

Pump piBASIC



- COAX® patented technology
- Side mounted for low building heights
- High vacuum flow
- Compact size and low weight
- Modular design

Technical data

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Feed pressure, range	MPa	0.4-0.6
Vacuum range	-kPa	60-75
Noise level	dB(A)	69-77
Material		Al, PA, NBR, SS
Temperature range	°C	0-60

Technical data, specific

Description	Unit	Value			
		0126355	0126356	0126357	0126358
Air consumption, range	NI/s	5-7	10-14	20-28	26-37
Weight	kg	5.69	5.71	5.76	5.79

Vacuum flow piBASIC 100

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		
0.40	5	20.0	11.6	7.6	4.8	3.2	1.6	0.40	—	60	
0.50	6	22.8	13.2	8.8	5.6	3.4	2.5	1.4	0.72	70	
0.60	7	24.0	14.0	10.4	6.8	3.6	2.4	2.0	1.4	75	

*Feed pressure tolerance, +/- 0.01 MPa

Vacuum flow piBASIC 200

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		
0.40	10	40	23.2	15.2	9.6	6.4	3.2	0.80	—	60	
0.50	12	46	26	17.6	11.2	6.8	5.0	2.8	1.4	70	

0.60	14	48	28	20.8	13.6	7.2	4.8	4.0	2.8	75
*Feed pressure tolerance, +/- 0.01 MPa										

Vacuum flow piBASIC 400

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	
0.40	20	68	43	30	19.2	12.8	6.4	1.6	—	60
0.50	24	78	48	35	22.4	13.6	9.9	5.6	2.9	70
0.60	28	82	51	42	27	14.4	9.6	8.0	5.6	75
*Feed pressure tolerance, +/- 0.01 MPa										

Vacuum flow piBASIC 600

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	
0.40	26	89	56	40	25	16.8	8.4	2.1	—	60
0.50	32	96	61	46	29	17.9	13.0	7.4	3.8	70
0.60	37	101	65	55	36	18.9	12.6	10.5	7.4	75
*Feed pressure tolerance, +/- 0.01 MPa										

Ordering information

Description	Art. No.
Pump piBASIC100 Si32-3x4	0126355
Pump piBASIC200 Si32-3x8	0126356
Pump piBASIC400 Si32-3x16	0126357
Pump piBASIC600 Si32-3x21	0126358

