

VMECA VACUUM CARTRIDGE

VC302

Features and Strengths

- Two stage – VMECA midi cartridge
- High vacuum level (-92 kPa) at low air pressure
- Efficient air consumption with high vacuum level and vacuum flow
- International patent
- Reliable performance despite inconsistent compressed air pressure



Specifications

Description	VC302
Max. Vacuum level	-92 kPa
Open Vacuum flow	171 NI/min
Max. Feed pressure	7 bar
Temperature	-20 ~ 80 °C
Material	PPS, POM, NBR, AL(Holding plug)
Weight	12.29 g

Vacuum Flow

Model	Max. vacuum (-kPa)	Feed Pressure (bar)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
VC302	55	1.7	158	104	71	41.5	22.5	7.35	-	-	-	-
	75	2.2	164	122.5	88	53	31.4	28.5	16.5	4.6	-	-
	92	3	170	152	106	64	33	32	22	16.5	6.4	1.9
	92	4	171	154	127.5	94	69	43	23.3	17.3	6.9	2.1

Evacuation Time

Model	Feed Pressure (bar)	Air Consumption (NI/min)	Evacuation time in sec / liter to reach different vacuum levels (-kPa)								
			10	20	30	40	50	60	70	80	90
VC302	1.7	82	0.025	0.15	0.25	0.47	0.8	-	-	-	-
	2.2	97	0.03	0.12	0.21	0.38	0.47	0.73	1.62	-	-
	3	118	0.027	0.1	0.19	0.3	0.4	0.64	0.8	1.2	3.8
	4	152	0.026	0.058	0.09	0.1	0.25	0.5	0.69	1.05	3.5



Build an Ordering No.

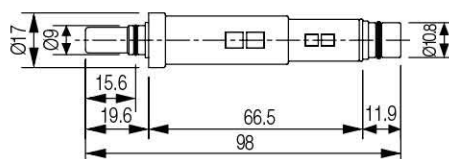
1. Cartridge	Description	Ordering No.
	Midi vacuum cartridge, 2-stage	VC302
	Midi vacuum cartridge, 2-stage, Non-return valve	VC302-N
	Midi vacuum cartridge, 2-stage, Holding plug	VC302P
	Midi vacuum cartridge, 2-stage, Holding plug, Non-return valve	VC302P-N

Spare Parts – Plug

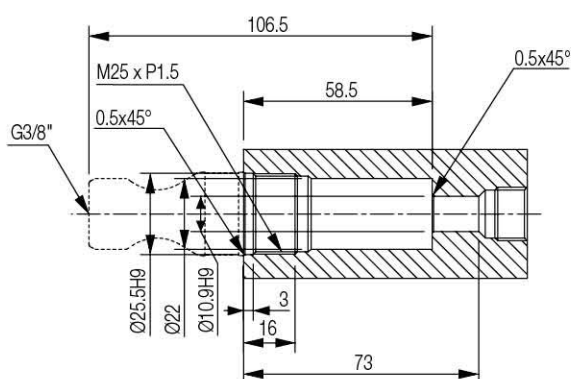
Model	Description	Weight (g)
VCP-M25-302	Holding plug	31.04

Dimension - Basic Pump

[Unit : mm]



VC302P



VC302P