

VACUUM PUMPS / Turtle pumps – Mega series

VTC3132 / VTCL3132

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	VTC3132	VTCL3132
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	682 NI/min	724 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	1,121 g	1,120 g

Vacuum Flow

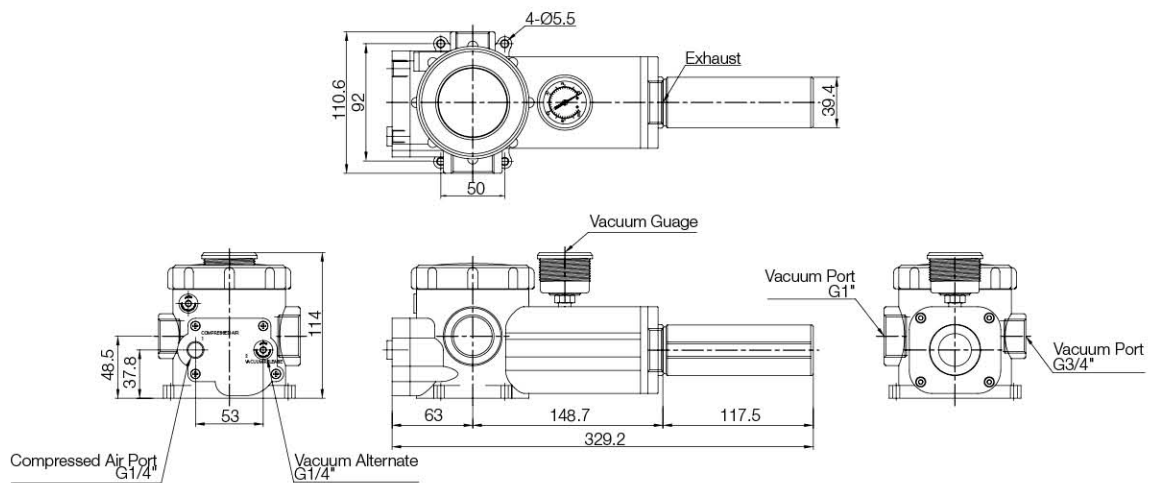
Model	Max. vacuum (-kPa)	Feed Pressure (bar)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
VTC3132	75	2.2	604	245	176	106	62.8	57	33	9.2	-	-
	92	3.0	676	304	212	128	66	64	44	33	12.8	3.8
	92	4.0	682	308	255	188	138	86	46.6	34.6	13.8	4.2
VTCL3132	60	4.0	604	344	220	140	92	56	13.6	-	-	-
	70	5.0	688	392	260	164	100	75	46	23.8	-	-
	75	6.0	724	415	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
VTC3132	2.2	194	0.011	0.043	0.050	0.170	0.230	0.380	0.810	-	-
	3.0	236	0.010	0.032	0.055	0.150	0.220	0.330	0.480	0.780	1.980
	4.0	304	0.010	0.026	0.037	0.047	0.120	0.230	0.350	0.700	1.720
VTCL3132	4.0	140	0.017	0.037	0.073	0.14	0.19	0.45	-	-	-
	5.0	170	0.014	0.032	0.06	0.128	0.16	0.25	0.43	-	-
	6.0	208	0.012	0.03	0.047	0.098	0.15	0.2	0.32	-	-

Dimension – Basic Pump

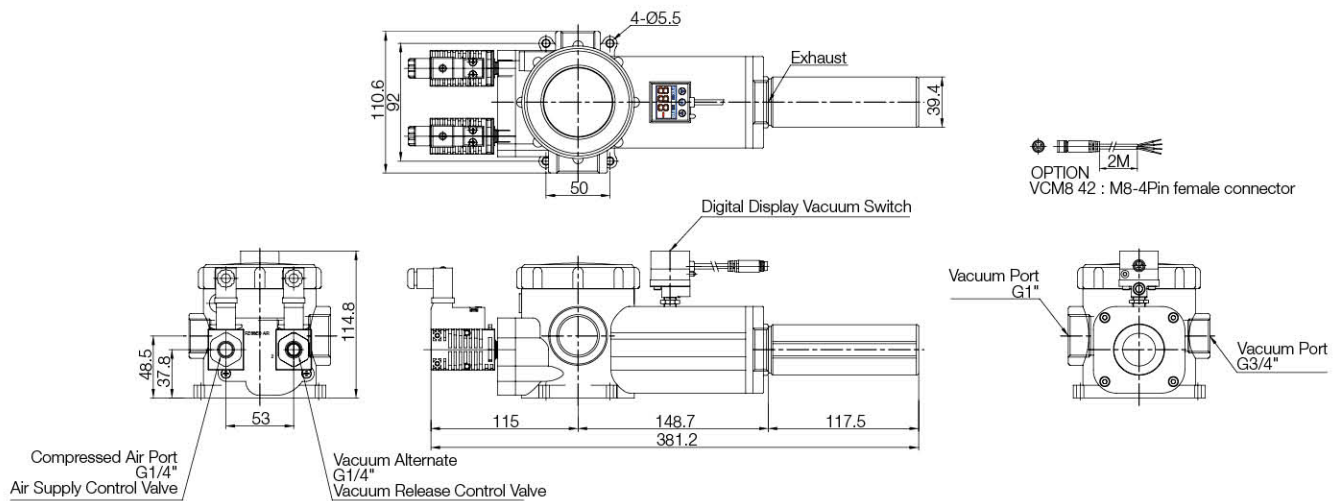
[Unit : mm]



Series VTC 3134.. / VTCL 3134..

Dimensions – with Accessories

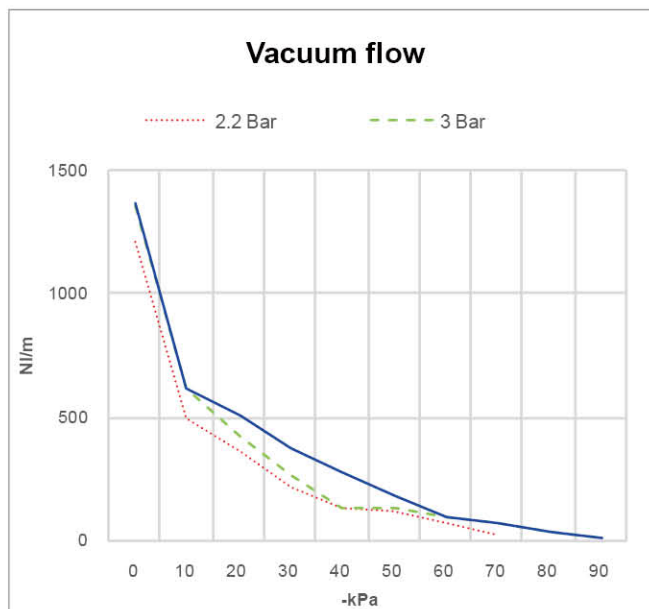
[Unit : mm]



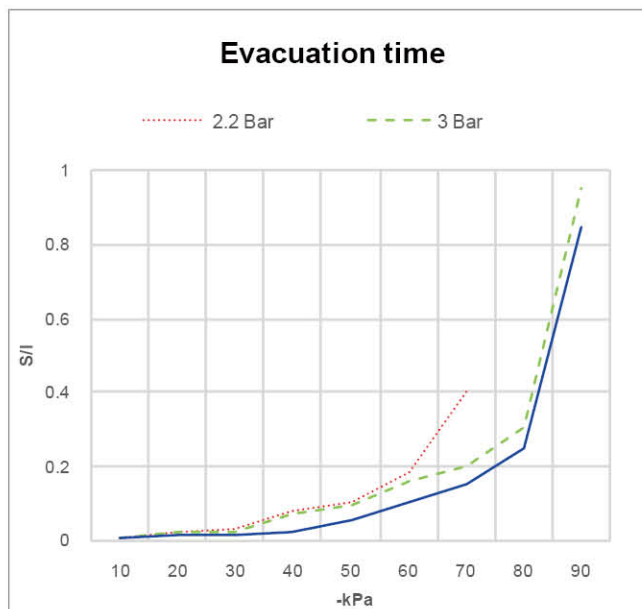
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Performance data

VTC3134

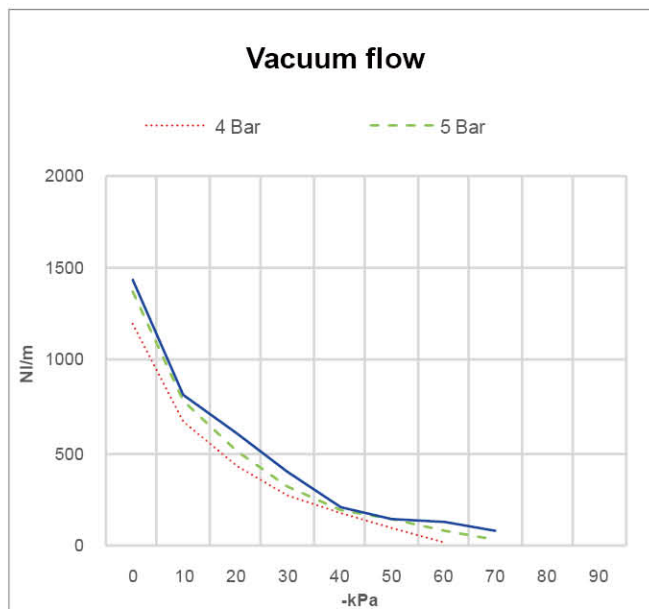


※ Vacuum flow at different vacuum level

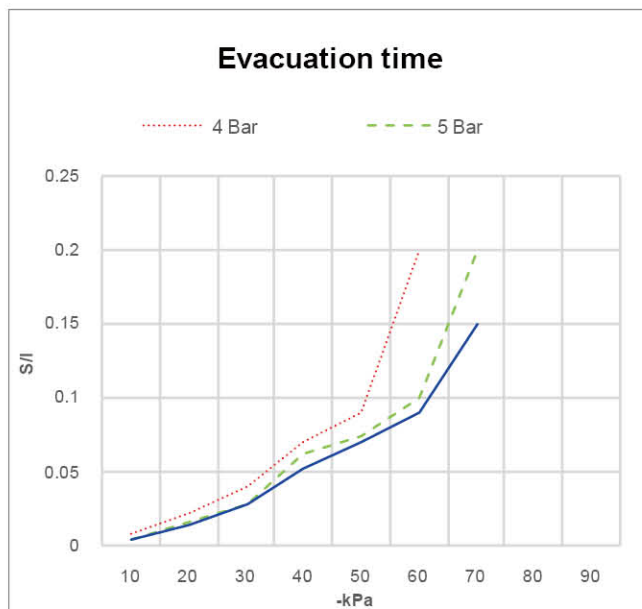


※ Time to evacuate a volume at different vacuum level

VTCL3134



※ Vacuum flow at different vacuum level

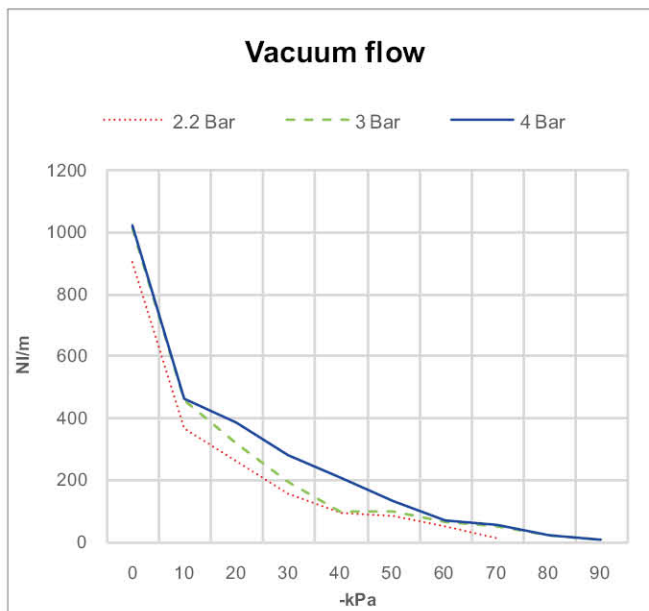


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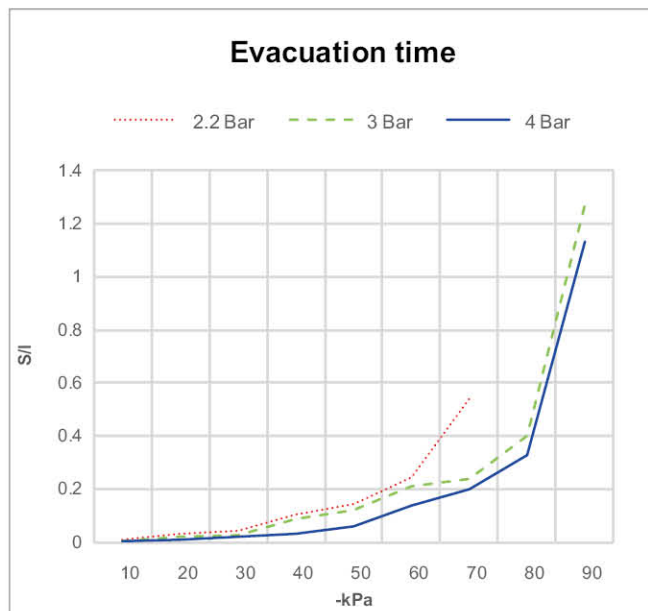


Performance data

VTC3133

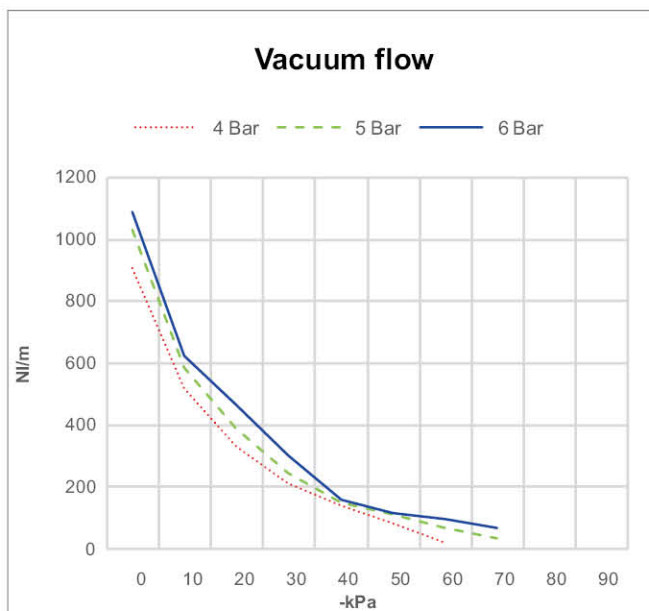


※ Vacuum flow at different vacuum level

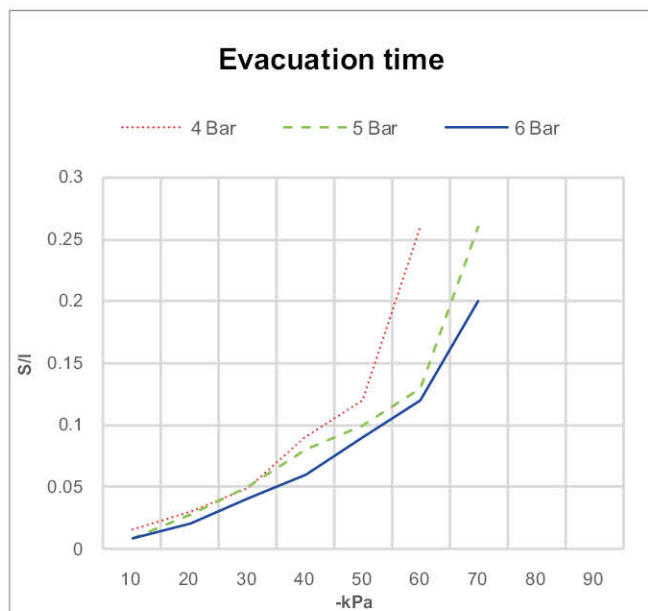


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※ Vacuum flow at different vacuum level



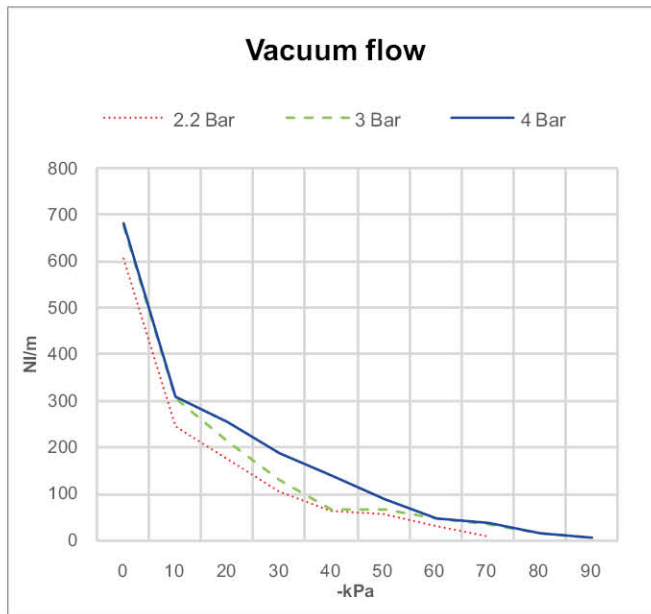
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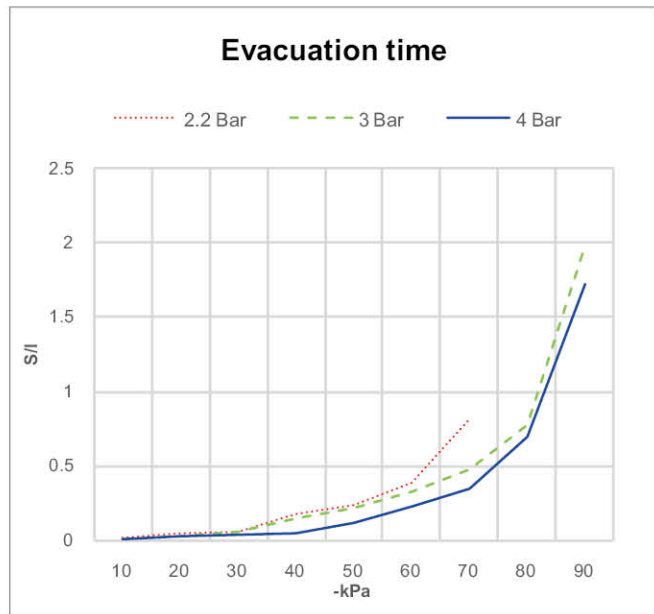
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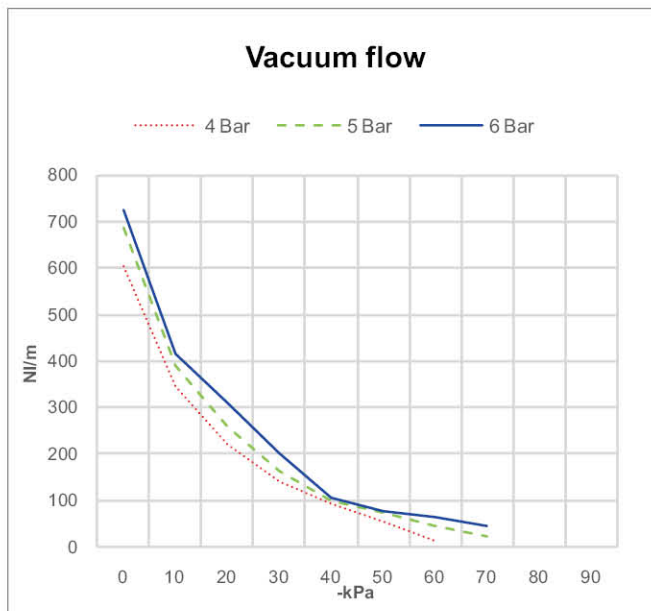


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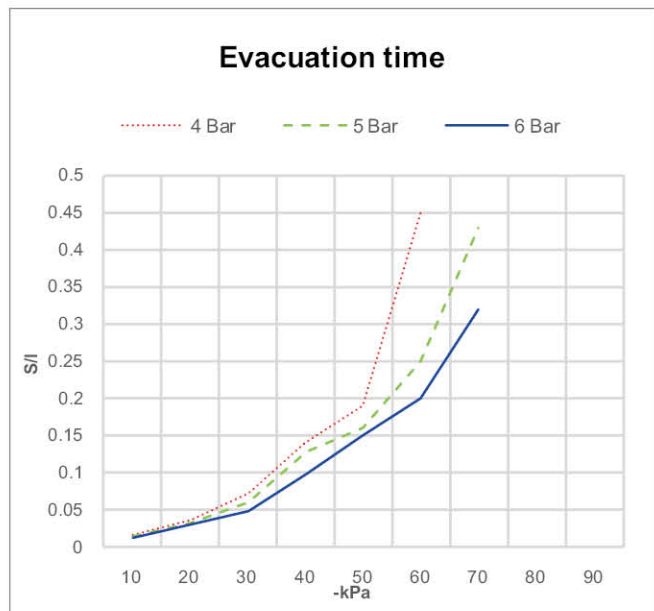


※ Time to evacuate a volume at different vacuum level

VTCL3132



※ Vacuum flow at different vacuum level



※ Time to evacuate a volume at different vacuum level

