

MLL200



- ▶ Largest compressed-air driven pump in the market
- ▶ Energy-saving (ES) available

Supplied with built-in silencer, on-off valve, vacuum gauge and pilot control facility.

TECHNICAL DATA

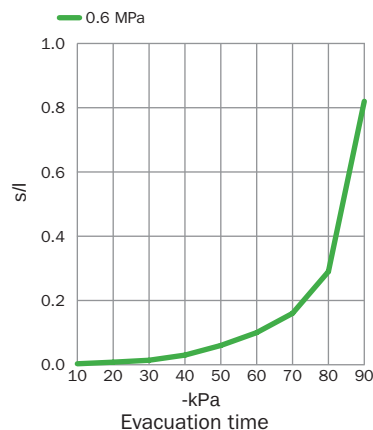
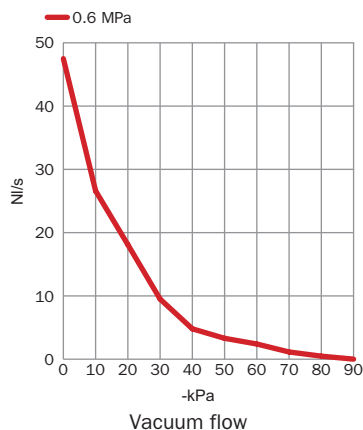
Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level	dBA	72–76
Temperature range	°C	-20–80
Weight	g	4900–5300
Material		Al, PPS, NBR, SS

VACUUM FLOW

Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)											Max vacuum -kPa
0.60	14.0	48	27	18.1	9.5	4.8	3.3	2.4	1.1	0.48	0.010		91

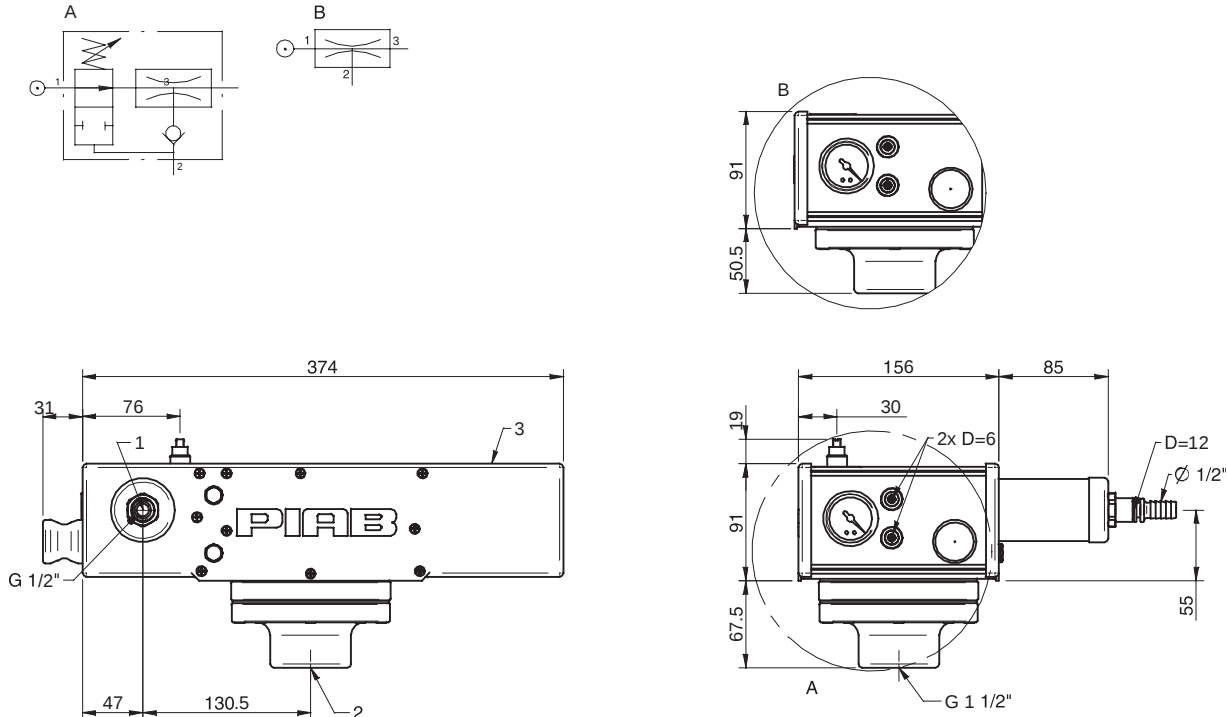
EVACUATION TIME

Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)										Max vacuum -kPa
0.60	14.0	10	20	30	40	50	60	70	80	90		91
		0.003	0.008	0.014	0.030	0.060	0.10	0.16	0.29	0.82		



ORDERING INFORMATION

	Description	Art. No.
A	Vacuum pump MAXI MLL200, NBR sealings, ES	0100741
B	Vacuum pump MAXI MLL200, NBR sealings	3101056



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Sealing kit MAXI MLL200–400, NBR	3101091
Sealing kit MAXI MLL200–400, Viton®	3101091V
Sealing kit MAXI MLL200–400, EPDM	3101091E

The sealing kits include flap valves and gaskets.

MLL400



- ▶ Largest compressed-air driven pump in the market
- ▶ Energy-saving (ES) available

Supplied with built-in silencer, on-off valve, vacuum gauge and pilot control facility.

TECHNICAL DATA

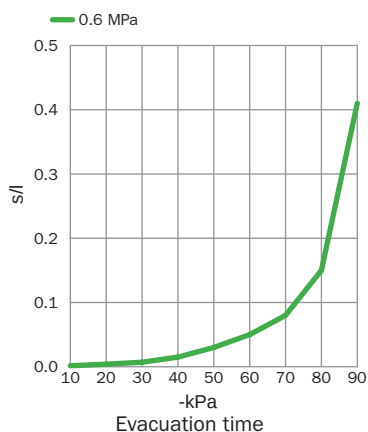
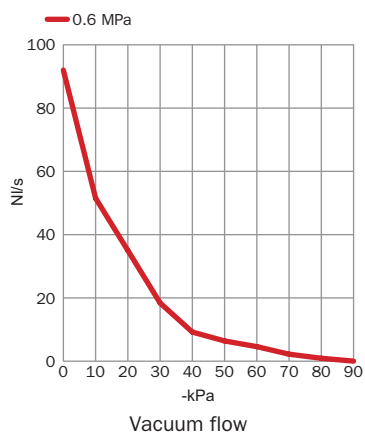
Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level	dBA	72–76
Temperature range	°C	-20–80
Weight	g	5000–5400
Material		Al, PPS, NBR, SS

VACUUM FLOW

Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)											Max vacuum -kPa
0.60	28	92	52	35	18.4	9.2	6.4	4.6	2.2	0.92	0.020		91

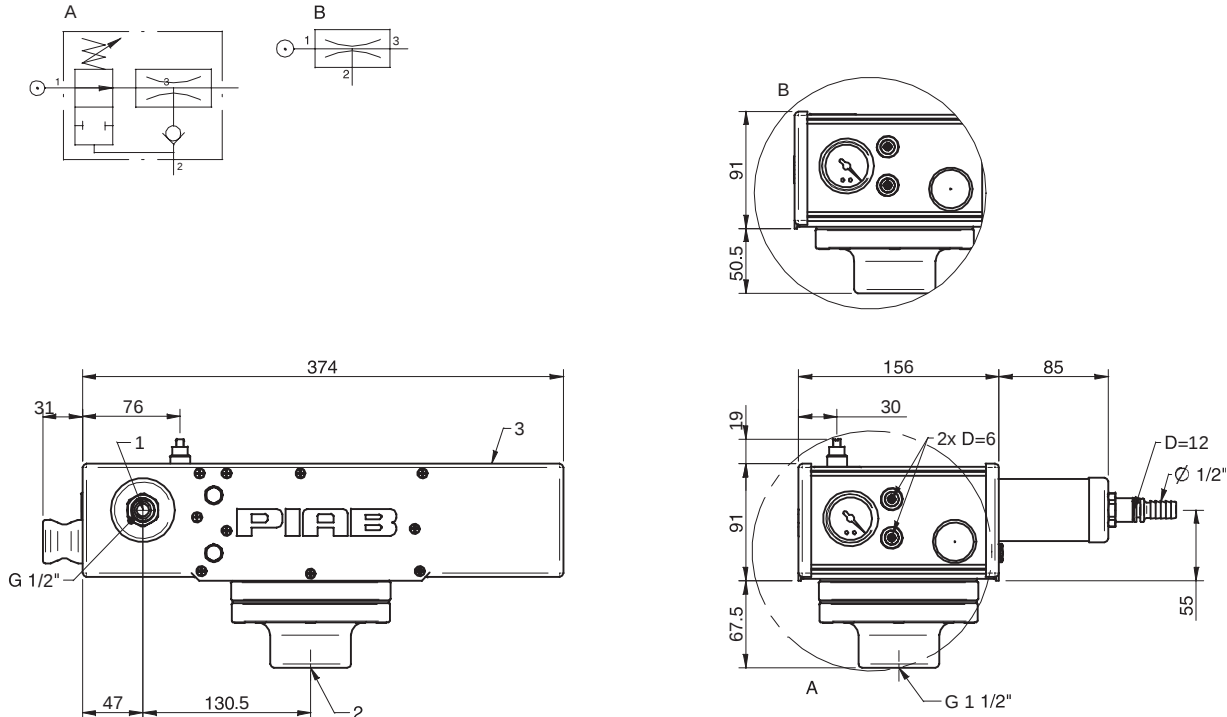
EVACUATION TIME

Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)										Max vacuum -kPa
0.60	28	10	20	30	40	50	60	70	80	90		91
		0.0015	0.004	0.007	0.015	0.030	0.050	0.080	0.15	0.41		



ORDERING INFORMATION

	Description	Art. No.
A	Vacuum pump MAXI MLL400, NBR sealings, ES	0100742
B	Vacuum pump MAXI MLL400, NBR sealings	3101057



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Sealing kit MAXI MLL200–400, NBR	3101091
Sealing kit MAXI MLL200–400, Viton®	3101091V
Sealing kit MAXI MLL200–400, EPDM	3101091E

The sealing kits include flap valves and gaskets.

MLL800



- ▶ Largest compressed-air driven pump in the market
- ▶ Energy-saving (ES) available

Supplied with built-in silencer, on-off valve, vacuum gauge and pilot control facility.

TECHNICAL DATA

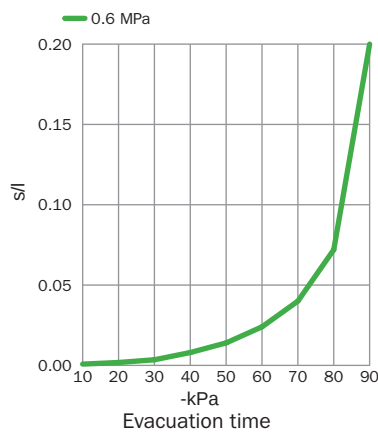
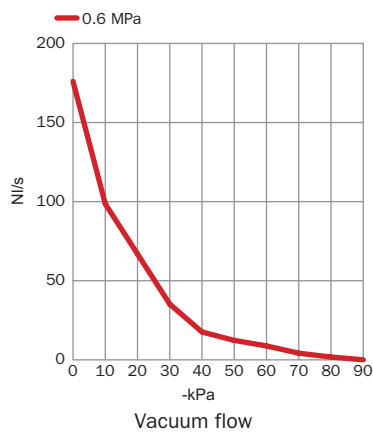
Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level	dBA	72–76
Temperature range	°C	-20–80
Weight	g	7700–8400
Material		Al, PPS, NBR, SS

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	56	176	99	67	35	17.6	12.3	8.8	4.2	1.8	0.040	91

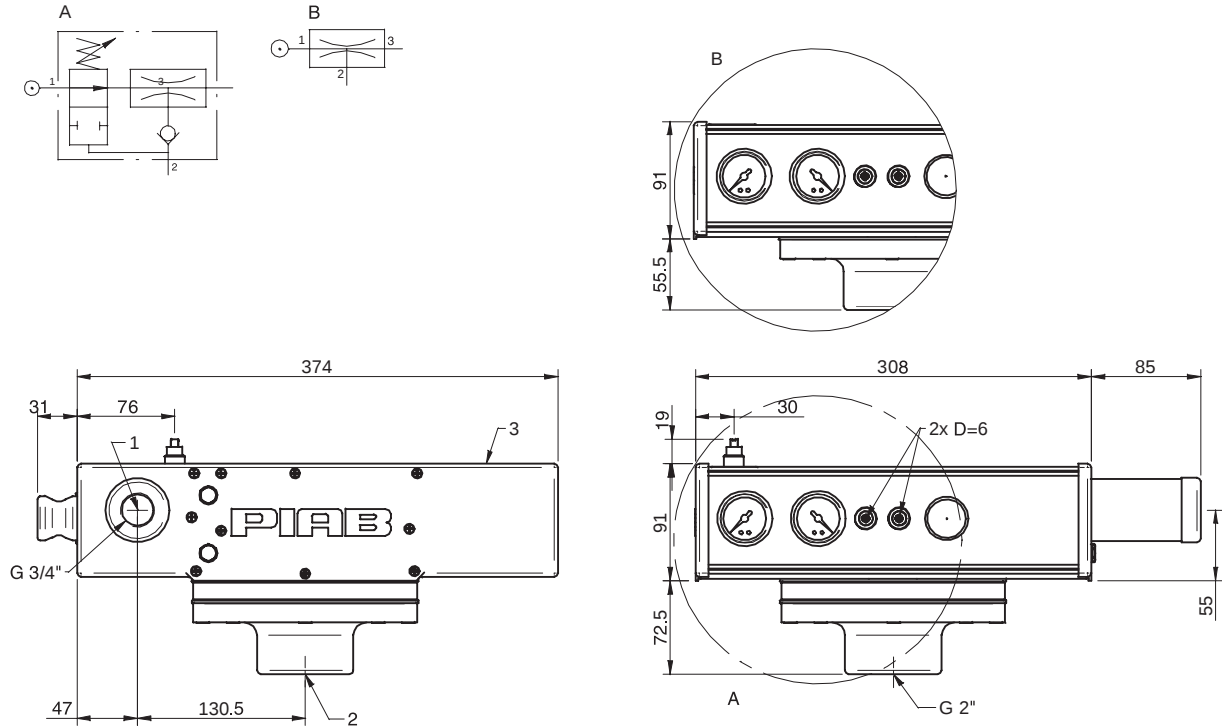
EVACUATION TIME

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	-kPa
0.60	56	0.0008	0.0018	0.0035	0.008	0.014	0.024	0.040	0.072	0.2	91



ORDERING INFORMATION

	Description	Art. No.
A	Vacuum pump MAXI MLL800, NBR sealings, ES	0100743
B	Vacuum pump MAXI MLL800, NBR sealings	3101058



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Sealing kit MAXI MLL800, NBR	3101092
Sealing kit MAXI MLL800, Viton®	3101092V
Sealing kit MAXI MLL800, EPDM	3101092E

The sealing kits include flap valves and gaskets.

MLL1200



- ▶ Largest compressed-air driven pump in the market
- ▶ Energy-saving (ES) available

Supplied with built-in silencer, on-off valve, vacuum gauge and pilot control facility.

TECHNICAL DATA

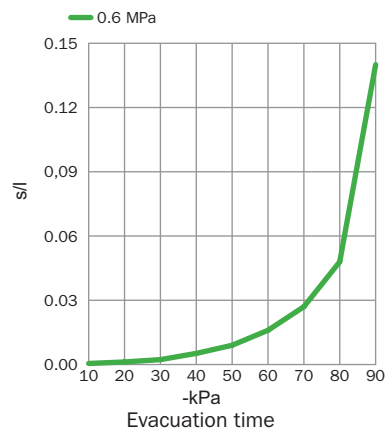
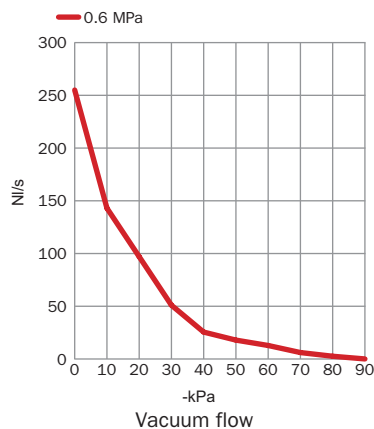
Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level	dBA	72–76
Temperature range	°C	-20–80
Weight	g	9000–9900
Material		Al, PPS, NBR, SS

VACUUM FLOW

Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)											Max vacuum -kPa
0.60	84	0	10	20	30	40	50	60	70	80	90		91
		255	143	97	51	26	17.9	12.8	6.1	2.6	0.050		

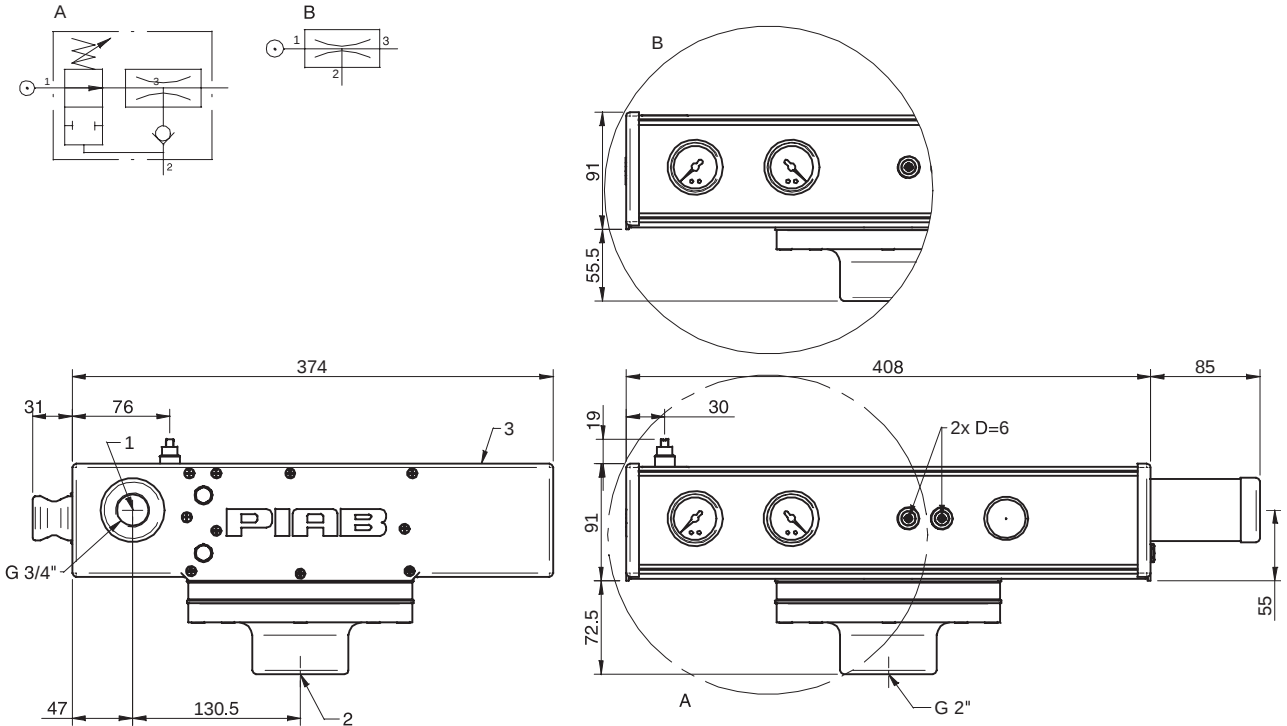
EVACUATION TIME

Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)										Max vacuum -kPa
0.60	84	10	20	30	40	50	60	70	80	90		91
		0.0005	0.0012	0.0023	0.0052	0.009	0.016	0.027	0.048	0.14		



ORDERING INFORMATION

	Description	Art. No.
A	Vacuum pump MAXI MLL1200, NBR sealings, ES	0100744
B	Vacuum pump MAXI MLL1200, NBR sealings	3101059



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Sealing kit MAXI MLL1200, NBR	3101099
Sealing kit MAXI MLL1200, Viton®	3101099V
Sealing kit MAXI MLL1200, EPDM	3101099E

The sealing kits include flap valves and gaskets.

CENTRAL EXHAUST



- ▶ Central exhaust is used when an external silencer is desired or if a tube/hose is to be connected for removing the exhaust.
- ▶ Suitable for vacuum pumps MAXI.

TECHNICAL DATA

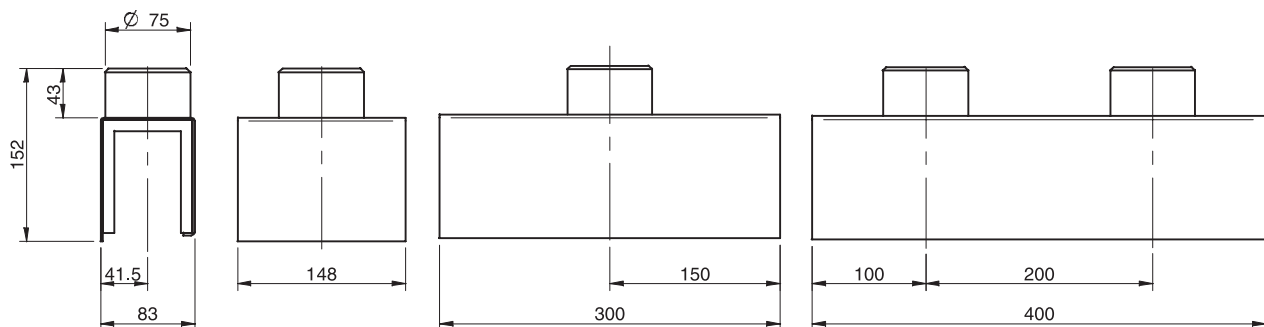
Description	Value
Material	Al, NBR, PE

TECHNICAL DATA, SPECIFIC

Description	Unit	3116017	Value 3116018	3116054
Weight	g	490	900	1720

ORDERING INFORMATION

Description	Art. No.
Central exhaust MLL200–400	3116017
Central exhaust MLL800	3116018
Central exhaust MLL1200	3116054



NON-RETURN VALVE



- Suitable for vacuum pumps MAXI.
- To be used together with energy-saving system.

TECHNICAL DATA

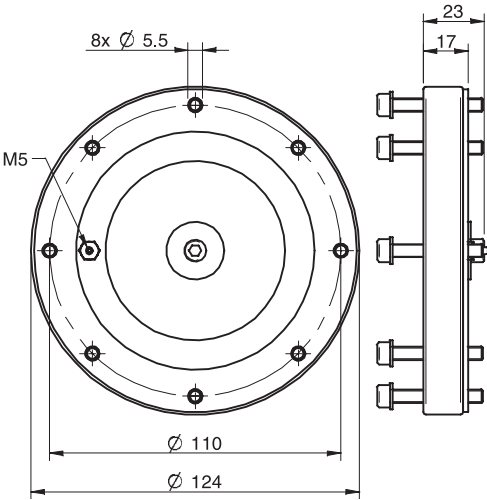
Description	Value
Material	Al, NBR, Cr, SS, CuZn, PA

TECHNICAL DATA, SPECIFIC

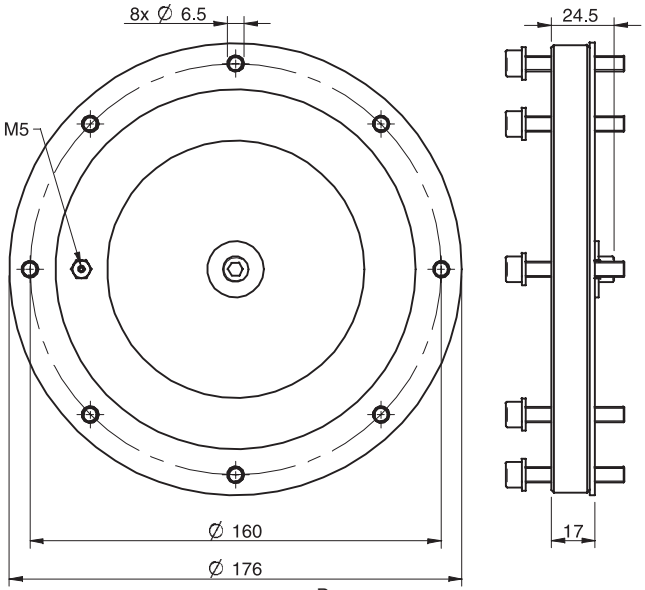
Description	Unit	3116007	3116008
Weight	g	490	970

ORDERING INFORMATION

	Description	Art. No.
A	Non-return valve MLL200-400	3116007
B	Non-return valve MLL800-1200	3116008



A



B

MOUNTING BRACKETS



- ▶ Corrosion-resistant material
- ▶ Included as a set (2 pieces) with each vacuum pump

TECHNICAL DATA

Description	Unit	0100505	Value	0103599
Weight	g	17		210
Material		SS 2333		Al SS4120-14

ORDERING INFORMATION

	Description	Art. No.
A	Mounting brackets CLASSIC	0100505
B	Mounting brackets CLASSIC MP	0103599

