

M3133 / ML3133

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	M3133	ML3133
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	1,023 NI/min	1,086 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	887 g	887 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
M3133	92	3.0	1014	456	318	192	99	96	66	50	19	6
	92	4.0	1023	462	383	282	207	129	70	52	21	6.1
ML3133	70	5.0	1032	588	390	246	150	112.5	69	34	-	-
	75	6.0	1086	621	462	300	156	114	96	66	-	-

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	
M3133	3.0	354	0.005	0.02	0.03	0.09	0.12	0.21	0.24	0.4	1.27	
	4.0	456	0.004	0.01	0.02	0.03	0.06	0.14	0.2	0.33	1.13	
ML3133	5.0	255	0.0085	0.028	0.05	0.08	0.1	0.13	0.26	-	-	
	6.0	312	0.0079	0.02	0.04	0.06	0.09	0.12	0.2	-	-	