

VACUUM PUMPS / Turtle pumps – Mega series

VTC3122 / VTCL3122

Features and Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated pleated filter with high dirt capacity & Auto-cleaning system
- Optional Air-Saving Kit available to minimize energy consumption
- Quick response time
- Patented design



Specifications

Description	VTC3122	VTCL3122
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	342 NI/min	400 NI/min
Max. Feed pressure	7 bar	7 bar
Temperature	-20 ~ 80 °C	-20 ~ 80 °C
Noise level	50 ~ 60 dbA	50 ~ 60 dbA
Weight	933 g	933 g

Vacuum Flow

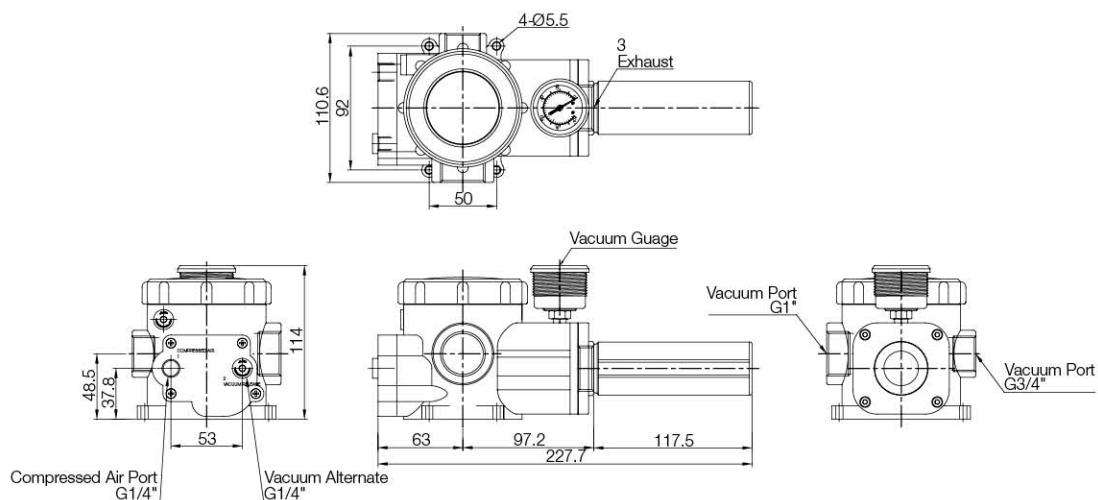
Model	Max. vacuum (-kPa)	Feed Pressure (bar)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
VTC3122	75	2.2	328	245	176	106	62.8	57	33	9.2	-	-
	92	3.0	340	304	212	128	66	64	44	33	12.8	3.8
	92	4.0	342	308	255	188	138	86	46.6	34.6	13.8	4.2
VTCL3122	60	4.0	376	316	220	140	92	56	13.6	-	-	-
	70	5.0	390	352	260	164	100	75	46	23.8	-	-
	75	6.0	400	366	308	200	104	76	64	44	-	-

Evacuation Time

Model	Feed Pressure (bar)	Air Consumption (NI/min)	Evacuation time in sec / liter to reach different vacuum levels (-kPa)								
			10	20	30	40	50	60	70	80	90
VTC3122	2.2	194	0.018	0.065	0.108	0.2	0.25	0.395	0.81	-	-
	3.0	236	0.016	0.05	0.07	0.16	0.23	0.34	0.5	0.795	2.01
	4.0	304	0.014	0.029	0.043	0.05	0.13	0.25	0.355	0.71	1.75
VTCL3122	4.0	140	0.018	0.04	0.08	0.145	0.195	0.5	-	-	-
	5.0	170	0.014	0.036	0.075	0.125	0.15	0.2	0.4	-	-
	6.0	208	0.013	0.032	0.06	0.1	0.155	0.18	0.35	-	-

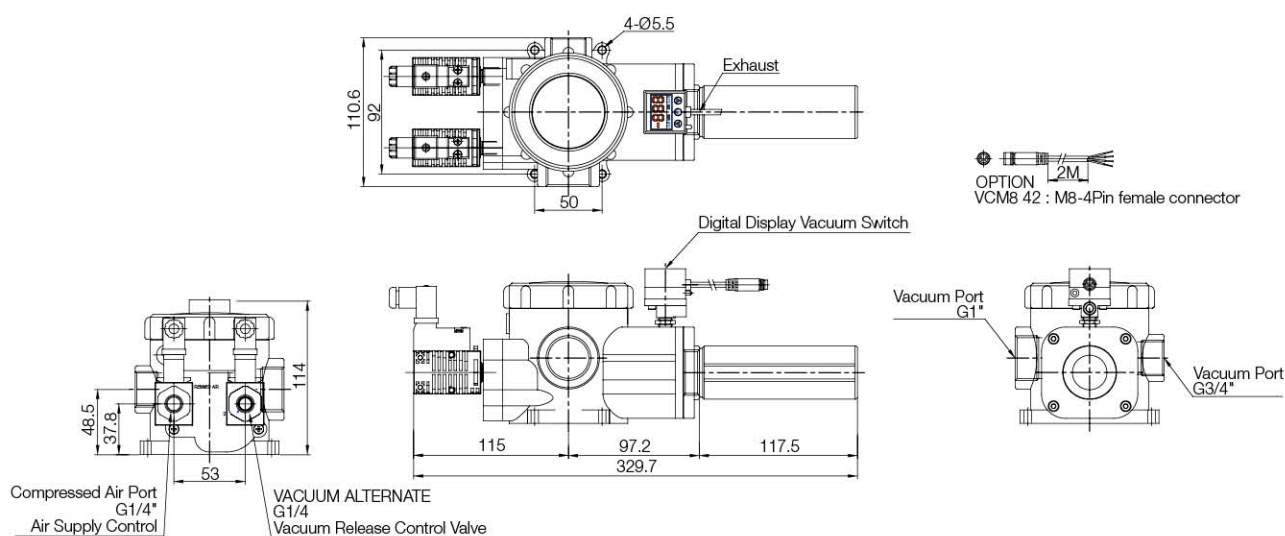
Dimension – Basic Pump

[Unit : mm]



Dimensions – with Accessories

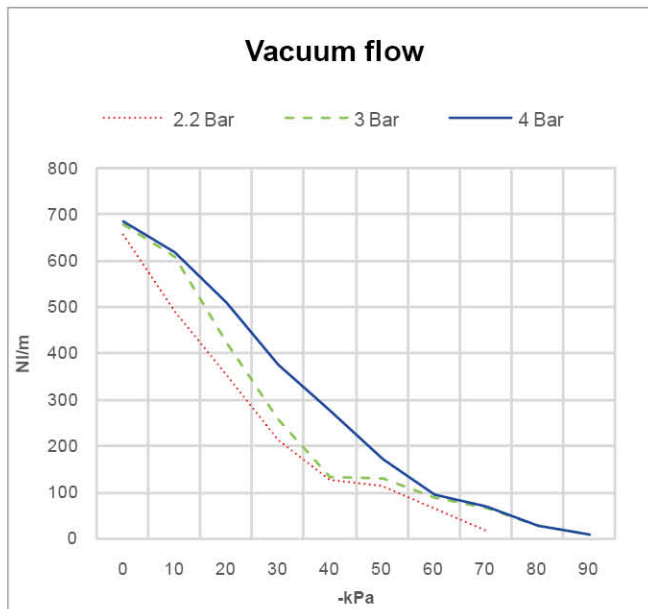
[Unit : mm]



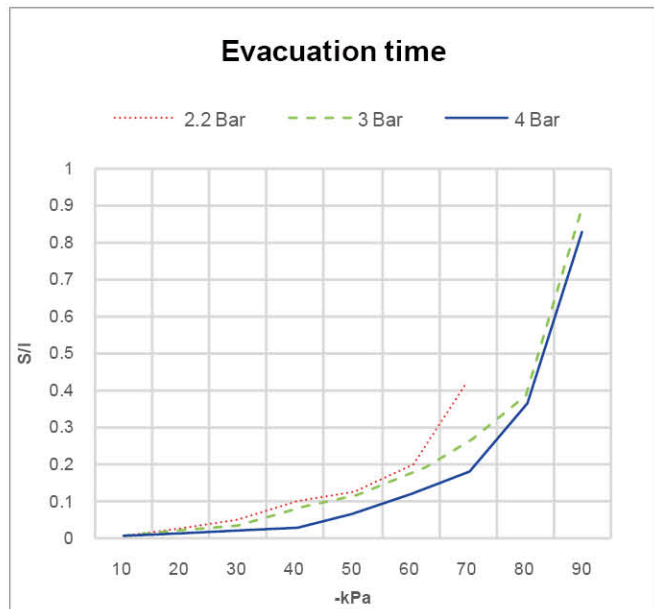
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Performance data

VTC3124

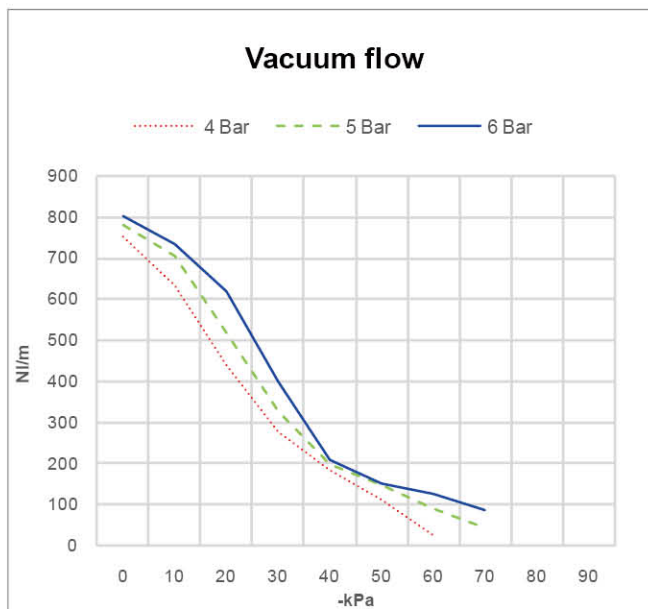


※ Vacuum flow at different vacuum level

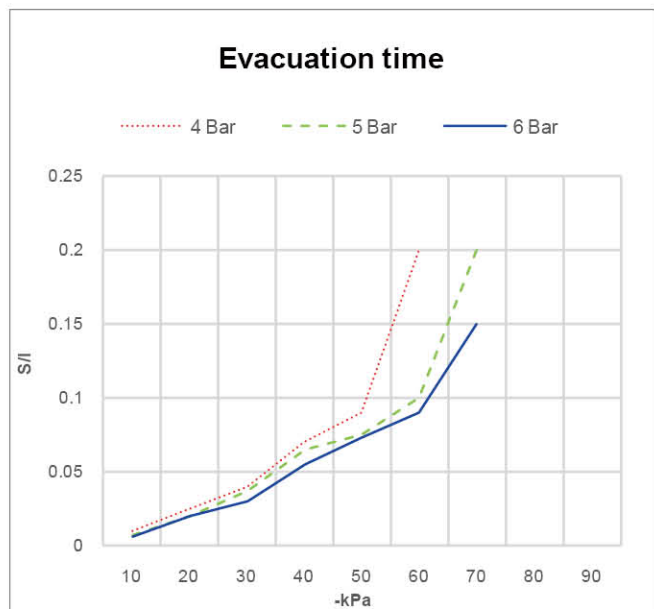


※ Time to evacuate a volume at different vacuum level

VTCL3124



※ Vacuum flow at different vacuum level

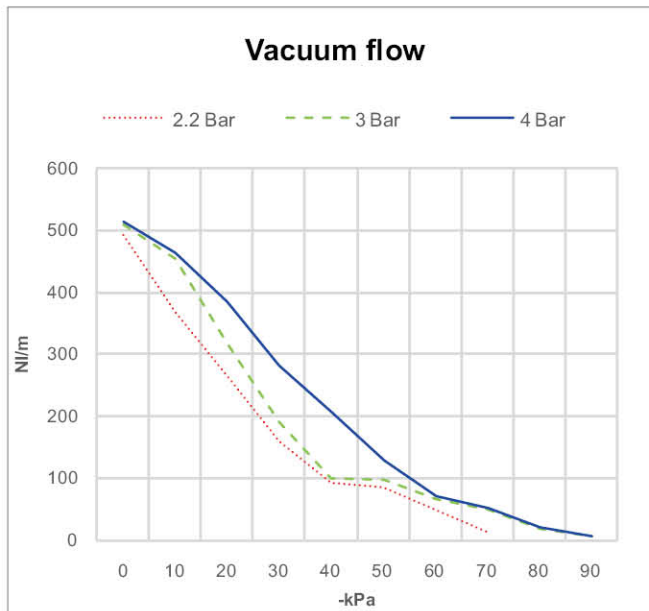


※ Time to evacuate a volume at different vacuum level

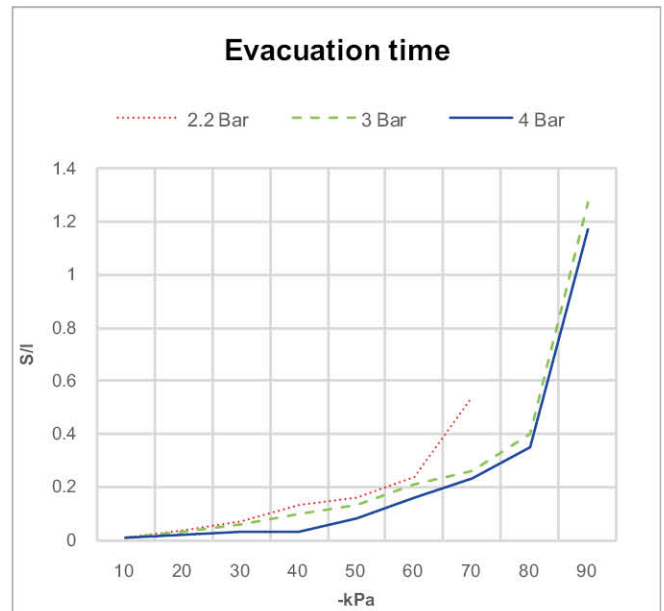


Performance data

VTC3123

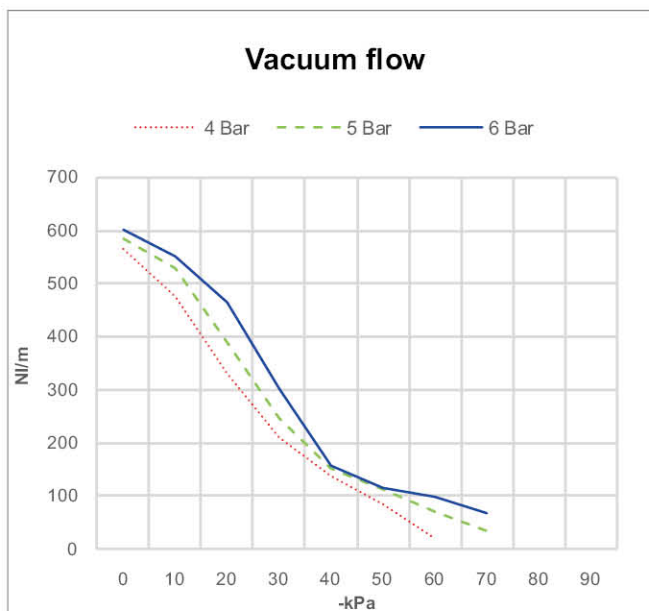


※ Vacuum flow at different vacuum level

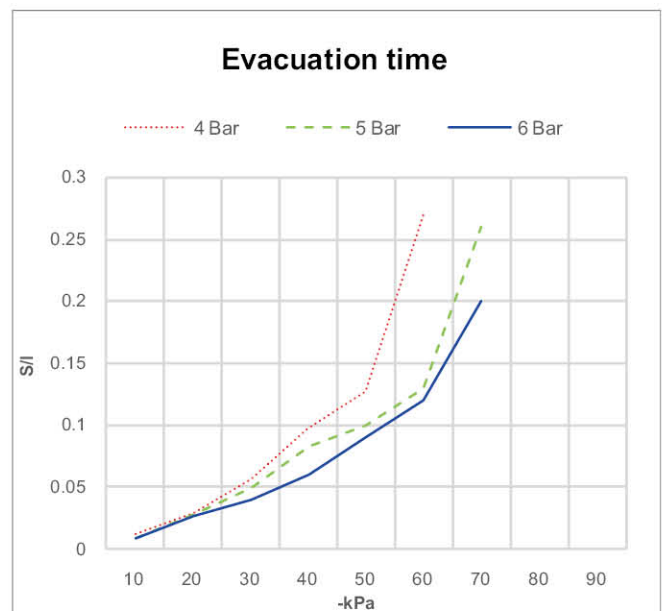


※ Time to evacuate a volume at different vacuum level

VTCL3123



※ Vacuum flow at different vacuum level



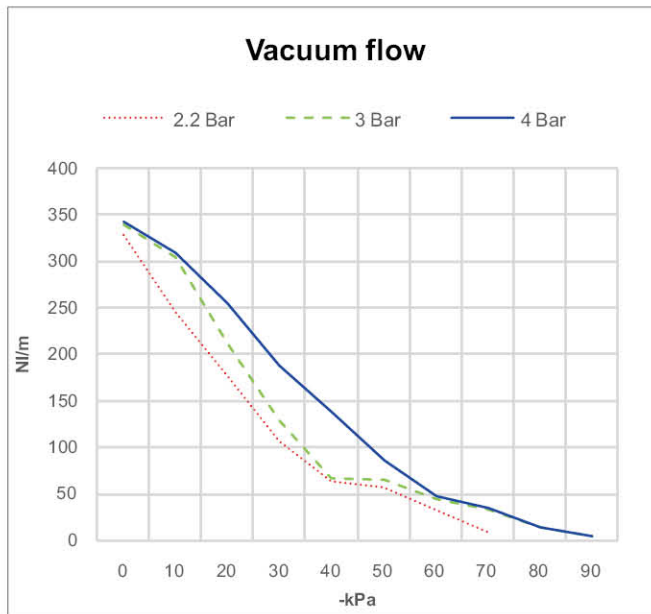
※ Time to evacuate a volume at different vacuum level



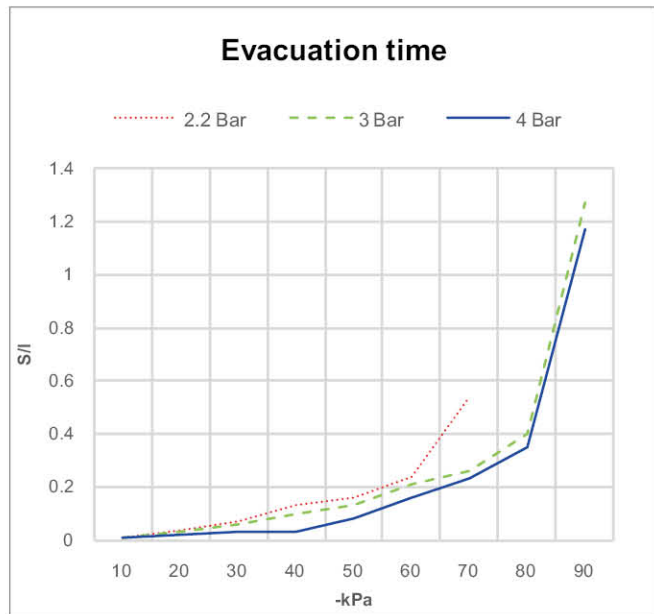
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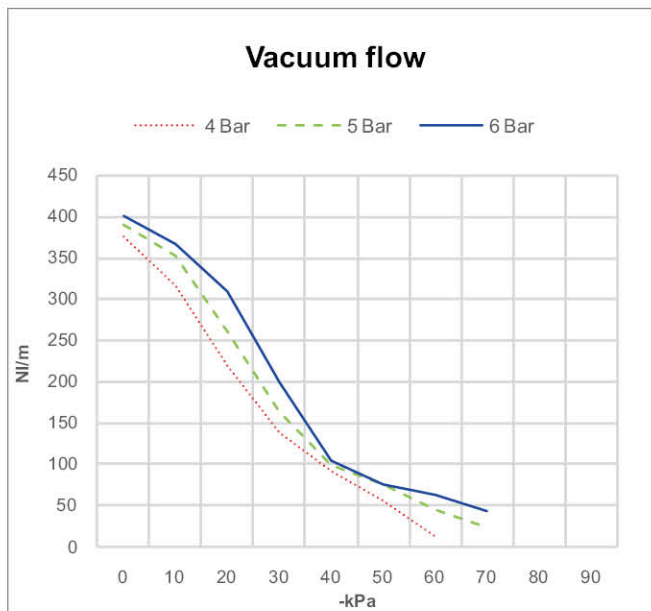


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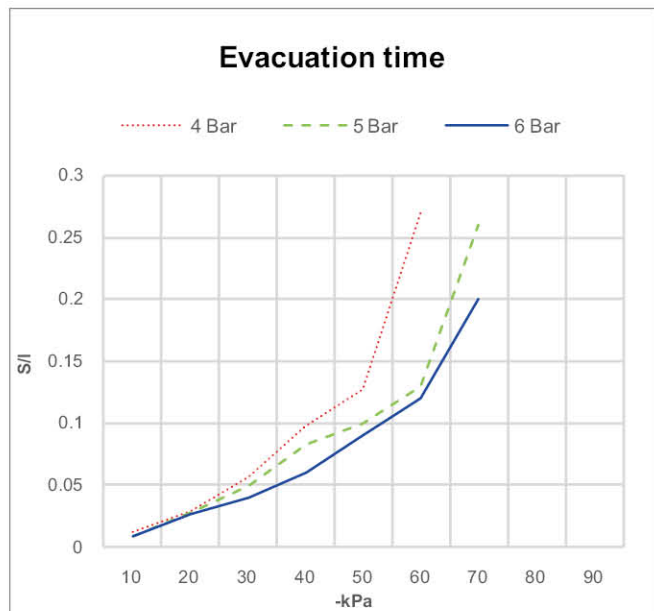


※ Time to evacuate a volume at different vacuum level

VTCL3122



※ Vacuum flow at different vacuum level



※ Time to evacuate a volume at different vacuum level

