

VACUUM CARTRIDGE

SERIES ZVC | INSTALLATION SIZE ZVC203

► 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

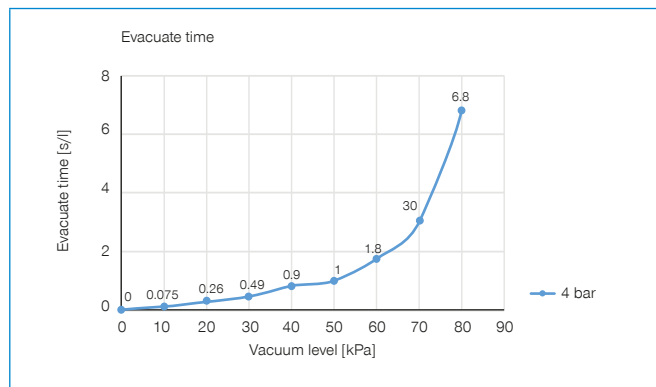
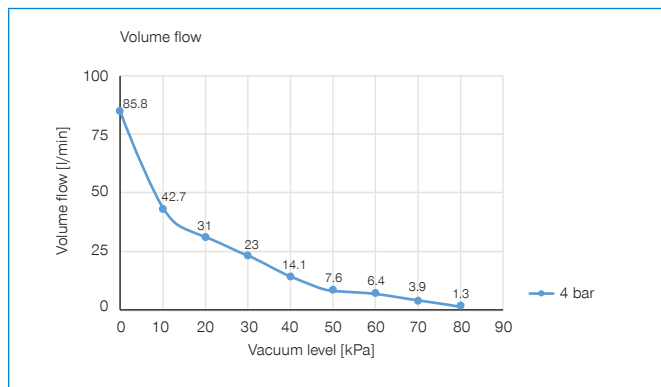
► TECHNICAL DATA

Order no.	► Technical data				
	ZVC203	ZVC203-DS1M15	ZVC203-FS1M16	ZVC203-NRV	ZVC203-NRV-DS1M15
Max. vacuum level [kPa]	-90	-90	-90	-90	-90
Volume flow [l/min]	85	85	85	85	85
Digital vacuum switch	No	No	No	No	No
Air-saving function	No	No	No	No	No
Weight [kg]	0.006	0.018	0.013	0.006	0.018
Vacuum cartridge type	Mini	Mini	Mini	Mini	Mini
Number of stages of the vacuum cartridge	3	3	3	3	3
Fixing thread		M15 external	M16 external		M15 external
Air control valve	No	No	No	No	No
Blow-off control valve	No	No	No	No	No
Solenoid valve	No	No	No	No	No
Throttle check valve	No	No	No	Yes	Yes
Silencer	No	No	No	No	No
Silencer type		Direct silencer	Standard silencer		Direct silencer
Vacuum filter	No	No	No	No	No
Operating pressure max. [bar]	7	7	7	7	7
Air consumption at 2.2 bar [l/min]	20	20	20	20	20
Air consumption at 4 bar [l/min]	32	32	32	32	32
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

Order no.	► Technical data				
	ZVC203-NRV-FS1M16	ZVC203-NRV-TS1M14	ZVC203-NRV-TS1M15	ZVC203-TS1M14	ZVC203-TS1M15
Max. vacuum level [kPa]	-90	-90	-90	-90	-90
Volume flow [l/min]	85	85	85	85	85
Digital vacuum switch	No	No	No	No	No
Air-saving function	No	No	No	No	No
Weight [kg]	0.013	0.024	0.021	0.024	0.021
Vacuum cartridge type	Mini	Mini	Mini	Mini	Mini
Number of stages of the vacuum cartridge	3	3	3	3	3
Fixing thread	M16 external	M14 external	M15 external	M14 external	M15 external
Air control valve	No	No	No	No	No
Blow-off control valve	No	No	No	No	No
Solenoid valve	No	No	No	No	No
Throttle check valve	Yes	Yes	Yes	No	No
Silencer	No	No	No	No	No
Silencer type	Standard silencer	2-way silencer	2-way silencer	2-way silencer	2-way silencer
Vacuum filter	No	No	No	No	No
Operating pressure max. [bar]	7	7	7	7	7
Air consumption at 2.2 bar [l/min]	20	20	20	20	20
Air consumption at 4 bar [l/min]	32	32	32	32	32
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

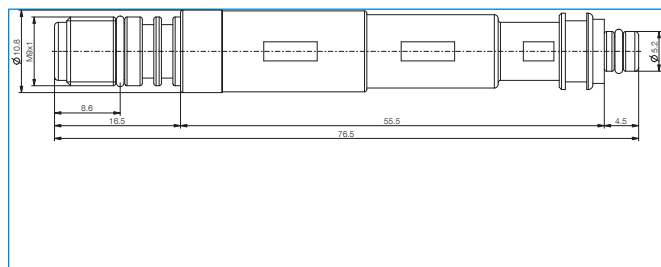
► DIAGRAMS

ZVC203

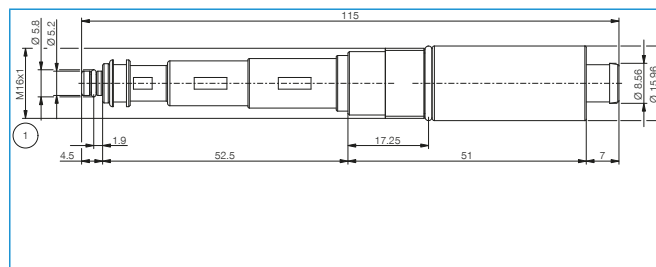


► TECHNICAL DRAWINGS

ZVC203



ZVC203-DS1M15

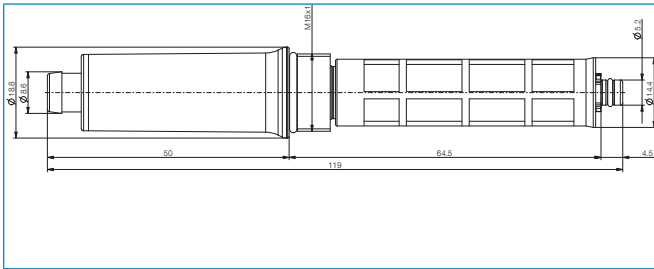


① Fixing

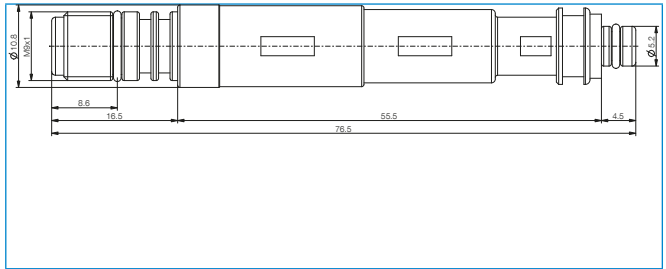
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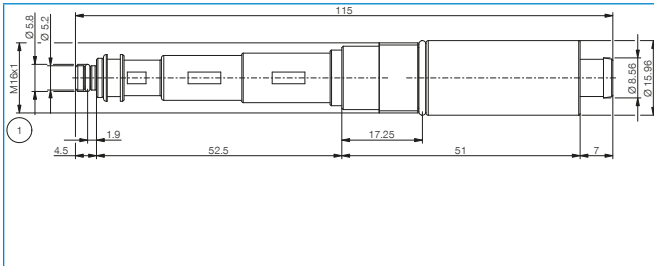
ZVC203-FS1M16



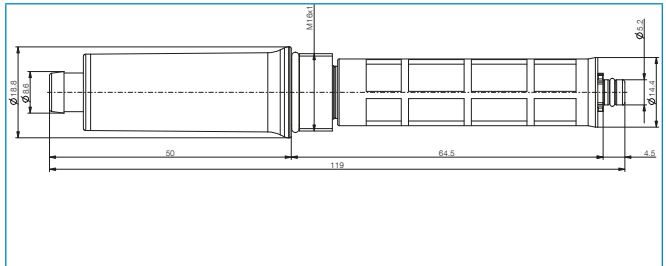
ZVC203-NRV



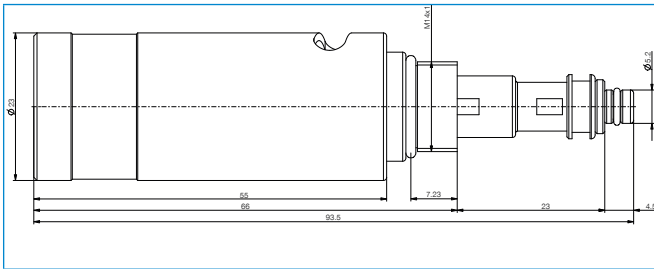
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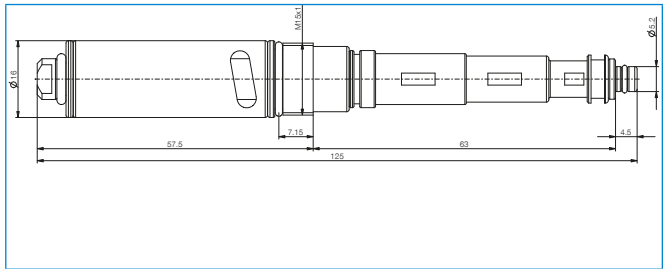
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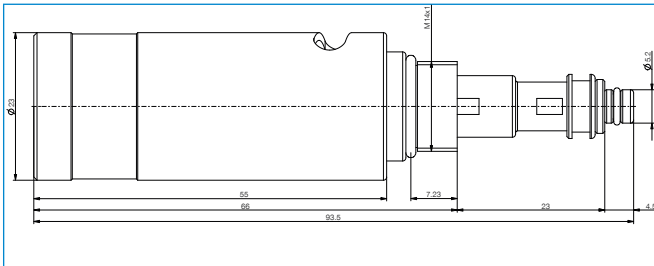
ZVC203-NRV-TS1M14



ZVC203-NRV-TS1M15



ZVC203-TS1M14



ZVC203-TS1M15

