

VACUUM CARTRIDGE

SERIES ZVC | INSTALLATION SIZE ZVC303

► 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					
	ZVC303	ZVC303-HP2M25	ZVC303-NRV	ZVC303-NRV-HP2M25	ZVC303-NRV-TS1M25	ZVC303-TS1M25
Max. vacuum level [kPa]	-92	-92	-92	-92	-92	-92
Volume flow [l/min]	341	341	341	341	341	341
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.025	0.084	0.025	0.084	0.1	0.1
Vacuum cartridge type	Midi	Midi	Midi	Midi	Midi	Midi
Number of stages of the vacuum cartridge	3	3	3	3	3	3
Fixing thread		M25 external		M25 external	M25 external	M25 external
Air control valve	No	No	No	No	No	No
Blow-off control valve	No	No	No	No	No	No
Solenoid valve	No	No	No	No	No	No
Throttle check valve	No	No	Yes	Yes	Yes	No
Silencer	No	No	No	No	No	No
Silencer type					2-way silencer	2-way silencer
Vacuum filter	No	No	No	No	No	No
Mounting type		Retaining cap		Retaining cap		
Operating pressure max. [bar]	7	7	7	7	7	7
Air consumption at 2.2 bar [l/min]	97	97	97	97	97	97
Air consumption at 4 bar [l/min]	152	152	152	152	152	152
Operating temperature [°C]	-20 ... +80	-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	LABS / REACH / RoHS

	► Technical data					
Order no.	ZVCL303	ZVCL303-HP2M25	ZVCL303-NRV	ZVCL303-NRV-HP2M25	ZVCL303-NRV-TS1M25	ZVCL303-TS1M25
Max. vacuum level [kPa]	-75	-75	-75	-75	-75	-75
Volume flow [l/min]	362	362	362	362	362	362
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.025	0.084	0.025	0.084	0.1	0.1
Vacuum cartridge type	Midi L-type	Midi L-type	Midi L-type	Midi L-type	Midi L-type	Midi L-type
Number of stages of the vacuum cartridge	3	3	3	3	3	3
Fixing thread		M25 external		M25 external	M25 external	M25 external
Air control valve	No	No	No	No	No	No
Blow-off control valve	No	No	No	No	No	No
Solenoid valve	No	No	No	No	No	No
Throttle check valve	No	No	Yes	Yes	Yes	No
Silencer	No	No	No	No	No	No
Silencer type					2-way silencer	2-way silencer
Vacuum filter	No	No	No	No	No	No
Mounting type		Retaining cap		Retaining cap		
Operating pressure max. [bar]	7	7	7	7	7	7
Air consumption at 4 bar [l/min]	70	70	70	70	70	70
Air consumption at 6 bar [l/min]	104	104	104	104	104	104
Operating temperature [°C]	-20 ... +80	-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	LABS / REACH / RoHS

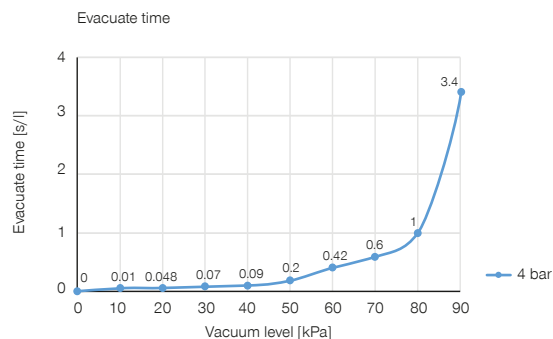
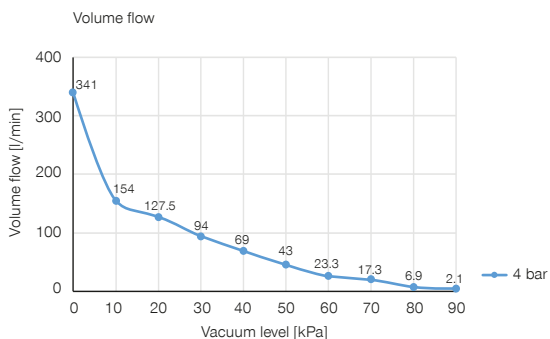
	► Technical data					
Order no.	ZVCX303	ZVCX303-HP2M25	ZVCX303-NRV	ZVCX303-NRV-HP2M25	ZVCX303-NRV-TS1M25	ZVCX303-TS1M25
Max. vacuum level [kPa]	-95	-95	-95	-95	-95	-95
Volume flow [l/min]	310	310	310	310	310	310
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.025	0.084	0.025	0.084	0.084	0.084
Vacuum cartridge type	Midi X-type	Midi X-type	Midi X-type	Midi X-type	Midi X-type	Midi X-type
Number of stages of the vacuum cartridge	3	3	3	3	3	3
Fixing thread		M25 external		M25 external	M25 external	M25 external
Air control valve	No	No	No	No	No	No
Blow-off control valve	No	No	No	No	No	No
Solenoid valve	No	No	No	No	No	No
Throttle check valve	No	No	Yes	Yes	Yes	No
Silencer	No	No	No	No	No	No
Silencer type					2-way silencer	2-way silencer
Vacuum filter	No	No	No	No	No	No
Mounting type		Retaining cap		Retaining cap		
Operating pressure max. [bar]	7	7	7	7	7	7
Air consumption at 6 bar [l/min]	140	140	140	140	140	140
Operating temperature [°C]	-20 ... +80	-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	LABS / REACH / RoHS

VACUUM CARTRIDGE

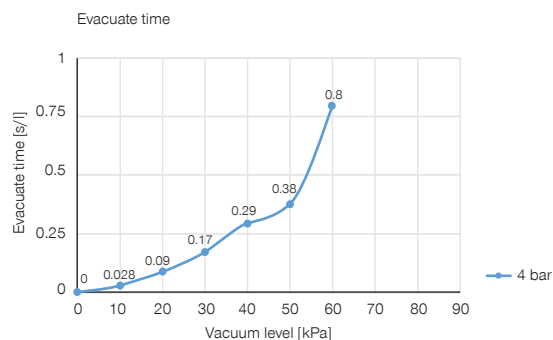
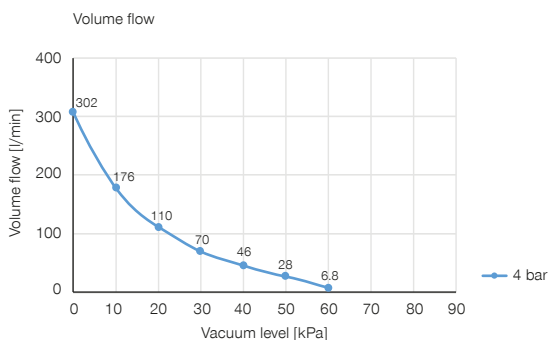
SERIES ZVC | INSTALLATION SIZE ZVC303

► DIAGRAMS

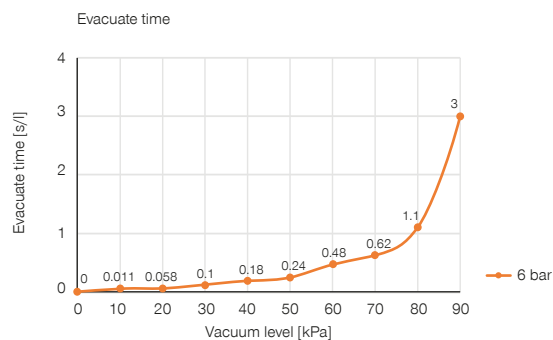
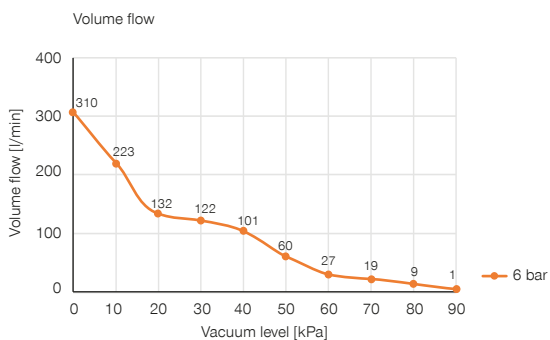
ZVC303



ZVCL303

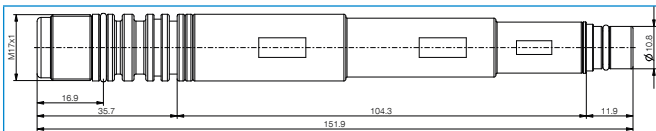


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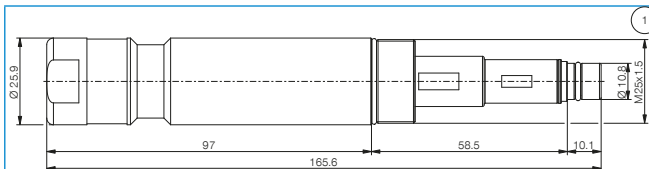


► TECHNICAL DRAWINGS

ZVC303

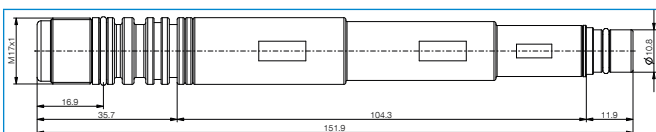


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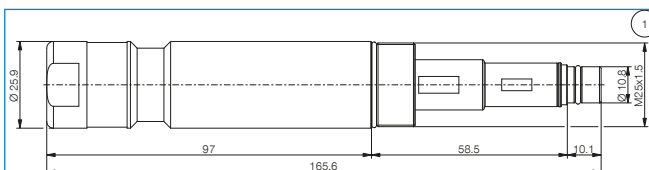


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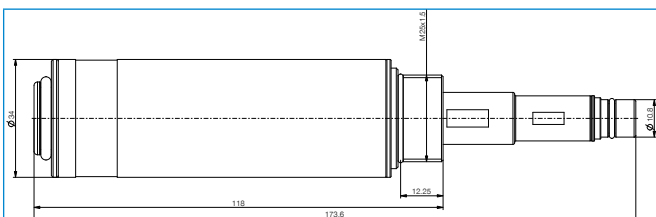
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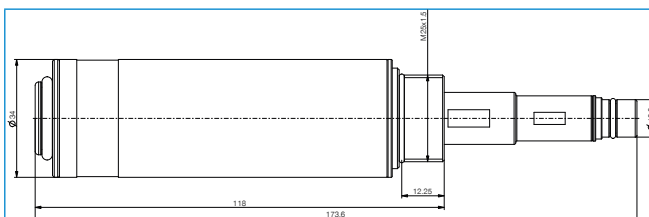
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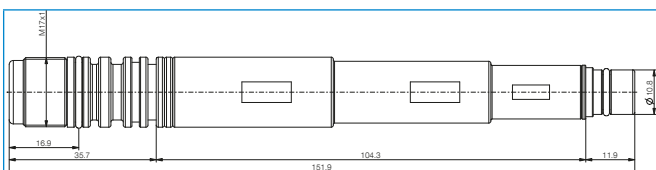
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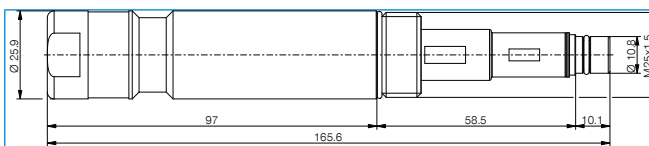
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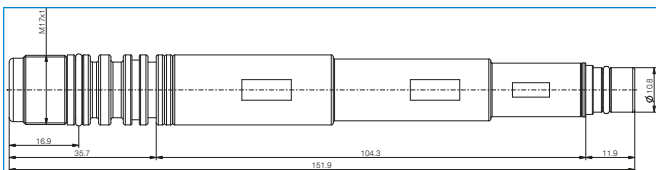
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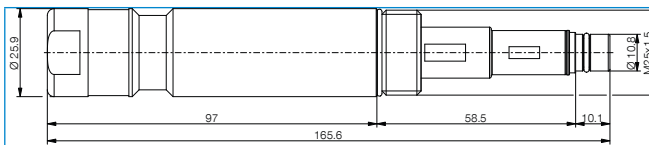
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ZVCL303-NRV



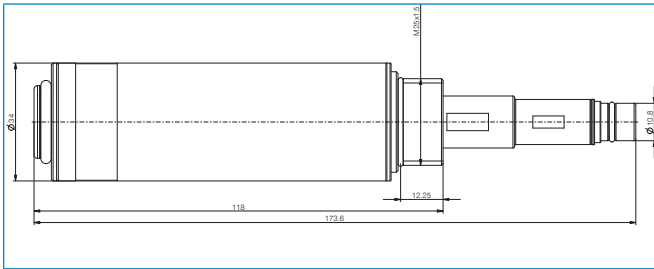
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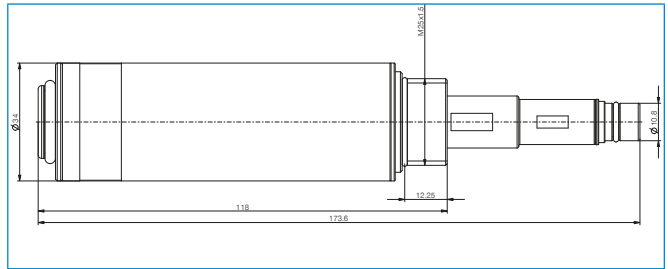
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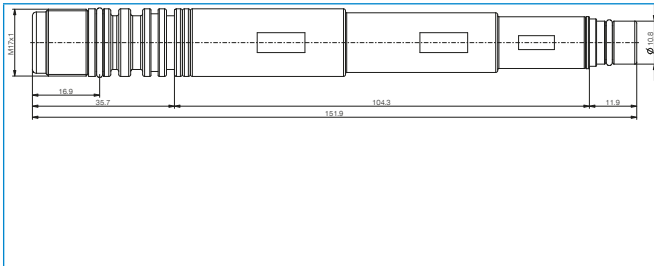
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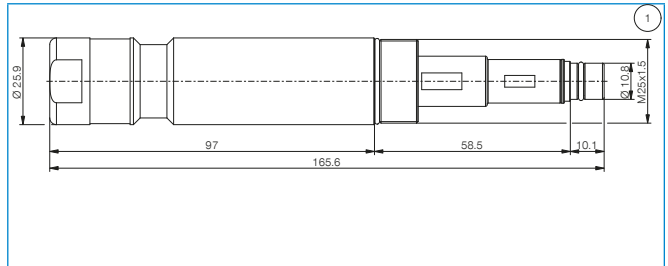
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ZVCX303

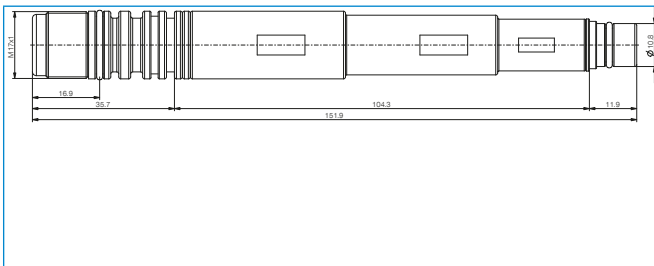


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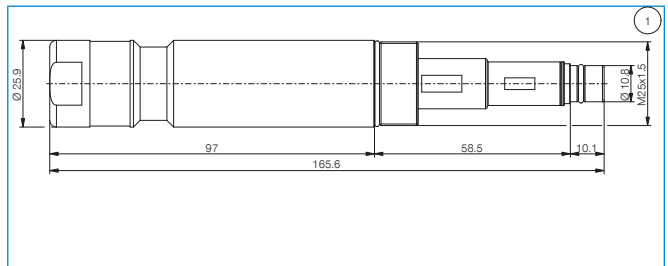


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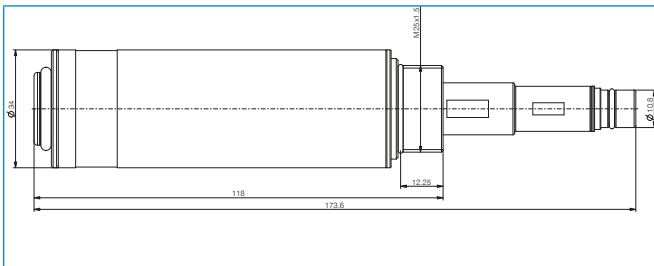
ZVCX303-NRV



ZVCX303-NRV-HP2M25



ZVCX303-NRV-TS1M25



ZVCX303-TS1M25

