

- Check valve that “traps” the vacuum pressure in vacuum systems for an indefinite period of time in sealed applications, such as when handling sheet metal or glass with suction cups
- The object can be handled with an extremely high degree of safety even if the supply of compressed air should be cut off, if a pump failure should occur or if the emergency stop should be activated, thus preventing the object from being dropped
- Equipped with a built-in blow-off valve to provide quick release of the object
- Available in a special version in which the vacuum pump and blow-off connections are interconnected (x-drilled), making it suitable for ejectors with integrated blow-off valve, such as PIAB’s AVM™ models



## Technical Specification

Description	Unit	Value						
		0109233	0111167	0110454	0109234	0110455	0111154	0109235
Temperature range	°C	-28-65	-10-150	-28-65	-28-65	-28-65	-28-65	-28-65
Weight	g	235	235	235	230	233	230	110
Extra		-	-	-	Vacuum detection G1/8" fem.	x-drilled vacuum/ blow-off	x-drilled vacuum/blow-off	
Vacuum flow, max.	NI/s	0.7	0.7	0.7	0.7	0.7	0.7	0.5
Sealing material		NBR	Viton			NBR		

## Vactrap™

### In-line Vacuum Trap

Code	D10	Model Number	Flow NI/s	Seal Material
0109233		VT-1A	0.7	NBR

### Technical Data

Description	Unit	Value
Feed pressure, max., blow-off	MPa	0.7
Feed pressure, min., breakaway blow-off	MPa	0.25
Material		AL, Steel, Ceramic

- To filter dust and other small particles from the vacuum flow
- Reduces the risk of operation breakdown or stoppage in the pump
- Replaceable filter element
- Available with special filter element with increased filter area

### Technical Data

Description	Unit	Value
Pressure range	MPa	-0.1-0 MPa
Material		PA, PC, PE
Temperature range	°C	-20-80Ceramic
Removal efficiency	µm	10



## Technical Specification

Description	Unit	Value				
		3116671	3116651	3116652	3116672	3116653
Weight	g	70	168	170	424	550
Flow nominal	NI/s	2.5	15	15	42	85
Volume internal	cm³	45	195	205	495	675
Filter area	m²	0.003	0.010	0.010	0.019	0.023

## Vacuum Filters

### In-line Vacuum Filter

Code	D10	Port Size	Flow NI/s	Volume cm³	Weight g
3116671		G3/8"	2.5	45	70
3116651		G1/2"	15	195	168
3116652		G3/4"	15	205	170
3116672		G1"	42	495	424
3116653		G1.1/2"	85	675	550

## Replacement Element

µm

Code	D10	To Suit Size	Weight g	Pack of
0128421		3/8"	14	3
0128423		1/2" & 3/4"	61	3
0128426		1"	95.1	3
0128428		1 1/2"	425	3