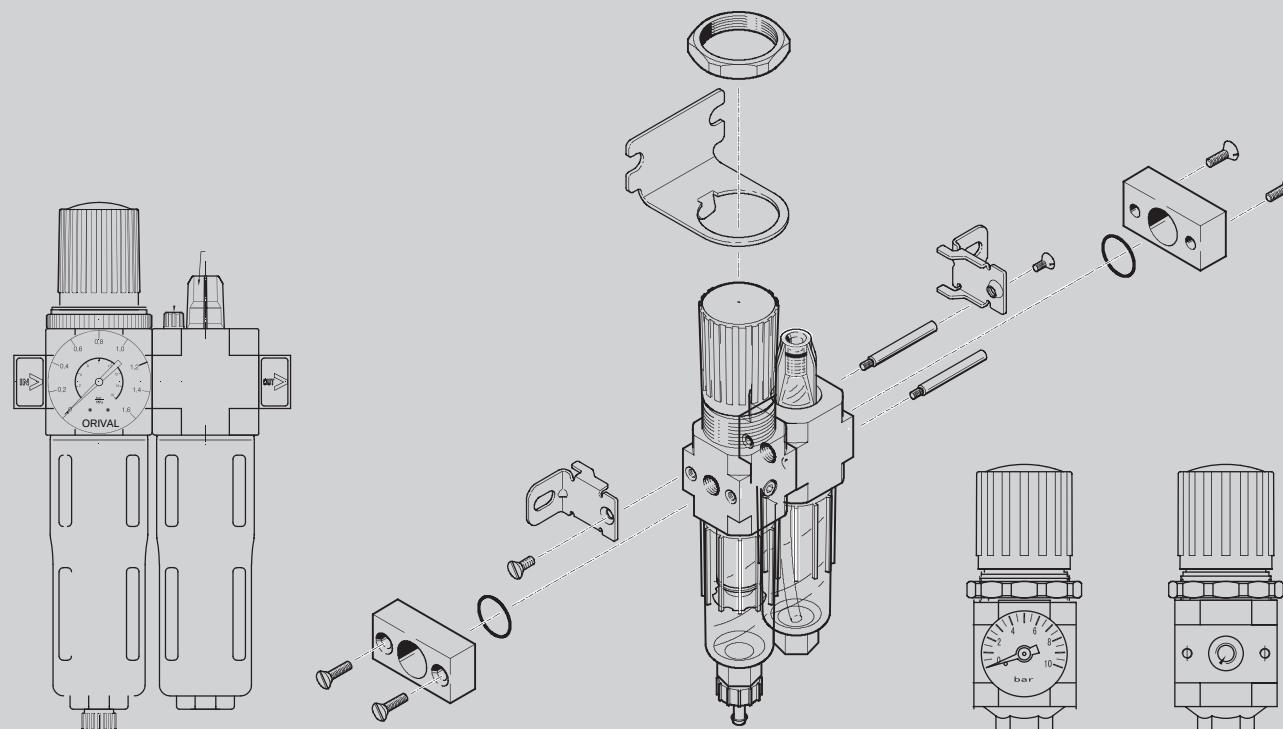




奧瑞集團(香港)有限公司
ORIVAL GROUP (HONG KONG) LIMITED

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Welcome to ORIVAL



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Pneumatic component



油雾器 Lubricator / ORL

型号代码 Type codes



自动可节流式油雾器可均匀地向压缩空气喷油雾。一个调节器保证了油雾量与压缩空气流量成比例。
压缩空气经过喷嘴时产生压降，迫使油液从油杯进入视油器，随压缩空气进入输入口，同时被雾化。
在工作中可实现不停气加油。
可通过调节螺钉调节滴油量，通常每1000L空气中含有1-12滴就足够了。

The direct constant-density lubricator add regulatd quantity oil to the compressed air.A valve maintains oil mist content proportional to the compressed oil flow.
The pressure drop that occurs when the air flow through a sight feed oil cup delives oil from the bowl to the sight oil indicator .The drop of the oil flows into the air channel when it is atomized.
The oil drip rate is controlled by means of the regulating screw.Normally,1 to 12 drops /1000L of the air is sufficient.

ORL

-

1/4

-

MINI

基本功能 Basic function	
ORL	油雾器 Lubricator
接口尺寸 Connection	
1/8	G1/8
1/4	G1/4
3/8	G3/8
1/2	G1/2
3/4	G3/4
1	G1
规格 Size	
MINI	小型
MIDI	中型
MAXI	大型

油雾器 Lubricator / ORL

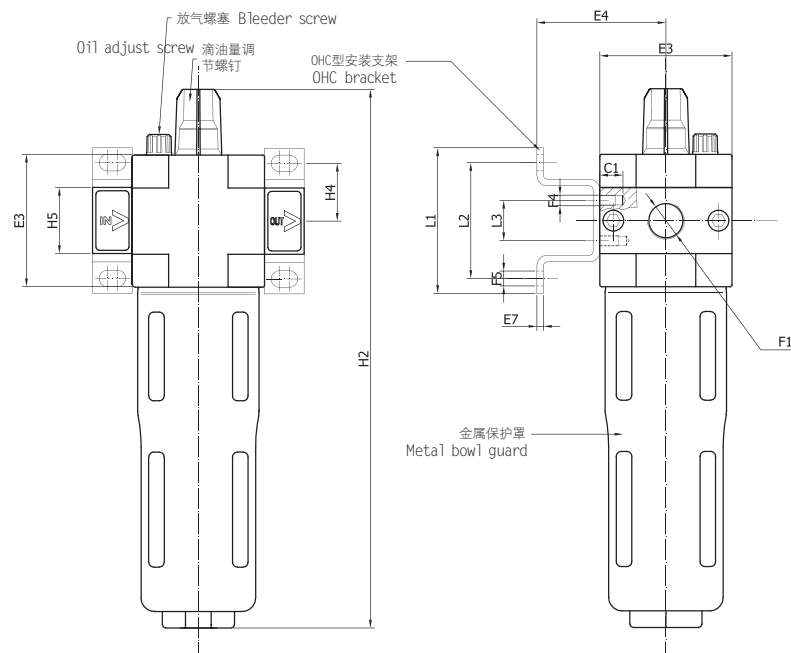
技术参数 Technical data

主要技术参数 General technical data								
规格 Size	MINI			MIDI			MAXI	
工作介质 Medium	压缩空气 Compressed air							
结构特点 Features of structure	油雾型自动可节流式 The direct constant-density lubricator							
安装方式 Mounting type	管式安装或支架安装 Pipe or Foot mounting							
安装位置 Assembly position	垂直方向±5° Vertical ±5°							
连接尺寸 Connection	G1/8	G1/4	G3/8	G3/8	G1/2	G3/4	G3/4	G1
标准额定流量 Standard nominal flow rate	1300	2300	2700	5500	6100	6300	8400	9000
最大工作压力 Max. Working pressure	16bar							
最小起雾流量 Min. Standard nominal flow rate	3 l/min			6 l/min			10 l/min	
最大凝度容量 Max.Condensate capacity	22ml			43ml			80ml	
温度范围 Temperature range	0~60℃							
材料 Materials information	壳体：压铸锌；油杯和视油器：PC；金属保护罩：铝合金；密封：丁腈橡胶； Housing: Zinc die-casting; Oil bowl and Drip cap: PC; Metal bowl guard: Aluminium alloy; Sealing: NBR							
推荐用油 Recommended oil	ISO VG 32或同级用油 ISO VG 32 or the same grade							

油雾器 Lubricator / ORL

技术参数 Technical data

尺寸图 Dimensions

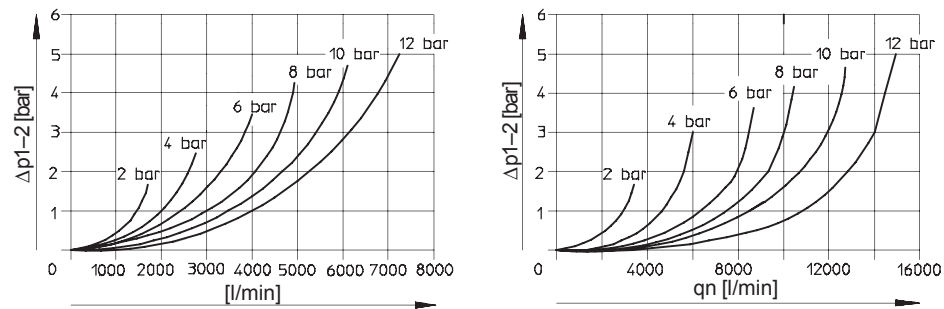


型号 Model	E3	E4	E7	F1	F4	F5Ø	L1	L2	L3	H4	H5
ORL-...-MINI	40	39	2	G1/8,G1/4,G3/8	M4	4,5	44	35	11	17,5	20
ORL-...-MIDI	55	47	3	G1/8,G1/2,G3/4	M5	5,5	71	60	22	24,5	32
ORL-...-MAXI	66	53	3	G3/4,G1	M5	5,5	71	60	22	24,5	32,40

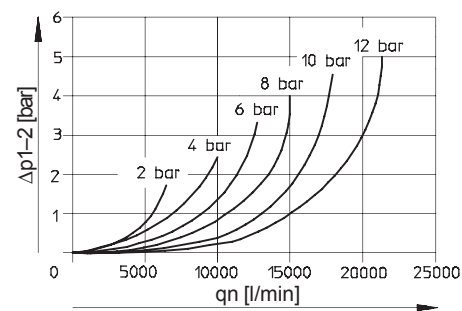
标准额定流量qn和输出压力p2的关系 Standard flow rate qn as a function of the output pressure p2

ORL-1/4-MINI

ORL-1/2-MIDI



ORL-1-MAXI

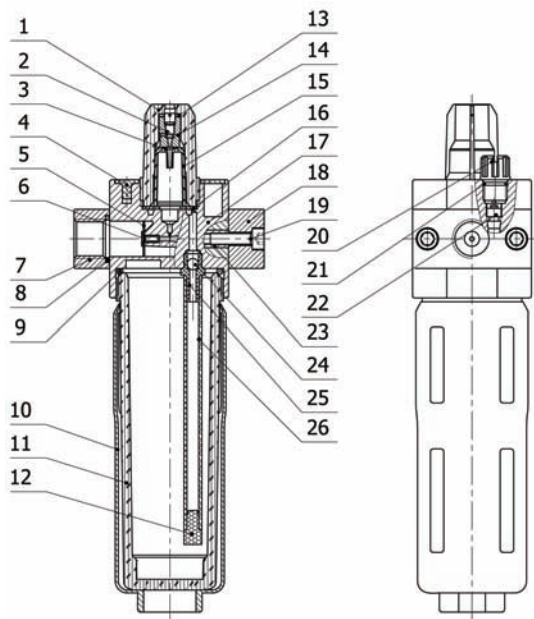


*输入压力 Primary pressure: p1=10 bar

油雾器 Lubricator / ORL

技术参数 Technical data

内部结构图 Inner structure



序号 NO.	名称 Item	材料 Material	序号 NO.	名称 Item	材料 Material
1	视油窗 Upper glass	PC	16	密封平垫 Seal piece	NBR
2	调节螺钉 Adjust screw	黄铜 Brass	17	OL 阀体 OL Body	锌合金 Zinc alloy
3	O型圈 O-ring	NBR	18	分气块 OUT Flange – OUT	锌合金 Zinc alloy
4	装饰盖 (环形) Ornament cover (circular)	PO	19	内六角螺丝 Allen screw	S35C
5	挡风片 Windshield chip	NBR	20	放气螺塞 Bleeder screw	POM
6	挡风座 Windshield base	黄铜 Brass	21	O型圈 O-ring	NBR
7	分气块-IN Flange – IN	锌合金 Zinc alloy	22	气门芯 Valve pin	黄铜 Brass
8	O型圈 O-ring	NBR	23	双头螺栓 Double-end bolt	SUS
9	O型圈 O-ring	NBR	24	钢球 Steel ball	SUS304
10	保护罩 Metal bowl guard	铝合金 Aluminium alloy	25	油管接头 Oil tube connection	POM
11	油杯 Lubricator bowl	PC	26	油管 Oil tube	PU
12	滤塞 Oil-filter plug	Brass powder sintered			
13	O型圈 O-ring	NBR			
14	针座 Screw base	黄铜 Brass			
15	滴油嘴 Oil dropping	PC			