VACUUM CARTRIDGE
SERIES ZVC | INSTALLATION SIZE ZVC302

▶ 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

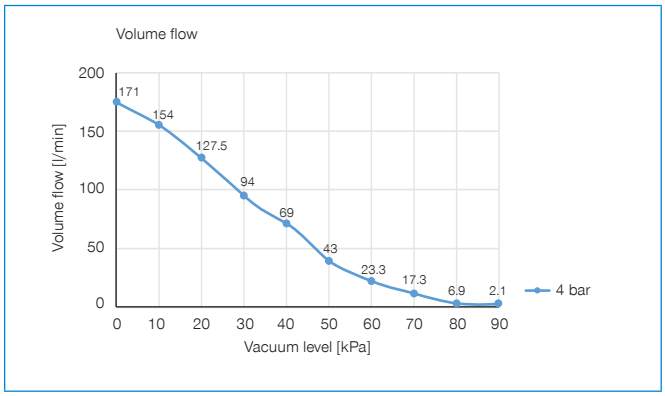
▶ TECHNICAL DATA

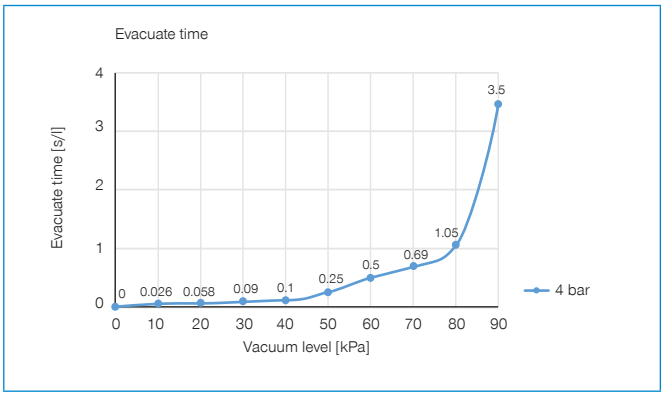
	▶ Technical data			
Order no.	**ZVC302**	**ZVC302-HP1M25**	**ZVC302-NRV**	**ZVC302-NRV-HP1M25**
Max. vacuum level [kPa]	-92	-92	-92	-92
Volume flow [l/min]	171	171	171	171
Digital vacuum switch	No	No	No	No
Air-saving function	No	No	No	No
Weight [kg]	0.013	0.044	0.013	0.044
Vacuum cartridge type	Midi	Midi	Midi	Midi
Number of stages of the vacuum cartridge	2	2	2	2
Fixing thread		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	No	No	Yes	Yes
Silencer	No	No	No	No
Vacuum filter	No	No	No	No
Mounting type		Retention cap		Retention cap
Operating pressure max. [bar]	7	7	7	7
Air consumption at 2.2 bar [l/min]	97	97	97	97
Air consumption at 4 bar [l/min]	152	152	152	152
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

	► Technical data			
Order no.	**ZVCL302**	**ZVCL302-HP1M25**	**ZVCL302-NRV**	**ZVCL302-NRV-HP1M25**
Max. vacuum level [kPa]	-75	-75	-75	-75
Volume flow [l/min]	200	200	200	200
Digital vacuum switch	No	No	No	No
Air-saving function	No	No	No	No
Weight [kg]	0.013	0.044	0.013	0.044
Vacuum cartridge type	Midi L-Type	Midi L-Type	Midi L-Type	Midi L-Type
Number of stages of the vacuum cartridge	2	2	2	2
Fixing thread		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	No	No	Yes	Yes
Silencer	No	No	No	No
Vacuum filter	No	No	No	No
Mounting type		Retention cap		Retention cap
Operating pressure max. [bar]	7	7	7	7
Air consumption at 4 bar [l/min]	70	70	70	70
Air consumption at 6 bar [l/min]	104	104	104	104
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

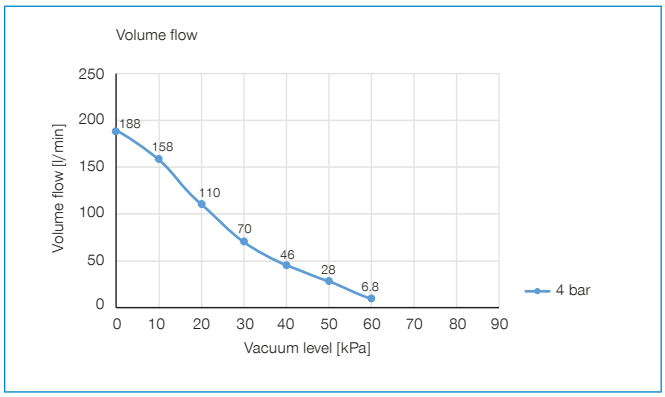
► DIAGRAMS

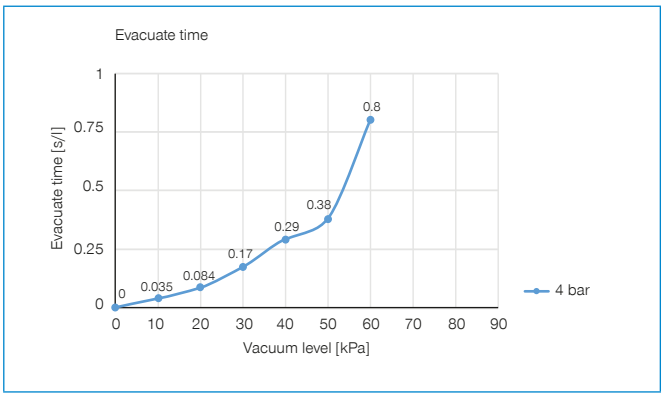
ZVC302





ZVCL302





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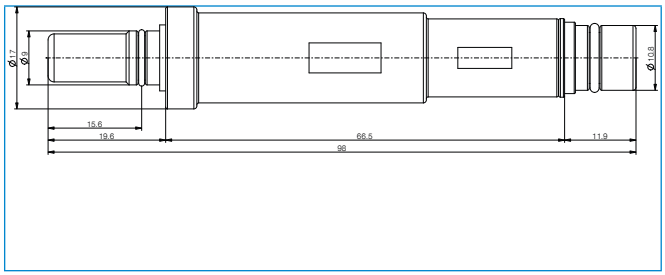
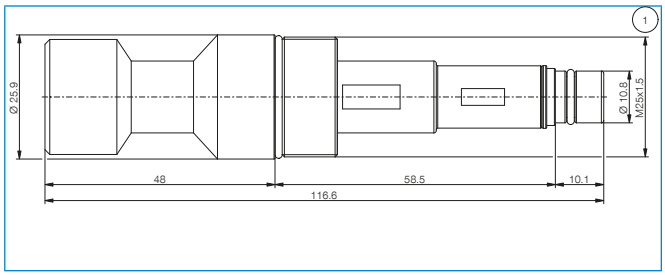
▶ TECHNICAL DRAWINGS

ZVC302

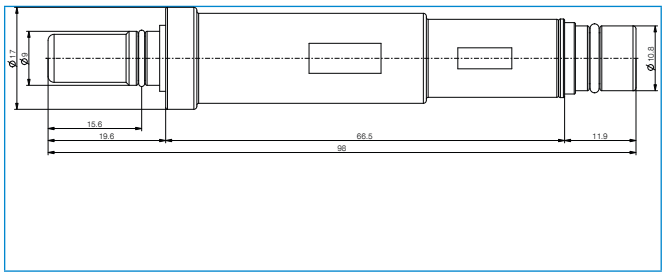


ZVC302-HP1M25



① Fixing

ZVC302-NRV



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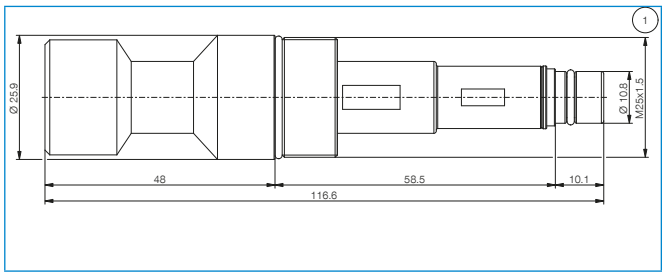

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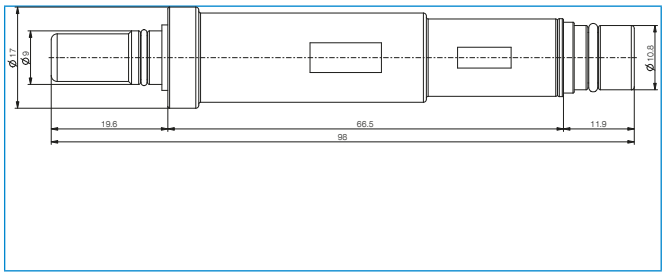

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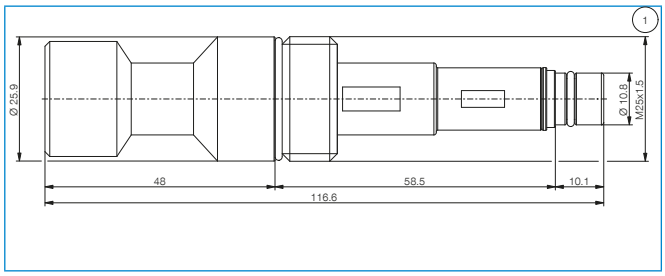
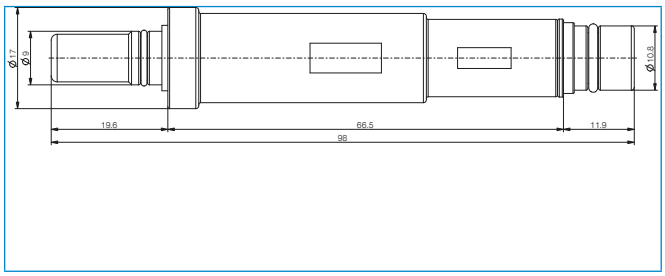
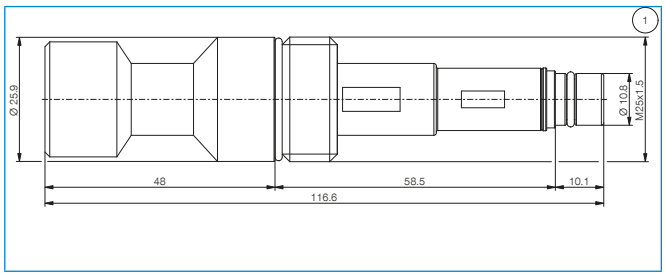


① Fixing

ZVCL302-NRV



ZVCL302-NRV-HP1M25