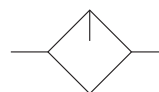




Symbol



Installation and use

Automatic variable throttle mist evenly compressed air injector fog, A regulator to ensure the amount of oil mist and compressed air flow is proportional to. Compressed air through the nozzle pressure drop, forcing the fluid to enter, as the oil from the oil cup, along with the compressed air into the input port, to be atomized.

Can be achieved in the work non-stop air refueling.

By adjusting the screw to adjust the drop volume, usually containing 1-12 drops per 1000L of air is sufficient.

Ordering code

L	□	7	MINI	E
Series	Port size	Working Pressure	Size	Shell material
OL Lubricator	G1/8" G1/4" G3/8" G1/2" G3/4" G1"	Blank 12bar 7 7bar	MINI MIDI MAXI	Blank Zinc E Alu.

Specification

Size	Micro					Mini			Midi			Maxi			
Pneumatic connection	M5	M7	G1/8	QS4	QS6	G1/8	G1/4	G3/8	G1/4	G3/8	G1/2	G3/4	G1/2	G3/4	G1
Operating medium	Filtered compressed air, unlubricated, grade of filtration 5µm					Filtered compressed air, unlubricated, grade of filtration 40µm									
Design	Proportional standard mist lubricator														
Type of mounting	Via accessories														
	In-line installation														
Assembly position	Vertical ±5°														
Input pressure (bar)	0...10					0...16									
Minimum flow for lubricator operation (l/min)	3					3			8			10			
Max. oil capacity (cm³)	6.5					45			110			190			

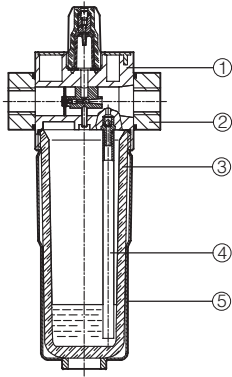
Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.

Standard nominal flow rate 1) q_N [l/min]

Connection	Female thread		Connecting plate		
	M5	M7	G1/8	QS4	QS6
Micro					
OL	200	430	410	16	330

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.

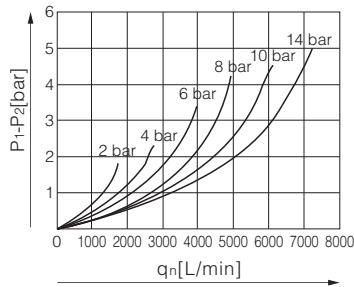
Inner structure



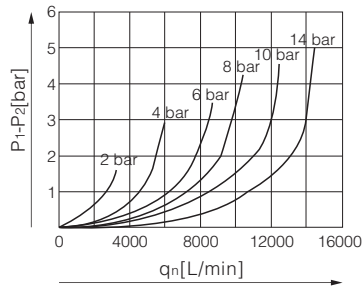
No.	Item	Material
1	Casing	Die-casting Zinc
2	Connecting Plate	Aluminum
3	Filter Bowl	Polycarbonate
4	Metal Filter	Aluminum
5	Cover, Pressure Visible Type	PE
	Seal	NBR

Standard Flow Rate q_n as Function of The Outpt Pressure p_2

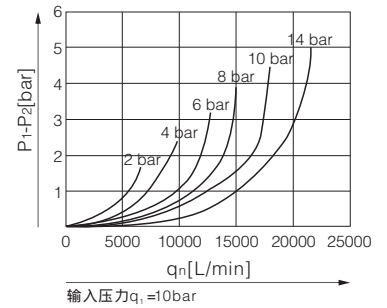
OL-1/4-MINI



OL-1/2-MIDI

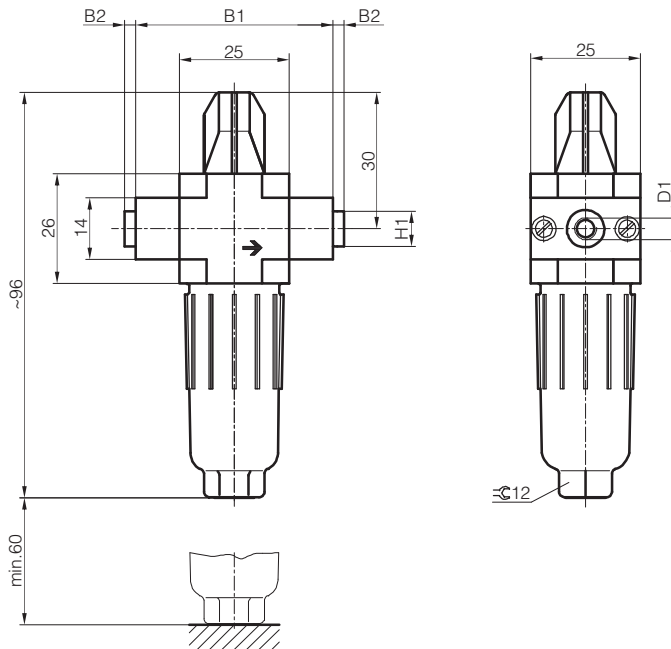


OL-1-MAXI



Dimensions

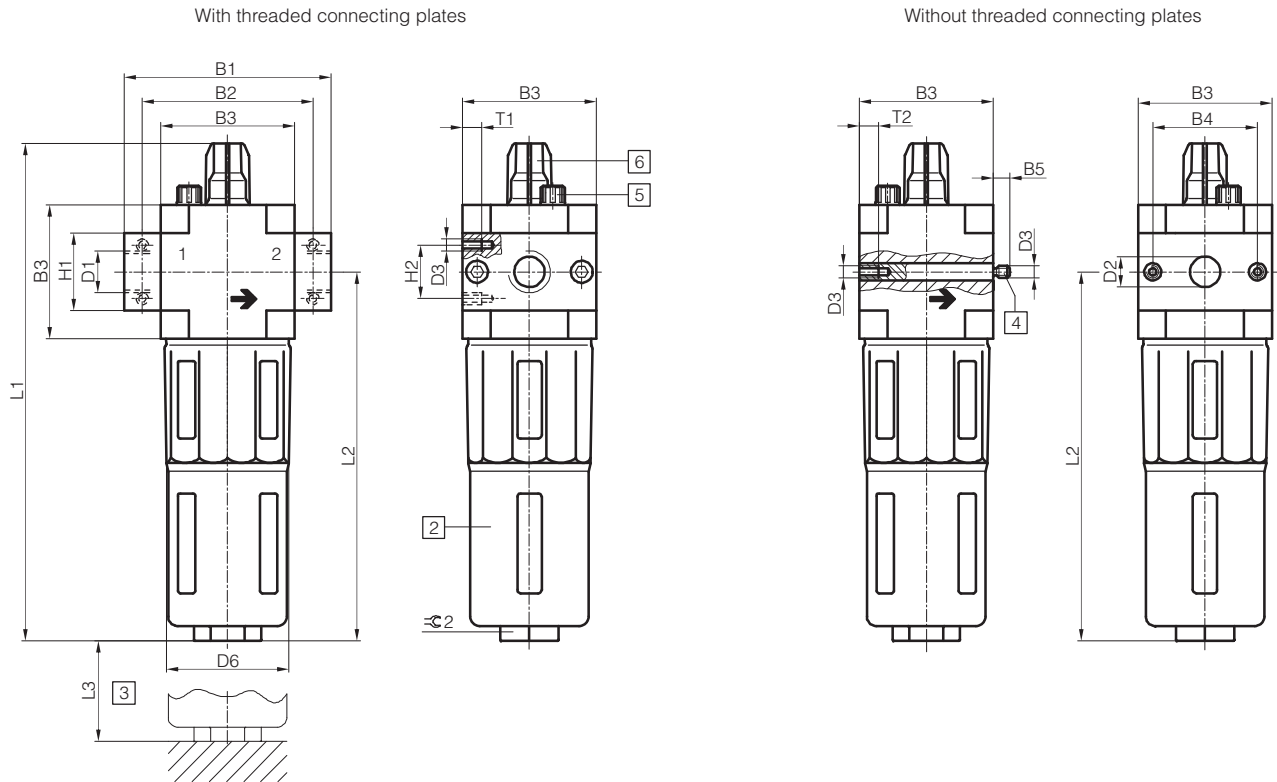
Micro



→ Flow direction

Model	B1	B2	D1	H1
OL-M5-D-MICRO	25	-	M5	-
OL-M7-D-MICRO			M7	
OL-1/8-D-MICRO	45	~2.5	G 1/8	~8
OL-QS4-D-MICRO			QS4	
OL-QS6-D-MICRO			QS6	

Mini/Midi/Maxi



- [2] Metal bowl guard
- [4] Threaded pin (exchangeable)
- [5] Bleed screw for oil reservoir
- ➔ Flow direction
- [3] Installation dimensions
- [6] Oil adjusting screw

Model	B1	B2	B3	B4	B5	D1	D2Φ	D3	D6Φ	H1	H2	L1	L2	L3	T1	≈1	≈2
Mini																	
OL-1/8-D-MINI	64	52	40	30	-	G1/8	-	M4	38	20	11	169	124	100	7	-	22
OL-1/4-D-MINI						G1/4											
OL-3/8-D-MINII	70					G3/8											
OL-D-MINI	-	-			5.8	-	11			-	-				-	10	
Midi																	
OL-1/4-D-MIDI	85	70	55	43	-	G1/4	-	M5	52	32	22	204	151	120	8	-	24
OL-3/8-D-MIDI						G3/8											
OL-1/2-D-MIDI						G1/2											
OL-3/4-D-MIDI						G3/4											
OL-D-MIDI	-	-			6.8	-	24			-	-				-	11	
Maxi																	
OL-1/2-D-MAXI	96	80	66	46	-	G1/2	-	M5	65	32	22	228	170	150	8	-	24
OL-3/4-D-MAXI						G3/4											
OL-1-D-MAXI	116	61				G1				40							
OL-D-MAXI	-	-			6.8	-	30			-	-				-	11	

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.