

# piCLASSIC Si32-3 x1 COAX® Cartridge

Article number: piCLASSIC\_Si32-3\_x1



- Patented COAX® technology inside – the most energy efficient ejector technology.
- The Si cartridge offers extra vacuum flow.
- Suitable for handling porous materials or if leakage is present.
- Large capacity range, available with 1 to 6 COAX® Si32 three-stage cartridges.
- Can be easily be upgraded with more capacity if needed.
- Low-weight, configurable and modular design.
- Easy disassembly for maintenance.

### Technical data

Description	Unit	Value
Material	-	Al, CuZn, NBR (FKM), PA, PUR, SS
Temperature, max.	°C	80
Temperature, min.	°C	-10
Weight, max.	g	550
Weight, min.	g	500
Feed pressure, max.	MPa	0.7
Noise level, max.	dBA	77
Noise level, min.	dBA	66
Feed pressure, optimum, min.	MPa	0.6
Volume, internal	cm³	140
Vacuum, max.	-kPa	75
Weight, silencer	g	92
Weight, vacuum gauge	g	50

### Performance

Feed pressure	Air consumption	Vacuum flow (NI/s) at different vacuum levels (-kPa)														Max vacuum
MPa	NI/s	0	10	20	30	40	50	60	70	75	80	90	95	99	kPa	
0.6	1.75	6	3.5	2.6	1.7	0.9	0.6	0.5	0.35	0	0	0	0	0	≥75	

  

Feed pressure	Air consumption	Evacuation time (s/l) to reach different vacuum levels (-kPa)														Max vacuum
MPa	NI/s	10	20	30	40	50	60	70	80	90	95	99	99.5	100.3	kPa	
0.6	1.75	0.02	0.05	0.1	0.18	0.33	0.53	0.8	0	0	0	0	0	0	≥75	

  

Feed pressure	Air consumption	Blow flow (NI/s) at different pressure levels (-kPa)														Max pressure	
MPa	NI/s	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	kPa
0.6	1.75	7.8	5.4	4.6	3.8	3.3	3.1	2.7	2.3	1.8	0	0	0	0	0	0	≥75

### Dimensional drawings

Values specified in this datasheet are tested at (unless otherwise stated):

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

### Tolerance and accuracy:

- Feed pressure tolerance ±0.02 MPa [2.9 psi]
- Vacuum flow/evacuation time accuracy ±10%.

### Accessories

0126362 | Silencer G3/4" with thread insert 1" - 3/4"