min	574
	V work. point	l/min	280
	p work. point	Pa	5900
	p static	Pa	8025
	LpA _(WP)	dB(A)	70
	MTTF _(WP)	hr	15'000 / 25°C
	T	°C/°F	-20...+40 / -5...+105
	m	gr/oz	256 / 9.03
	Leads	mm/inch	300 / 11.8 (AWG24) / Connector Molex Microfit 43025-0800
	Housing Material		PC / Impeller PA6
	Sleeve Bearing		N/A
	Ball Bearing		•
	Tacho		•

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