

FURGUT

Pressure/Vacuum Pump Model Series 80SL

DESCRIPTION

The 80 SL Series is a rotary vane pump designed for gaseous flow rates up to 10.3 LPM. The small, lightweight pump weighs only 0.8 kilograms. 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 80 SL 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
- High efficiency - Carbon Graphite rotary vanes
- Pressures to 800 mbar
- Low Noise (< 80 dB) / Low Power consumption

APPLICATIONS

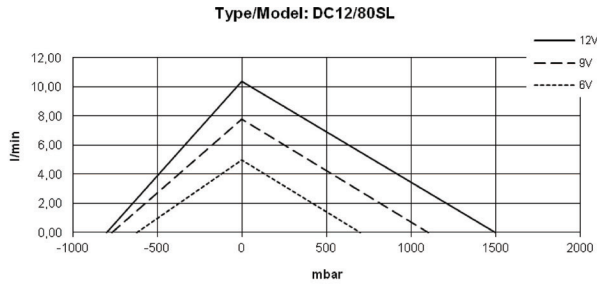
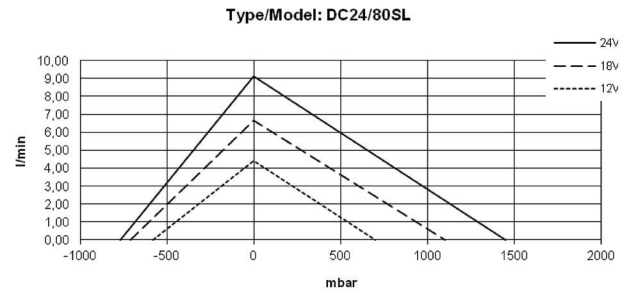
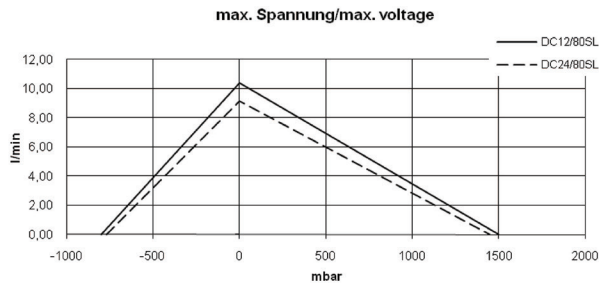
- Gas Analyzers / Detectors
- Particle Counters
- Environmental Monitoring / Sampling
- Vacuum Pick & Place / Handling

SPECIFICATIONS

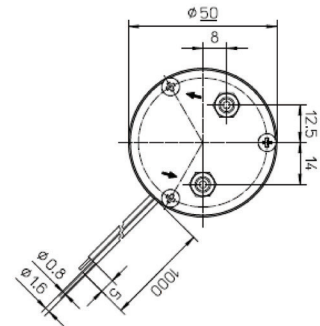
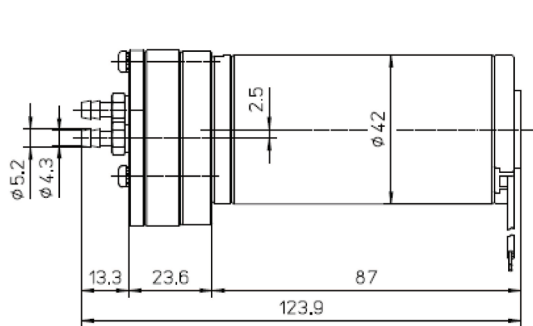
GENERAL

Maximum Flow	10.3 LPM
Vane Material	Carbon
Media	Non toxic, non-explosive gases
Voltage	Range 6-24 VDC (model dependent)
Weight	0.8 kilograms

## FLOW RATE PERFORMANCES



## DIMENSIONS (MM)



## ORDERING INFORMATION

Model/ Order Code	Nominal Current (A)	Voltage (V)	Max. Flow (L/min)	Vacuum				Pressure				Weight (kg)
				Current		Vacuum (mbar)	Noise Level (dBA)	Current		Pressure (mbar)	Noise Level (dBA)	
				Min (A)	Max (A)			Min (A)	Max (A)			
DC12/80SL Art.-Nr.: 15989	2,7	12,0	10,3	1,5	2,5	800	83	1,7	6,4	1500	72	0,79
		9,0	7,8	1,2	2,5	770	80	1,3	4,9	1100	67	
		6,0	4,9	0,9	2,1	620	72	1,0	3,2	700	59	
DC24/80SL Art.-Nr.: 16991	1,2	24,0	9,1	0,7	1,3	770	84	0,7	3,0	1450	74	
		18,0	6,6	0,5	1,1	710	79	0,5	2,4	1100	68	
		12,0	4,4	0,4	1,0	580	74	0,5	1,6	700	62	