



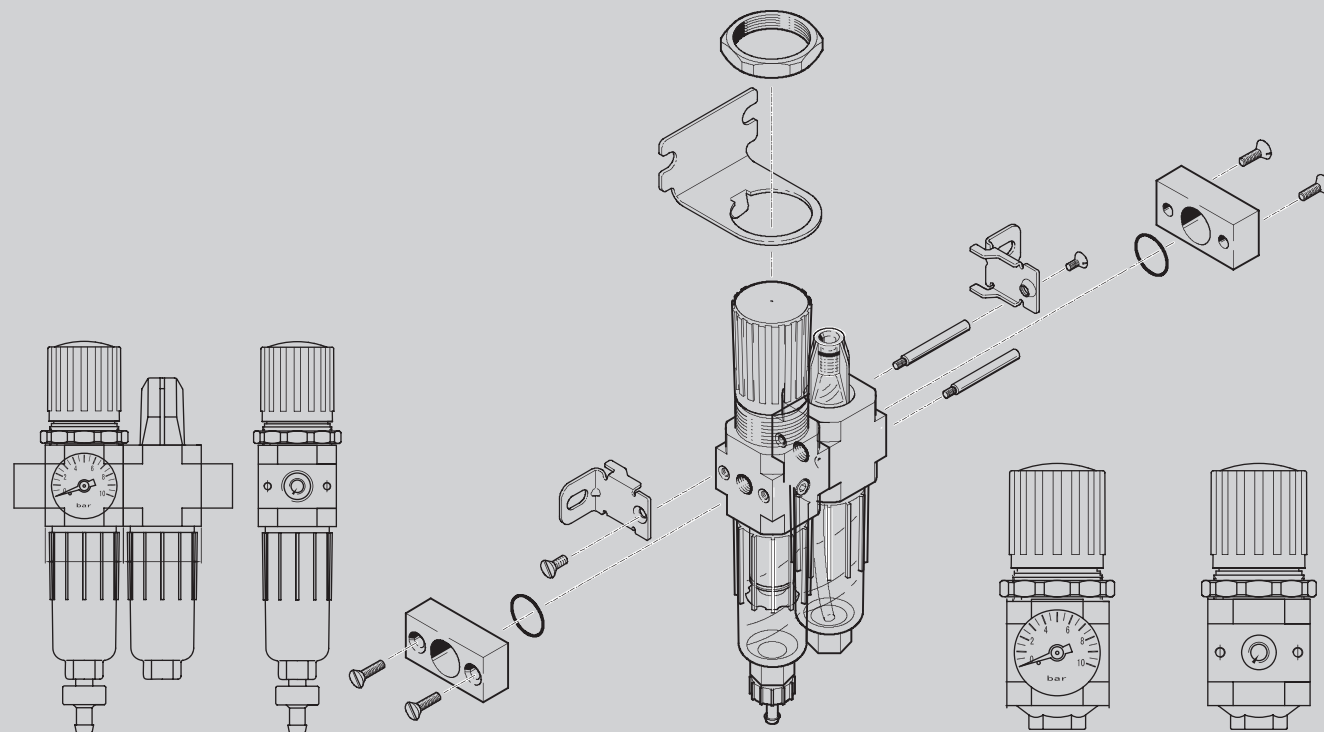
ORIVAL GROUP (HONG KONG) LIMITED



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

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Welcome to ORIVAL



ORIVAL

ORIVAL GROUP (HONG KONG) LIMITED

3/F.,Cheong Sun Tower, 116-118 Wing Lok Street

Sheung Wan, Hong Kong

Email:hk@orival.com.cn

LANGDAI INDUSTRY EQUIPMENT CO., LTD. (Mainland)

Room 1512, Building 4, No. 500 Jianyun Road, Pudong, Shanghai

Tel:+86(21)5811 5234

Fax:+86(21)609 11458

Email:sh@orival.com.cn

www.orival.com.cn

Pneumatic component





微型系列气源处理 air preparations / MICRO Series

型号代码 Type codes



		ORU	-	M5	-		-	5M	-		-	MICRO	-	
基本功能 Basic function														
ORU	三联件 Filter,Regulator,Lubricator													
ORFR	过滤减压阀 Filter,Regulator													
OR	减压阀 Regulator													
ORF	过滤器 Filter													
ORL	油雾器 Lubricator													
接口尺寸 Connection														
M5	M5													
M7	M7													
1/8	1/8													
压力调节范围 Pressure regulation range														
	0.5...7bar													
过滤等级 Grade of Filtration														
5M	5 μ m													
压力表 Pressure gauge														
	带压力表 With pressure gauge													
0	不带压力表 Without pressure gauge													
规格 Size														
MICRO	微型 MICRO													
排水阀 Condensate drain														
	手动 Turned manually													

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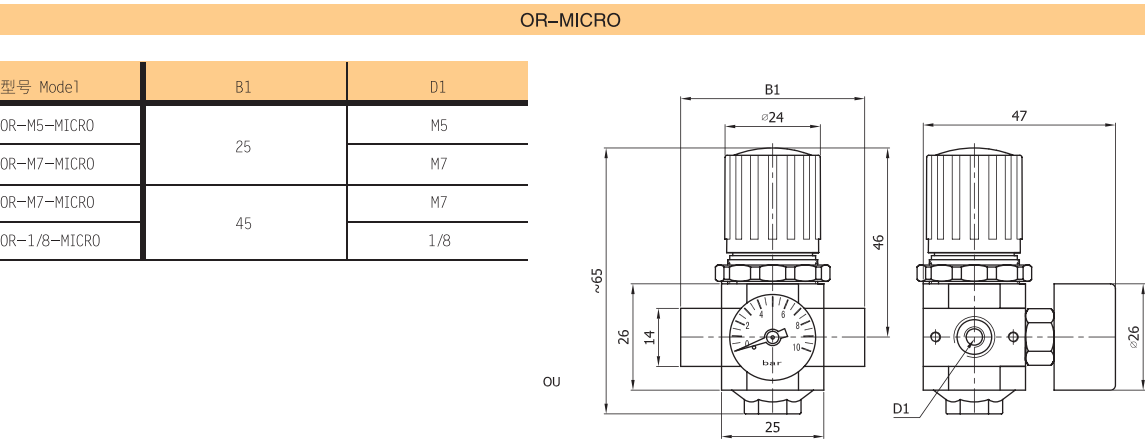
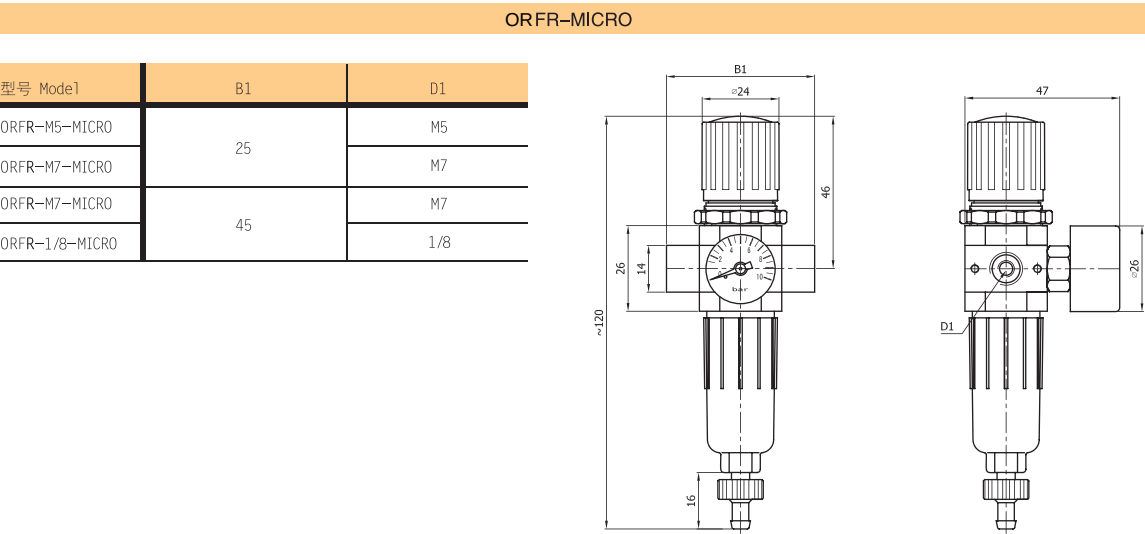
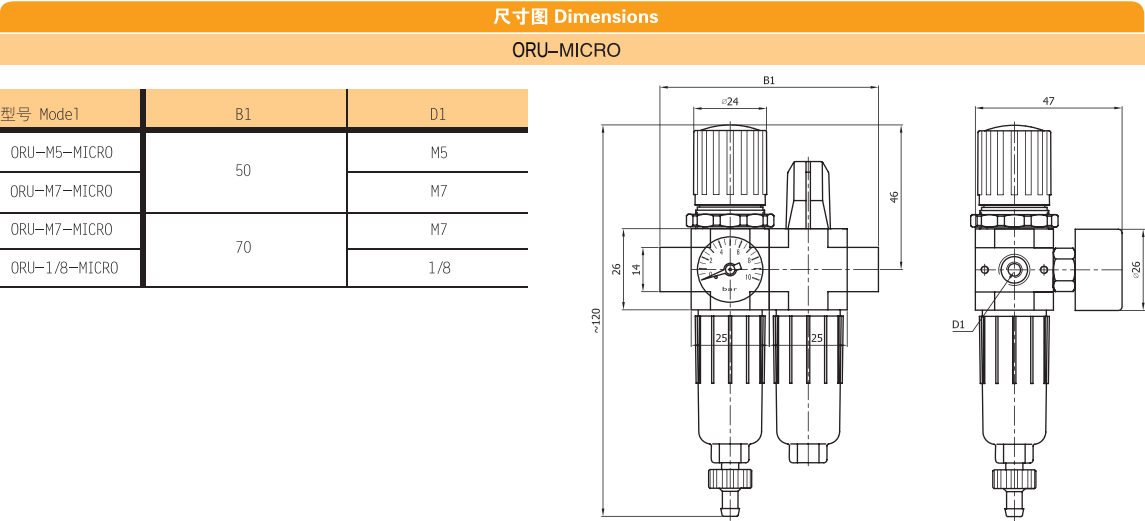
技术参数 Technical data

主要技术参数 General technical data				
规格 Size		MICRO		
工作介质 Medium		压缩空气 Compressed air		
结构特点 Features of structure		直动式膜片减压阀，无内部空气消耗或输入压力补偿；带冷凝液分离器的烧结式过滤器；自动可变节流式油雾器 Directly actuated diaphragm regulator,Sintered filter with centrifugal separation,Proportional standard mist lubricator		
安装方式 Mounting type		管式安装或支架安装 Pipe mounting or foot mounting		
安装位置 Assembly position		垂直方向±5° Vertical ±5°		
连接尺寸 Connection		气接口，内螺纹 Female thread		连接板 Connecting plate
		M5	M7	M7 1/8
标准额定流量 Standard nominal flow rate	ORU	90	130	170 140
	ORF	120	280	300 410
	OR	120	300	320 450
	ORF	170	280	280 290
	ORL	200	430	380 410
输入压力 Primary pressure		0~10bar		
工作压力 Working pressure		0.5~7bar		
最小起雾流量 Min. Standard nominal flow rate		3 l/min		
过滤精度 Grade of filtration		5 μ m		
最大凝度容量 Capacity of condensate fluid		6.5 cm ²		
温度范围 Temperature range		0~60℃		
材料 Materials information		壳体：精制铝合金；过滤杯和油杯：PC；密封：丁腈橡胶；调压手轮：POM Housing: Wrought aluminium alloy; Filter bowl and oil bowl: PC; Sealing: NBR; Adjusting knob: POM		



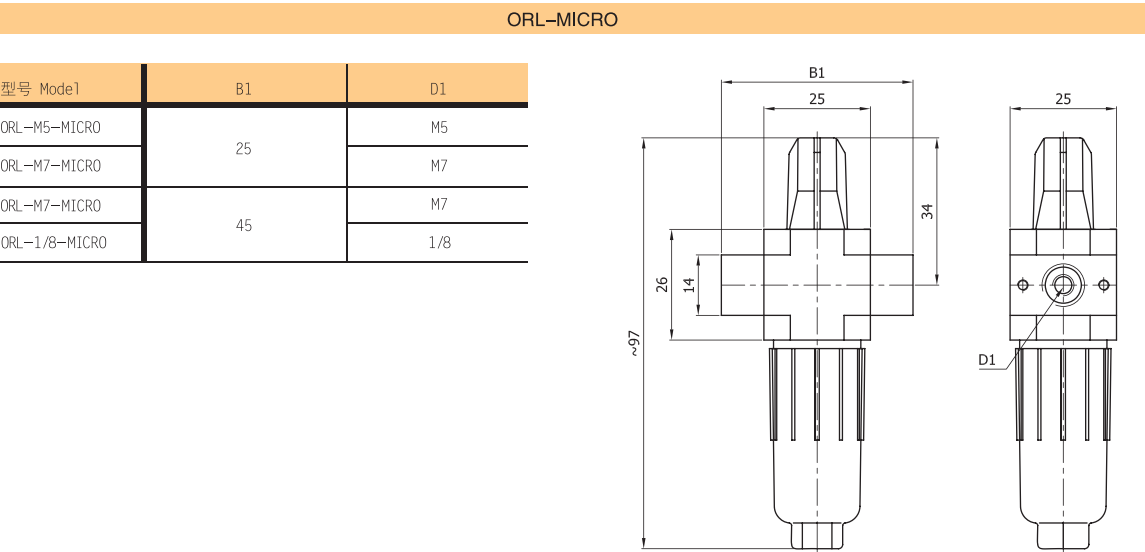
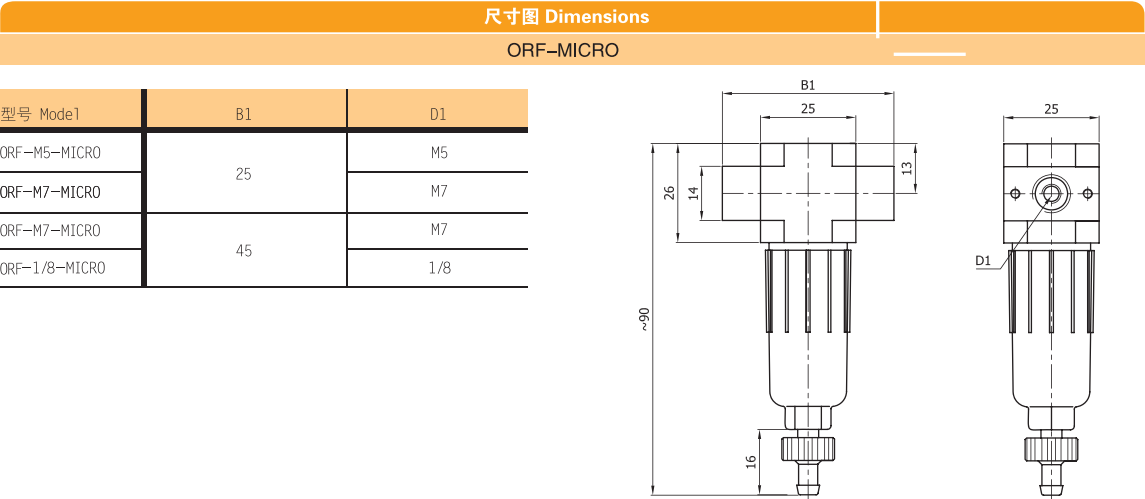
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尺寸图 Dimensions



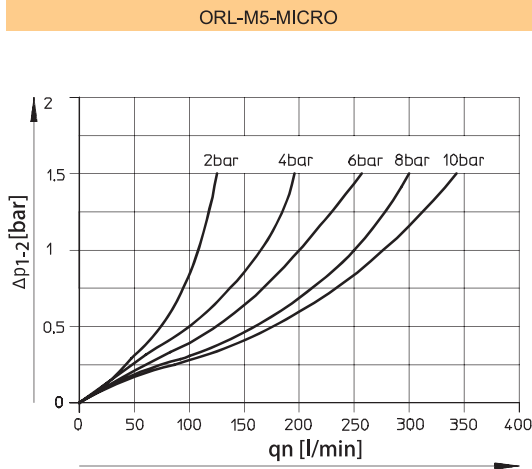
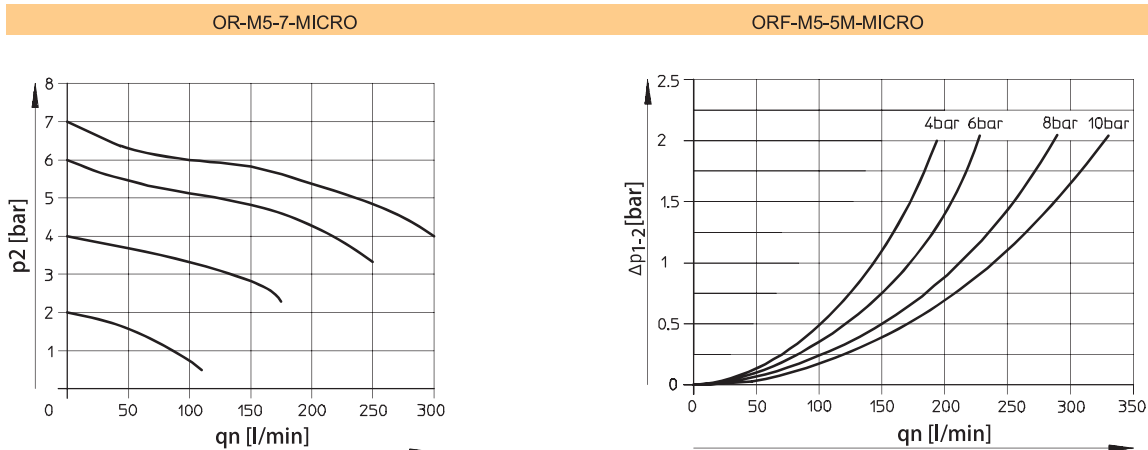
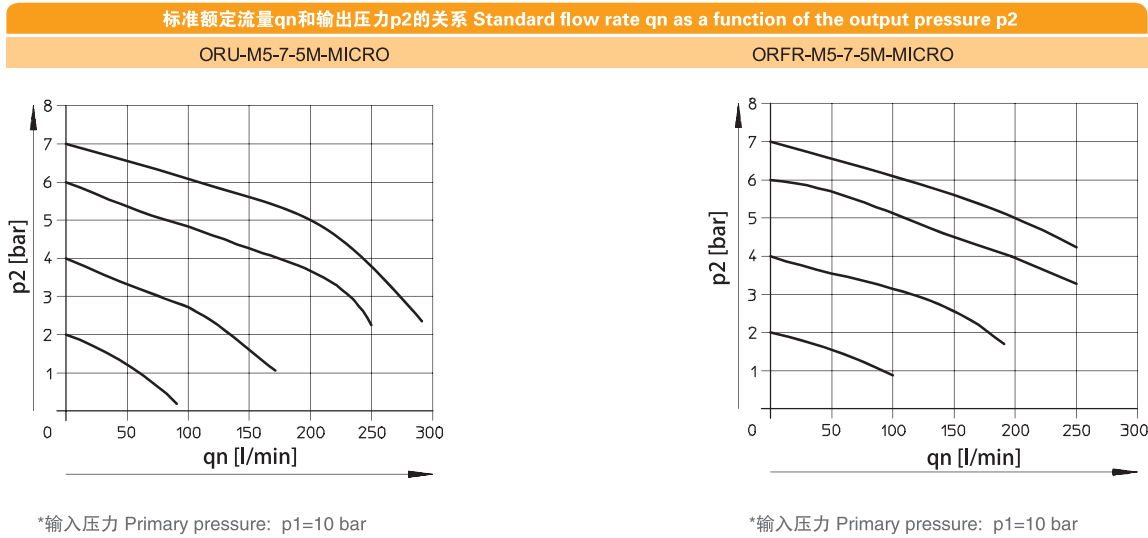
微型系列气源处理 air preparations / MICRO Series

尺寸图 Dimensions



微型系列气源处理 air preparations / MICRO Series

标准额定流量 Standard flow

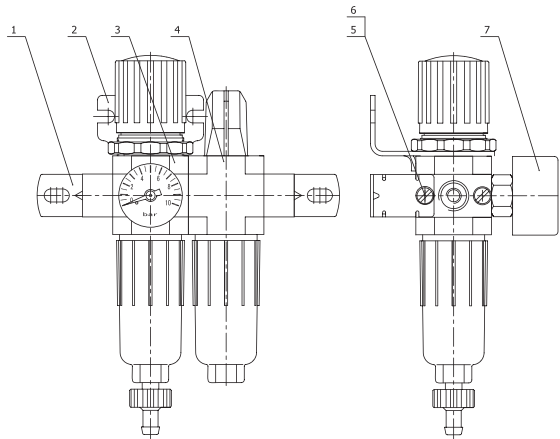


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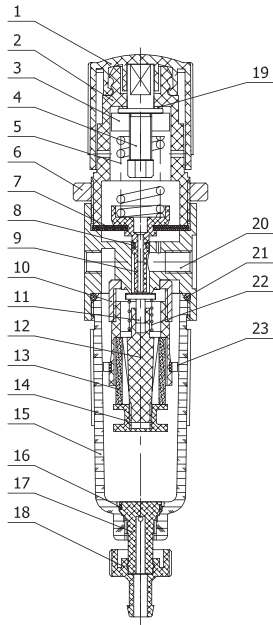
内部结构图 Inner structure

内部结构图 Inner structure		
序号 NO.	名称 Item	材料 Material
1	安装支架 Mounting bracket OHC	SPCC
2	安装支架 Mounting bracket OHO	SPCC
3	过滤调压阀 Filter+Regulator	
4	油雾器 Lubricator	
5	双头螺栓 Double-end bolt	S35C
6	连接螺丝 Screw	S35C
7	压力表 Pressure guage	

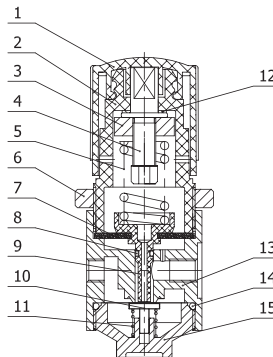
* 1、2号支架安装时任选一项。
No.1,2 is optional for mounting bracket.



序号 NO.	名称 Item	材料 Material
1	调压手轮 Pressure knob	POM
2	阀盖 Regulator cap	POM
3	六角螺帽 Regulator nut	S35C
4	调压螺杆 Adjusting spindle	S35C
5	弹簧 Pressure spring	SWC
6	滚化并帽 Fixed ring	6061-T6
7	膜片 Diaphragm	NBR+尼龙网 NBR+Nylon
8	O型圈 O-ring	NBR
9	阀芯 Spool	POM
10	滤芯座接头 Connecting base	6061-T6
11	密封座 Seal base	6061-T6+NBR
12	滤芯座 Filter element base	POM
13	滤芯 Filter element	PE 聚乙烯
14	挡水板 Manger	POM
15	水杯 Filter bowl	PC
16	O型圈 O-ring	NBR
17	内接头 Inner joint	POM
18	放水器 Condensate drain	POM
19	耐磨垫片 Wearing sheet	绝缘胶板 Insulation sheet
20	OR阀体 OR body	锌合金 Zinc alloy
21	O型圈 O-ring	NBR
22	复位弹簧 Spring	SWPB
23	旋风叶轮 Whirl wind impeller	POM



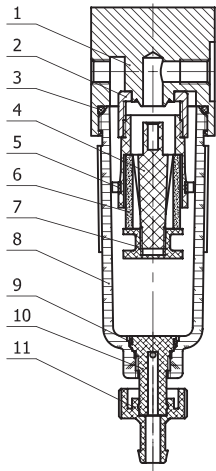
序号 NO.	名称 Item	材料 Material
1	调压手轮 Pressure knob	POM
2	阀盖 Regulator cap	POM
3	六角螺帽 Regulator nut	S35C
4	调压螺杆 Adjusting spindle	S35C
5	弹簧 Pressure spring	SWC
6	滚化并帽 Fixed ring	6061-T6
7	膜片 Diaphragm	NBR+尼龙网 NBR+Nylon
8	O型圈 O-ring	NBR
9	阀芯 Spool	POM
10	密封座 Seal base	6061-T6+NBR
11	复位弹簧 Spring	SWPB
12	耐磨垫片 Wearing sheet	绝缘胶板 Insulation sheet
13	OR阀体 OR body	锌合金 Zinc alloy
14	O型圈 O-ring	NBR
15	锁紧盖 Locker cover	ADC10



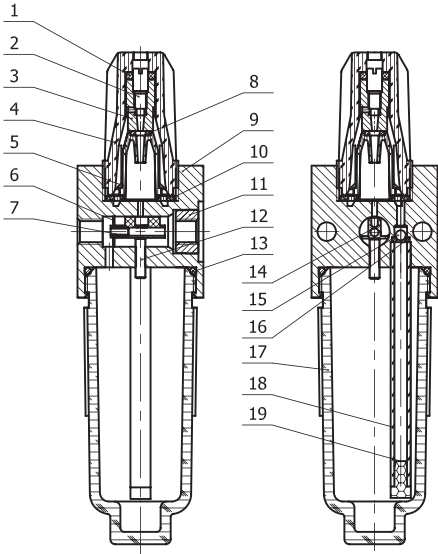
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内部结构图 Inner structure

内部结构图 Inner structure		
序号 NO.	名称 Item	材料 Material
1	OF 阀体 OF Body	锌合金 Zinc alloy
2	滤芯座接头 Connecting base	6061-T6
3	O型圈 O-ring	NBR
4	滤芯座 Filter element base	POM
5	旋风叶轮 Whirl wind impeller	POM
6	滤芯 Filter element	聚乙烯 PE
7	挡水板 Manger	POM
8	水杯 Filter bowl	PC
9	O型圈 O-ring	NBR
10	内接头 Inner joint	POM
11	放水器 Condensate drain	POM

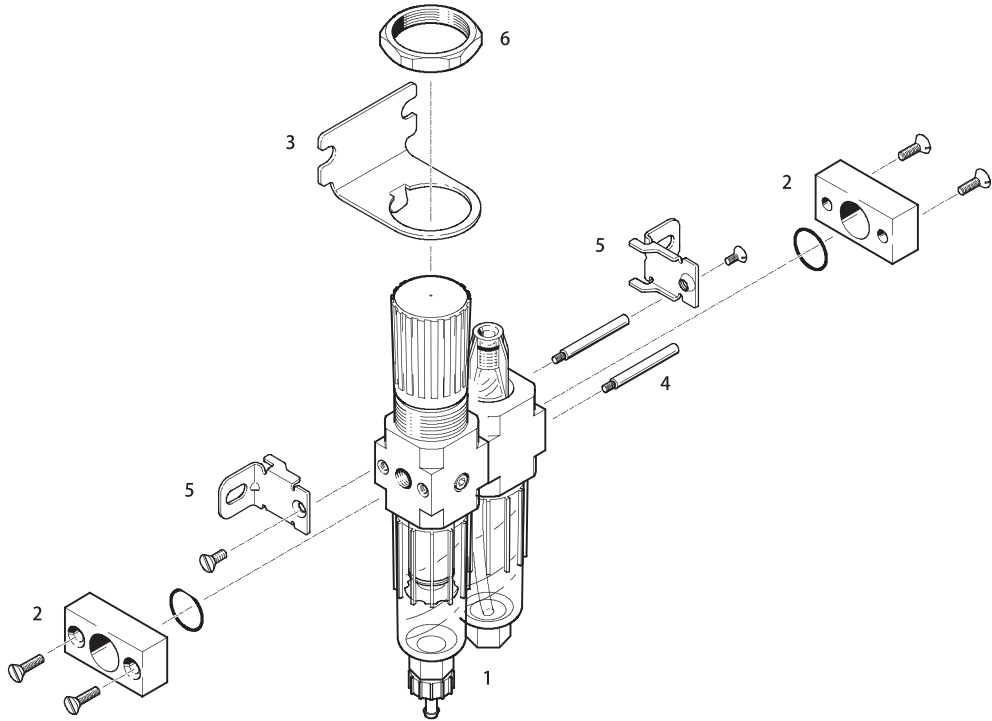


序号 NO.	名称 Item	材料 Material
1	O型圈 O-ring	NBR
2	调节螺钉 Adjust screw	黄铜 Brass
3	针座 Screw base	黄铜 Brass
4	视油窗 Upper glass	PC
5	滴油嘴 Oil dropping	PC
6	挡风片 Windshield chip	NBR
7	挡风座隔套 Sleeve	黄铜 Brass
8	O型圈 O-ring	NBR
9	OL阀体 OL Body	锌合金 Zinc alloy
10	密封平垫 Seal piece	NBR
11	M5接头 M5 Fitting	6061-T6
12	止头螺丝 Ending screw	S35C
13	O型圈 O-ring	NBR
14	挡风座 Windshield base	POM
15	钢球 Steel ball	SUS304
16	O型圈 O-ring	NBR
17	油杯 Lubricator bowl	PC
18	油管 Oil tube	PU
19	滤塞 Oil-filter plug	Brass powder sintered



微型系列气源处理 MICRO Series air preparations

外围元件一览 Peripherals overview



序号 NO.	名称 Item	简要说明 Brief description
1	OU-MICRO	MICRO: 壳体内的连接尺寸 M5,M7 The port of inner housing
2	连接板组件 Connecting plate kit PBL	连接尺寸G1/8 Connecting G1/8
3	安装支架 (2件) Mounting bracket OHO	安装支架 用于将气源处理装置安装到设备上 To assemble with equipments
4	双头螺栓 (2件) double-end bolt	用于单个装置的组合 Combination of seperate unit
5	安装支架 Mounting bracket OHC	用于设备安装 For equipment installation
6	六角螺母 Hexagon nut HMR	在通过安装支架 进行安装时所需的元件 Necessary for OHO bracket