

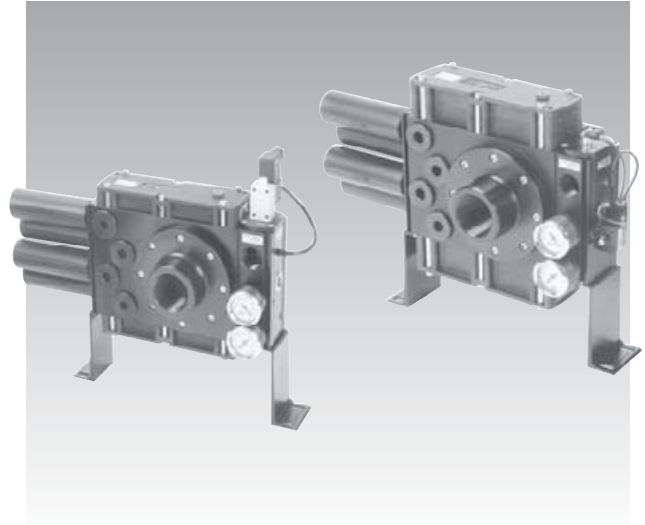
M – Maxflex pump

Max.vacuum level	: -92kpa (-690mmHg)
Max.Flow rate	: 11000NI/m (660m³/hr)
Supply air pressure	: 4-6bar Max, 7bar
Supply air type	: Dry compressed air
Working temperature	: -20°C to +80°C
Noise level	: 55-68dBA

Main advantages

This range of M-Maxflex pumps produces the very highest flow rates, as the name denotes all the pumps uses a large bore common vacuum port with port sizes up to 2" BSP. This type of pump has many applications but is particularly useful for high leakage systems, porous materials centerising vacuum system and large vacuum circuits.

The pumps are based around a manifold design and utilize an integrally mounted large bore air supply on/off valve as option. The pumps also come with vacuum and air pressure gauges with two options for positioning of the exhausts, mounting brackets are also supplied. Air saving kits and VITON® & EPDM seals options are also available with this pump.



Order no.

VTMM200EF - AS - A3 - S2 - N V



① **Model** – Capacity equivalent to electricity motor pump size

• VTMM200EF – 2KW
VTMM300EF – 3KW
VTMM400EF – 4KW
VTMM500EF – 5KW
VTMM600EF – 6KW
VTMM800EF – 8KW
VTMM1000EF – 10KW

③ **Air supply control valve**

No mark – Without control valve
A1 – AC110V Electrically operated valve
A2 – AC220V Electrically operated valve
• A3 – DC24V Electrically operated valve
A4 – Pneumatically operated valve

⑤ **Non return valve**

No mark – Standard
• N – Non return valve

② **Air saving kit**

No mark – Standard
• AS – Air saving kit attach

④ **Vacuum Switch**

• S2(P) – Digital display output 2points, No analog supply
S3(P) – Digital display output 2points, analog supply

※ Remark : S...(P)
 Output type : PNP open collector

⑥ **Sealing**

No mark – Standard (NBR)
• V – Viton®
E – EPDM

Characteristics

Model	max. vacuum -kPa(-mmHg)	Max. vacuum flow (l/m)	air consumption (l/m)	noise level (dBA)	weight (g)	min hose inner Ø (within 2m)		
						air supply	vacuum	exhaust
VTMM200EF	92 (690)	2200	600-780	55~65	4270	>10	>32	>40
VTMM300EF		3300	900-1260	55~65	5584	>12	>40	>60
VTMM400EF		4400	1200-1680	55~65	5939	>12	>40	>60
VTMM500EF		5500	1500-2100	65~68	6275	>14	>45	>70
VTMM600EF		6600	1800-2520	65~68	11579	>14	>50	>70
VTMM800EF		8800	2400-3360	65~68	12300	>15	>50	>75
VTMM1000EF		11000	3000-4140	65~68	15800	>18	>65	>90

Induce air in liters per minute (l/m)

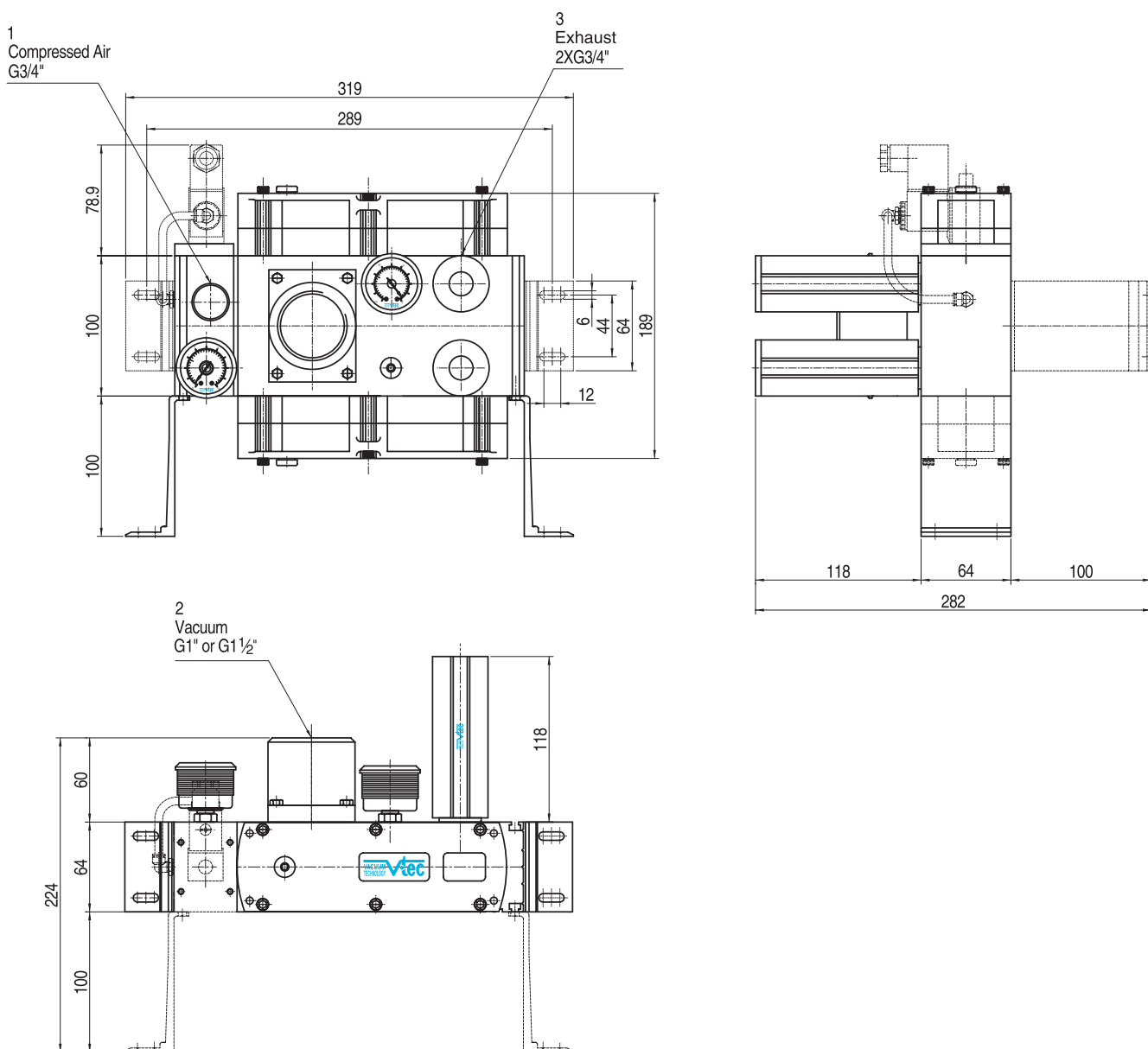
Model \ -mmHg -kPa	0	75	150	225	300	375	450	525	600	675
	0	10	20	30	40	50	60	70	80	90
VTMM200EF	2200	1540	1016	528	290	216	144	80	40	6.4
VTMM300EF	3300	2310	1781	793	435	324	216	120	60	9.6
VTMM400EF	4400	3080	2036	1058	580	432	288	160	80	12.8
VTMM500EF	5500	3850	2545	1323	725	540	360	200	100	16
VTMM600EF	6600	4620	3055	1588	870	648	432	240	120	19.2
VTMM800EF	8800	6164	4076	2119	1160	864	576	320	160	25.6
VTMM1000EF	11000	7700	5090	2646	1450	1080	720	400	200	32

Time in seconds to evacuate to vacuum level (sec/l)

Model \ -mmHg -kPa	75	150	225	300	375	450	525	600	675
	10	20	30	40	50	60	70	80	90
VTMM200EF	0,0031	0,0075	0,0164	0,029	0,054	0,09	0,153	0,274	0,67
VTMM300EF	0,0023	0,0056	0,0123	0,022	0,041	0,068	0,115	0,206	0,503
VTMM400EF	0,0015	0,0038	0,0082	0,014	0,027	0,045	0,076	0,137	0,335
VTMM500EF	0,0013	0,0033	0,0072	0,013	0,024	0,04	0,067	0,120	0,294
VTMM600EF	0,0012	0,0028	0,0062	0,011	0,021	0,034	0,057	0,103	0,252
VTMM800EF	0,0008	0,0019	0,0041	0,007	0,014	0,022	0,038	0,068	0,168
VTMM1000EF	0,0007	0,0016	0,0036	0,006	0,012	0,018	0,031	0,057	0,147

Dimensional Information

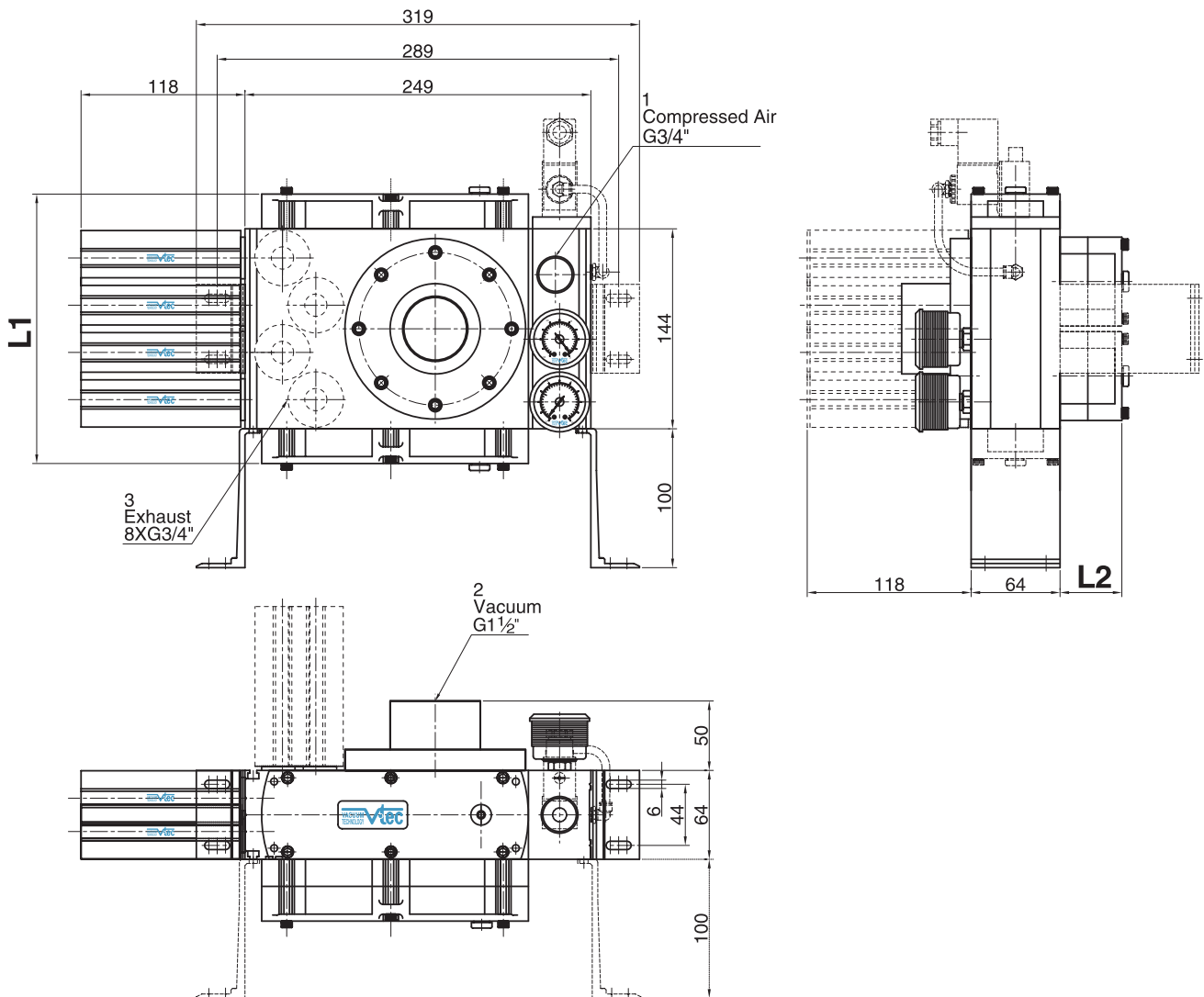
VTMM200EF



Dimensional Information

VTMM300EF

400
500

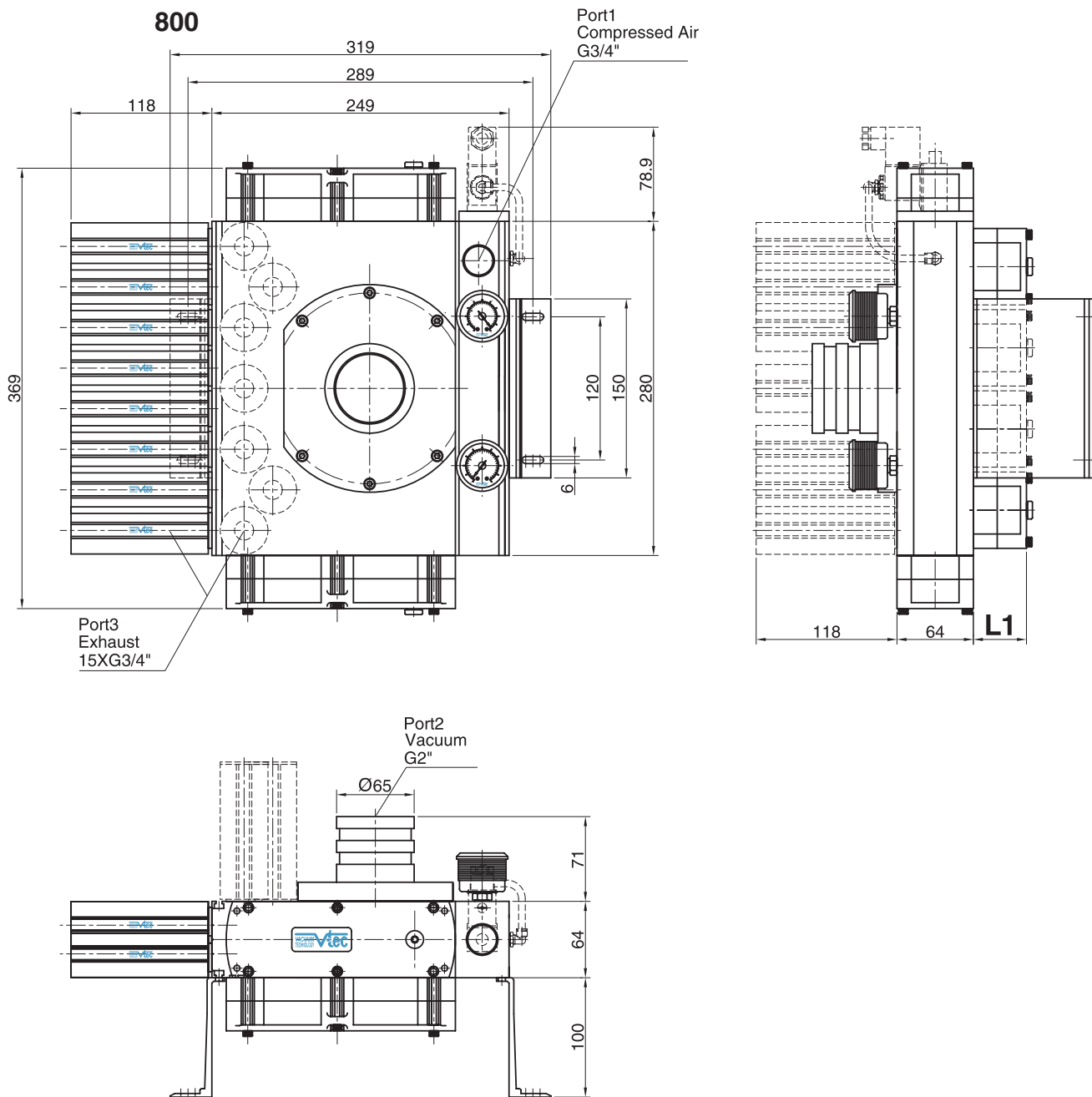


(mm)

Model	L1	L2
VTMM300-EF	194	44.5
VTMM400-EF	233	44.5
VTMM500-EF	233	64.5

Dimensional Information

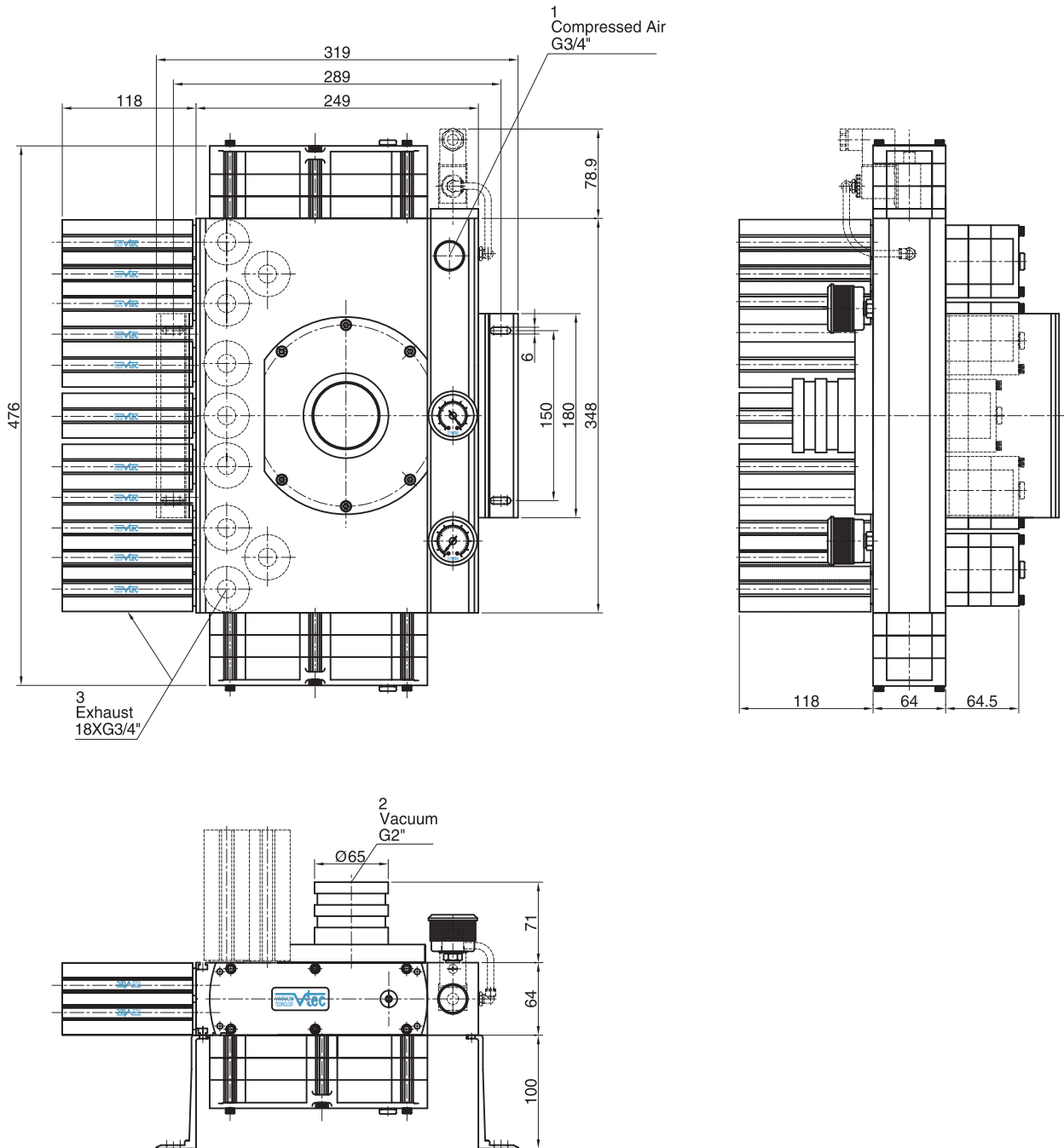
VTMM600EF



Model	L1 (mm)
VTMM600-EF	44.5
VTMM800-EF	64

Dimensional Information

VTMM1000EF



VACUUM PUMP