

M100L



- ▶ Medium vacuum levels to 90 -kPa
- ▶ Operates at only 0.34 MPa
- ▶ Good for handling porous materials or if leakage is present
- ▶ Energy-Saving (ES) available
- ▶ Available with connection plate in aluminium (AD) and composite PPS (D).

Supplied with a push-in connector for compressed air, through-flow silencer and mounting brackets (see Accessories).

TECHNICAL DATA

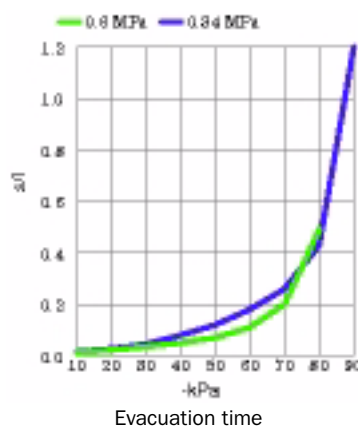
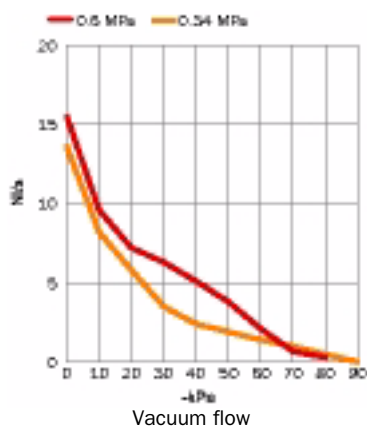
Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level	dBA	60-65
Temperature range	°C	-20-80
Weight	g	800-900
Material		Al, PPS, SS, NBR

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		
0.60	12.0	15.5	9.6	7.2	6.3	5.1	3.8	2.1	0.67	0.29			89
0.34	7.5	13.6	8.2	5.8	3.5	2.4	1.9	1.4	1.0	0.48	0.010		91

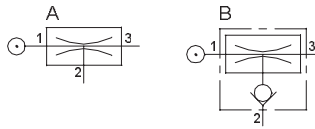
EVACUATION TIME

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		
0.60	12.0	0.011	0.022	0.035	0.050	0.070	0.11	0.20	0.49			89
0.34	7.5	0.015	0.027	0.045	0.080	0.12	0.18	0.26	0.43	1.2		91

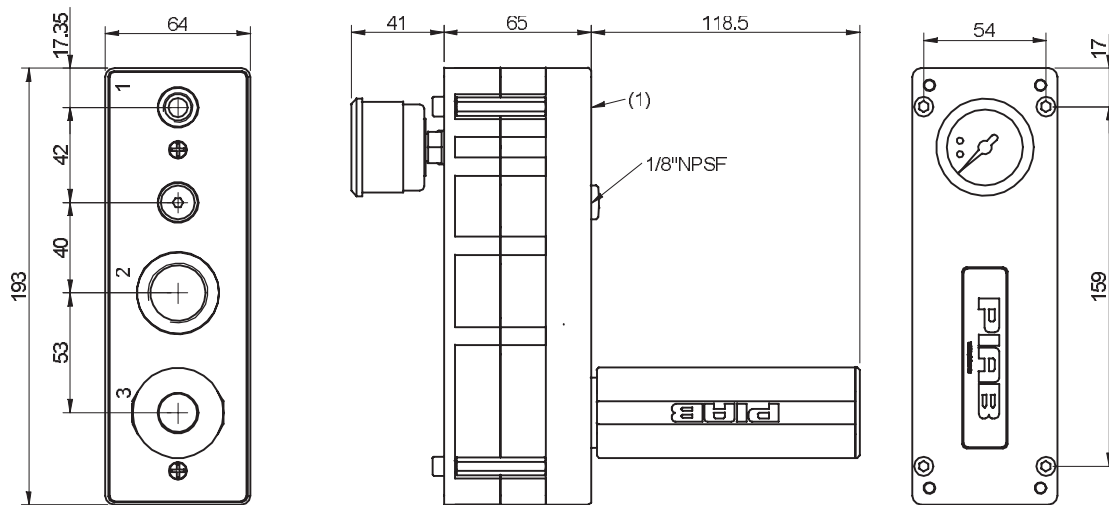


ORDERING INFORMATION

Description	Art. No.
A Vacuum pump CLASSIC M100L, conn. AD, NBR sealings	0102137
A Vacuum pump CLASSIC M100L, conn. D, NBR sealings	0102035
A Vacuum pump CLASSIC M100L, conn. D, Viton® sealings	0106736
B Vacuum pump CLASSIC M100L, conn. AD, NBR sealings, non-return valve	0102138



	1	2	3
D	1/8"NPSF	3/4"	3/4"
AD	G1/4"	3/4"	3/4"
E	1/4"NPT	3/4"NPT	3/4"NPT



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Sealing kit CLASSIC, NBR	3201069
Sealing kit CLASSIC, Viton®	3201069V
Sealing kit CLASSIC, EPDM	3201069E
ES-kit CLASSIC, G1/8"-G1/4"	0103109

Sealing kits include flap valves, gaskets and compressed-air filters.

Vacuum pumps
CLASSIC