

# COAX® cartridge MINI Xi10-3, extra non-return valve, holding cap silencer, vacuum filter, 0120776



- Three-stage COAX® cartridge - MINI.
- Includes a flow-through silencer and a built-in vacuum filter for harsh environments.
- High vacuum flow at deep vacuum levels to 94 - kPa.
- Quick response time when deep vacuum is needed.
- Suitable for handling sealed objects with high pick-up speed.
- Large vacuum flow in relation to energy consumption.

## General

Material	PA, PP, SS, Nitrile (NBR)
Temperature	-10 – 80 °C
Weight	12.5 g

## Performance

Feed pressure, max.	0.7 MPa
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## Vacuum flow

Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)											Max vacuum -kPa
		0	10	20	30	40	50	60	70	80	90		
0.45	0.42	1.39	0.64	0.46	0.28	0.19	0.15	0.11	0.07	0.043	0.003	92	
0.5	0.46	1.43	0.7	0.5	0.33	0.19	0.15	0.11	0.07	0.045	0.011	94	
0.6	0.54	1.45	0.79	0.53	0.42	0.3	0.16	0.11	0.08	0.041	0.01	93	

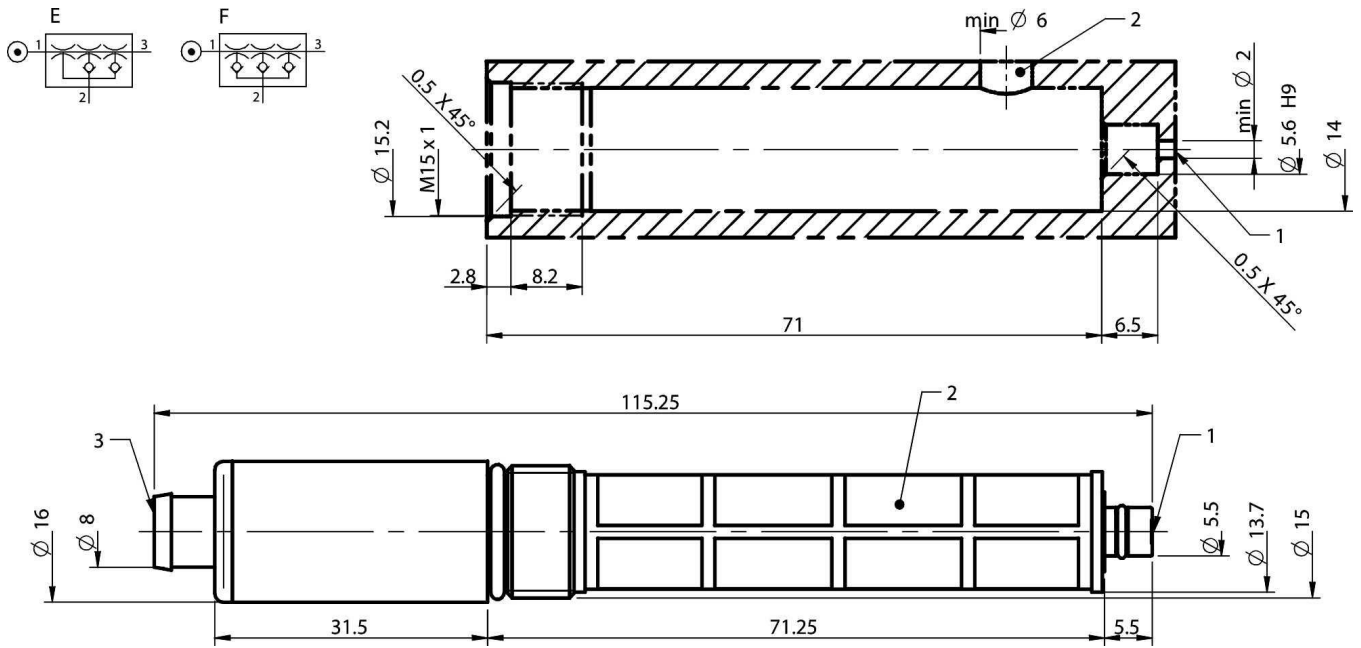
## Evacuation time

Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)										Max vacuum -kPa
		10	20	30	40	50	60	70	80	90		
0.45	0.42	0.1	0.28	0.55	1	1.5	2.2	3.4	5.2	9.5	92	
0.5	0.46	0.09	0.26	0.5	0.9	1.5	2.2	3.4	5.2	8.8	94	
0.6	0.54	0.09	0.24	0.45	0.7	1.2	1.9	3	4.7	8.6	93	

## Blow flow

Feed pressure MPa	Air consumption NI/s	Blow flow (NI/s) at different pressure levels (kPa)										Max pressure kPa
		0	10	20	30	40	50	60	70	80		
0.6	0.54	1.8	1.3	1.1	0.98	0.85	0.84	0.79	0.71	0.61	90	

## Dimensional drawings



Values specified in the data sheet are tested at:

Room temperature	(20°C [68°F] ± 3°C [5.5°F])
Standard atmosphere	(101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg])
Relative humidity	0-100%
Compressed air quality	DIN ISO 8573-1 class 4

## Accessories

	Item no.
Silencer COAX® MINI	0111977
Exhaust adapter	0106344