

VACUUM PUMPS / Turtle pumps – Mega series

VTC3134 / VTCL3134

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	VTC3134	VTCL3134
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	1364 NI/min	1448 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	1,113 g	1,111 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
VTC3134	75	2.2	1208	490	352	212	126	114	66	18	-	-
	92	3.0	1352	608	424	256	132	128	88	66	26	7.6
	92	4.0	1364	616	510	376	276	172	93	69	28	8.4
VTCL3134	60	4.0	1208	688	440	280	184	112	27	-	-	-
	70	5.0	1376	784	520	328	200	150	92	45	-	-
	75	6.0	1448	828	616	400	208	152	128	88	-	-

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
VTC3134	2.2	388	0.005	0.02	0.027	0.08	0.1	0.18	0.4	-	-
	3.0	472	0.004	0.018	0.02	0.07	0.09	0.16	0.2	0.3	0.95
	4.0	608	0.003	0.01	0.01	0.02	0.05	0.1	0.15	0.25	0.85
VTCL3134	4.0	280	0.0089	0.023	0.04	0.07	0.09	0.2	-	-	-
	5.0	340	0.0057	0.018	0.03	0.063	0.075	0.1	0.2	-	-
	6.0	416	0.0053	0.015	0.029	0.052	0.071	0.09	0.15	-	-