

## Features

- ◇ In the process of grabbing workpiece, it will not affect the whole vacuum system once suction cups do not suck the workpiece or the workpiece falls off after absorption.
- ◇ In above condition, the suction cups are isolated from vacuum system to make sure that the vacuum level and vacuum flow in the whole vacuum system are maintained. It is specific for gripping workpieces with varying sizes and shaped in a vacuum system.



## How to order

ZVR 05 - G1M

①      ②      ③

① Series	② Over flow port diameter	③ Suction cup connection thread
ZVR	04 - $\phi 0.4\text{mm}$	M5F - M5 Female thread
	05 - $\phi 0.5\text{mm}$	G1F - G1/8 Female thread
	06 - $\phi 0.6\text{mm}$	G2F - G1/4 Female thread
	10 - $\phi 1.0\text{mm}$	G3F - G3/8 Female thread
	12 - $\phi 1.2\text{mm}$	G4F - G1/2 Female thread
		M5M - M5 Male thread
		G1M - G1/8 Male thread
		G2M - G1/4 Male thread
		G3M - G3/8 Male thread
		G4M - G1/2 Male thread

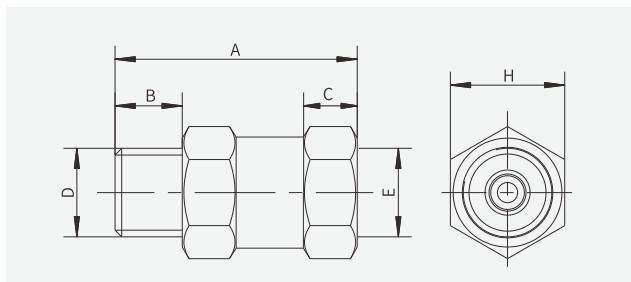
## Selection

Model	Connection thread	
	Female thread	Male thread
ZVR04	M5F	M5M
ZVR05	G1F	G1M
ZVR06	G2F	G2M
ZVR10	G3F	G3M
ZVR12	G4F	G4M

## Technical parameters

Model	Suction flow at -30kPa (NL/min)	Suction flow at -60kPa (NL/min)	Max.blow flow (NL/min)
ZVR04-M5	1.2	1.3	80
ZVR05-G1	2.3	2.5	310
ZVR06-G2	2.9	3.4	340
ZVR10-G3	7.3	8	590
ZVR12-G4	8.1	9	790

## Dimensions (mm)



Model/ Size	A	B	C	D	E	H
ZVR04-M5	20	4.5	5	M5	M5	8
ZVR05-G1	28	8	6	G1/8	G1/8	14
ZVR06-G2	36	10	8	G1/4	G1/4	17
ZVR10-G3	39	10	8	G3/8	G3/8	22
ZVR12-G4	41	12	9	G1/2	G1/2	27