

VACUUM PUMPS / Magic pumps

M3132 / ML3132

Features and Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated pleated filter with high dirt capacity & Auto-cleaning system
- Flexible structure
 - Available to select various port options and port position / direction
- Easy to assemble and disassemble without any tools
- Quick response time
- Patented design



Specifications

Description	M3132	ML3132
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	55 ~ 62 dbA	50 ~ 60 dbA
Weight	891 g	890 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
M3132	92	3.0	676	304	212	128	66	64	44	33	12.5	3.5
	92	4.0	682	308	255	188	138	86	46	34	13.5	4
ML3132	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	
M3132	3.0	236	0.01	0.032	0.045	0.15	0.22	0.33	0.48	0.78	1.98	
	4.0	304	0.01	0.026	0.037	0.047	0.12	0.23	0.35	0.7	1.72	
ML3132	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	-	-	