

VACUUM CARTRIDGE

SERIES ZVC | INSTALLATION SIZE ZVC253

▶ PRODUCT ADVANTAGES



▶ High Efficiency

High vacuum flow with low compressed air consumption for efficient operation.

▶ Lightweight and compact

An exceptionally compact and lightweight design for space-saving integration.

▶ Reliable Even When Air Pressure Fluctuates

Consistent vacuum generation even when compressed air pressure fluctuates or drops.

▶ Certifications: LABS / REACH / RoHS

▶ PRODUCT KEY

ZVC	X	30	3	NRV	HP2M25
Series	Version	Vacuum cartridge type	Number of stages of the vacuum cartridge	Throttle check valve	Retaining cap / silencer

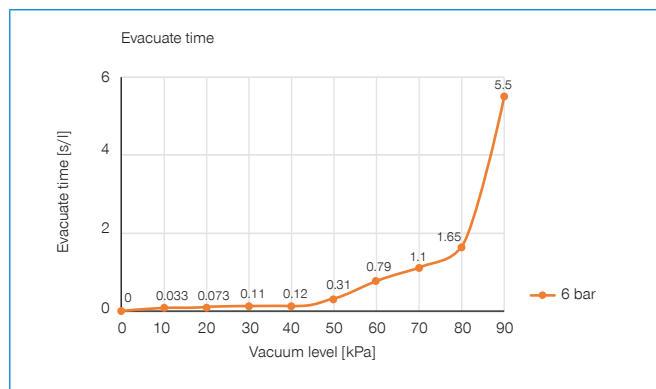
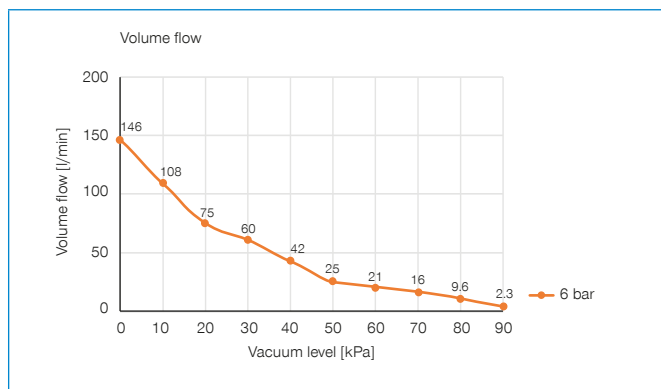
▶ TECHNICAL DATA

Order no.	▶ Technical data			
	ZVC253	ZVC253-FS1M25	ZVC253-HP2M22	ZVC253-NRV
Max. vacuum level [kPa]	-94	-94	-94	-94
Volume flow [l/min]	146	146	146	146
Digital vacuum switch	No	No	No	No
Air-saving function	No	No	No	No
Weight [kg]	0.015	0.043	0.036	0.015
Vacuum cartridge type	Mini Premium	Mini Premium	Mini Premium	Mini Premium
Number of stages of the vacuum cartridge	3	3	3	3
Fixing thread		M25 external	M22 external	
Air control valve	No	No	No	No
Blow-off control valve	No	No	No	No
Solenoid valve	No	No	No	No
Throttle check valve	No	No	No	Yes
Silencer	No	No	No	No
Silencer type		Standard silencer		
Vacuum filter	No	No	No	No
Mounting type			Retaining cap	
Operating pressure max. [bar]	7	7	7	7
Air consumption at 5.5 bar [l/min]	77	77	77	77
Air consumption at 6 bar [l/min]	84	84	84	84
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

Order no.	► Technical data			
	ZVC253-NRV-FS1M25	ZVC253-NRV-HP2M22	ZVC253-NRV-S1M25	ZVC253-S1M25
Max. vacuum level [kPa]	-94	-94	-94	-94
Volume flow [l/min]	146	146	146	146
Digital vacuum switch	No	No	No	No
Air-saving function	No	No	No	No
Weight [kg]	0.043	0.036	0.041	0.041
Vacuum cartridge type	Mini Premium	Mini Premium	Mini Premium	Mini Premium
Number of stages of the vacuum cartridge	3	3	3	3
Fixing thread	M25 external	M22 external	M25 external	M25 external
Air control valve	No	No	No	No
Blow-off control valve	No	No	No	No
Solenoid valve	No	No	No	No
Throttle check valve	Yes	Yes	Yes	No
Silencer	No	No	No	No
Silencer type	Standard silencer		Standard silencer	Standard silencer
Vacuum filter	No	No	No	No
Mounting type	Retaining cap			
Operating pressure max. [bar]	7	7	7	7
Air consumption at 5.5 bar [l/min]	77	77	77	77
Air consumption at 6 bar [l/min]	84	84	84	84
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

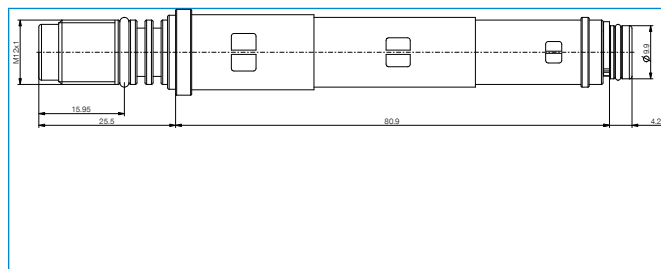
► DIAGRAMS

ZVC253

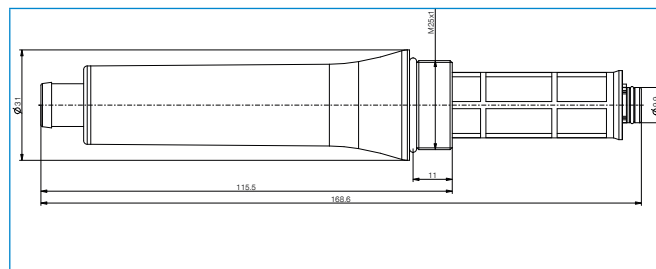


► TECHNICAL DRAWINGS

ZVC253



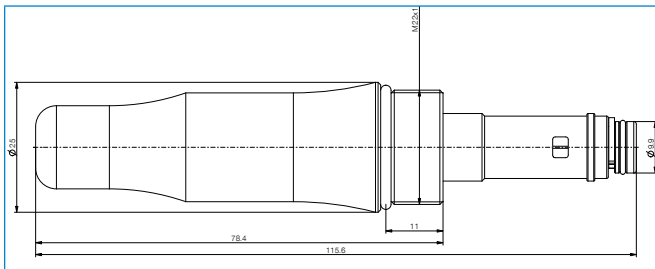
ZVC253-FS1M25



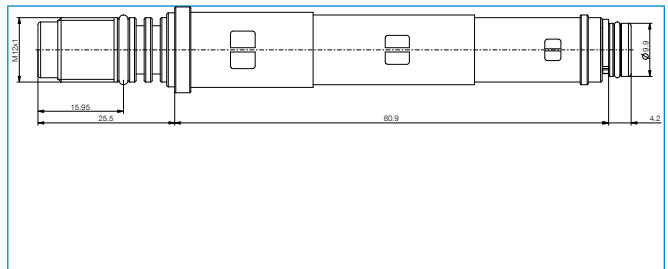
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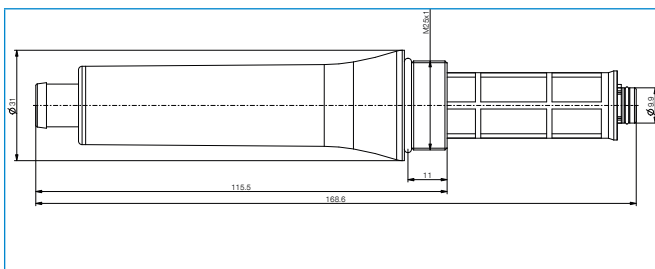
ZVC253-HP2M22



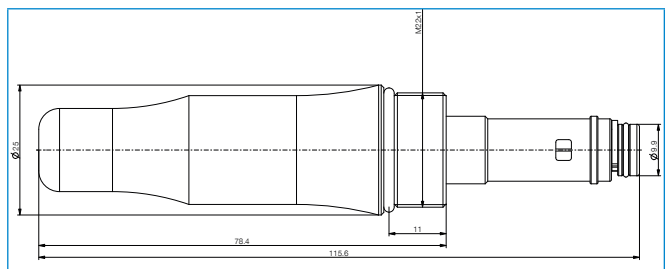
ZVC253-NRV



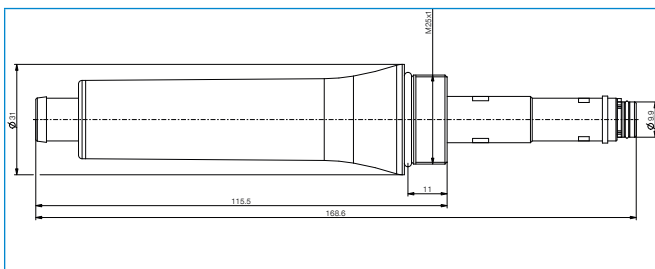
ZVC253-NRV-FS1M25



ZVC253-NRV-HP2M22



ZVC253-NRV-S1M25



ZVC253-S1M25

