

FURGUT

Rotary vane pump DC06/21FK

Rotary vane pump for non-toxic, non-flammable, non-explosive gases

DESCRIPTION

The DC06/21FK Pump is a rotary vane pump designed for gaseous flow rates up to 5.8 LPM. The small, lightweight pump weighs only 104 grams. The pump is nearly silent and consumes very low power. The pumps operate oil free and the carbon vanes can achieve up to a 10,000 hours service life depending on the voltage applied. The DC06/21FK pump is suitable for non-toxic, non-flammable applications. The compact slim design has a long life at partial voltage.



FEATURES

- Long Life – at reduced voltage
- Almost pulsation-free discharge
- Small Foot Print (58 mm)
- High efficiency - Carbon Graphite rotary vanes
- Pressures to 130 mbar
- Low Noise (< 58 dB) / Low Power consumption

SPECIFICATIONS

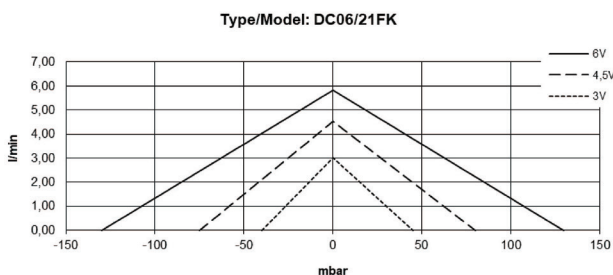
GENERAL

Maximum Flow	5.8 LPM
Vane Material	Carbon
Media	Non toxic, non-explosive gases
Voltage	Range 3-6 VDC (model dependent)
Weight	104 grams

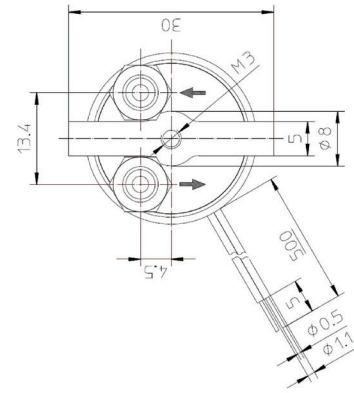
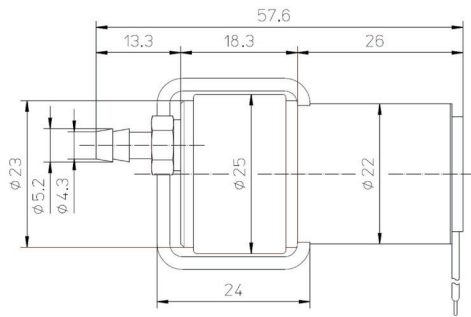
APPLICATIONS

- Gas Analyzers/Detectors
- Particle Counters
- Environmental Monitoring/Sampling
- Vacuum Pick & Place/Handling

FLOW RATE PERFORMANCES



DIMENSIONS (MM)



ORDERING INFORMATION

Model/ Order Code	Current mA	Voltage (V)	Max. Flow (L/min)	Vacuum				Pressure				Weight (g)
				Current		Vacuum (mbar)	Noise Level dB(A)	Current		[+] (mbar)	Noise Level dB(A)	
				Min mA	Max mA			Min mA	Max mA			
DC06/21FK Art.-Nr.: 13836	2200	6,0	5,8	285	560	130	57	295	560	130	58	104
		4,5	4,5	195	360	75	54	190	360	80	54	
		3,0	3,0	110	215	40	49	115	215	40	48	