

VACUUM PUMPS / Turtle pumps – Midi series

VTC3032 / VTCL3032

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	VTC3032	VTCL3032
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	671 g	670 g

Vacuum Flow

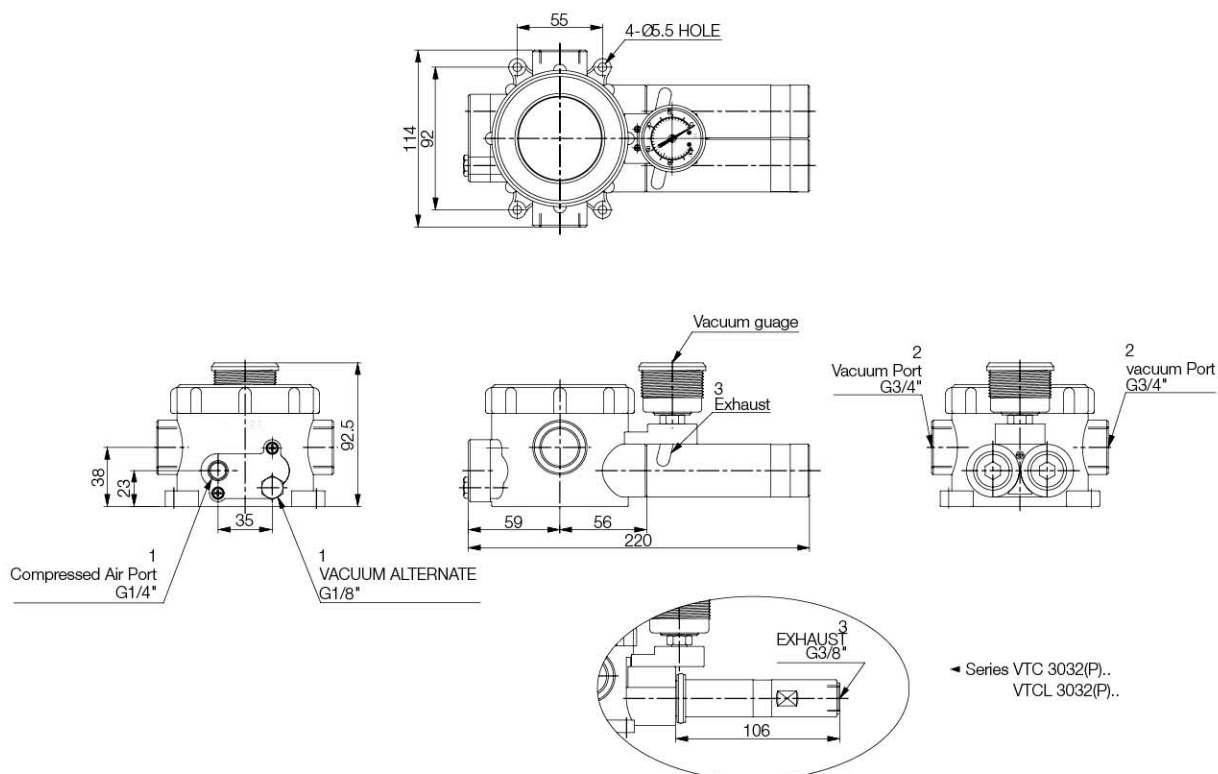
Model	Max. vacuum (-kPa)	Feed Pressure (bar)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
VTC3032	75	2.2	604	245	176	106	62.8	57	33	92	-	-
	92	3.0	676	304	212	128	66	64	44	33	12.8	3.8
	92	4.0	682	308	255	188	138	86	46.6	34.6	13.8	4.2
VTCL3032	60	4.0	604	352	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
VTC3032	2.2	97	0.02	0.09	0.10	0.32	0.42	0.73	1.62	-	-
	3.0	118	0.02	0.07	0.18	0.28	0.38	0.64	0.80	1.20	3.80
	4.0	152	0.01	0.05	0.07	0.09	0.20	0.42	0.60	1.00	3.40
VTCL3032	4.0	70	0.03	0.084	0.167	0.24	0.35	0.43	-	-	-
	5.0	85	0.01	0.08	0.14	0.20	0.27	0.43	0.80	-	-
	6.0	104	0.01	0.07	0.10	0.198	0.21	0.32	0.60	-	-

Dimension – Basic Pump

[Unit : mm]



Dimensions – with Accessories

[Unit : mm]

