

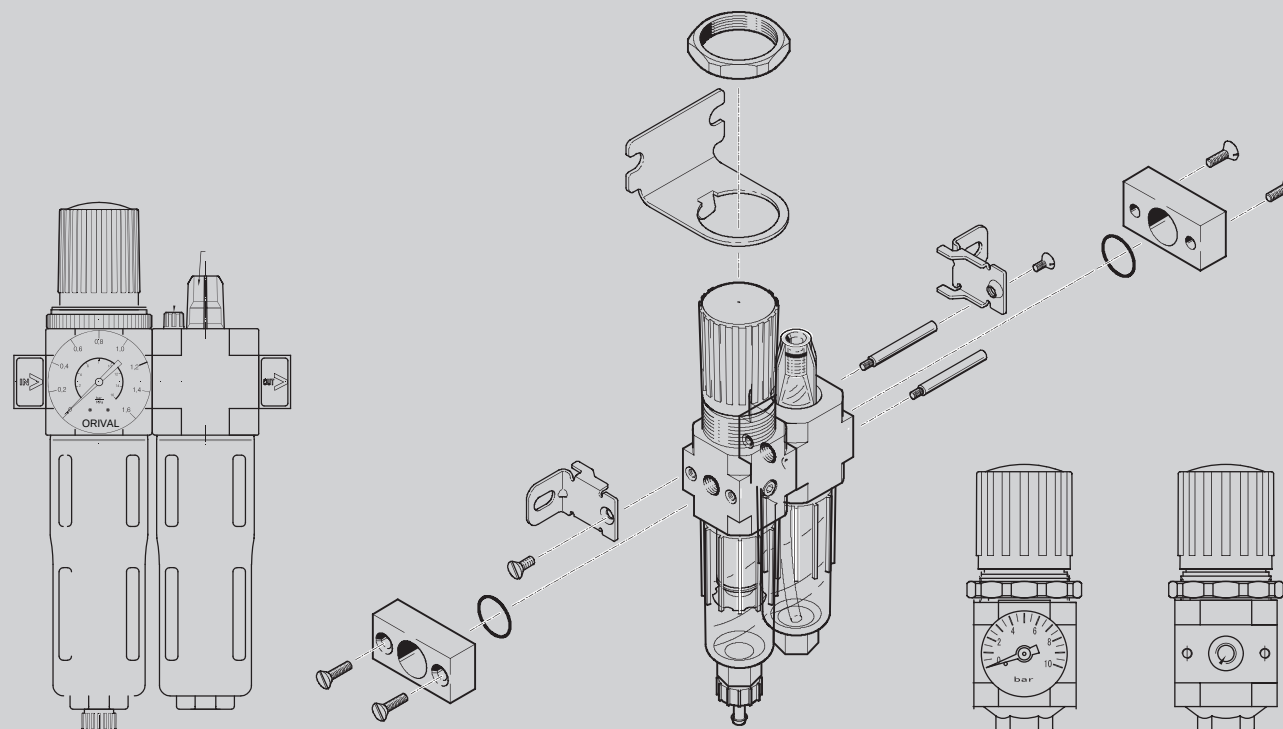


奧瑞集團(香港)有限公司

ORIVAL GROUP (HONG KONG) LIMITED

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Welcome to ORIVAL



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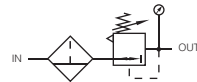
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Pneumatic component



过滤减压阀 Filter regulator / ORFR

型号代码 Type codes



过滤器和减压阀组成一个单独的装置,能过滤空气中的液态油、冷凝水及杂质,对于特殊应用场合,5 μm 滤芯容易替换40 μm 的标准滤芯。即使输入压力与压缩空气消耗产生系统波动,减压阀也能保证其设定的工作压力非常稳定。

Filter and pressure regulator combine a single unit, and cleans the compressed air of fluid oil, condensation and dirt particles. For special application, the standard 40µm filter element may easily be replaced by a 5 µm filter element.

The OR maintain inputting constant operating pressure despite fluctuation in line pressure and the amount of air consumed.

基本功能 Basic function	
ORFR	过滤减压阀 Filter regulator
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
压力调节范围 Pressure regulation range	
	0.5...12bar
7	0.5...7bar
过滤等级 Grade of Filtration	
	40 μ m
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	
MINI	小型
MIDI	中型
MAXI	大型
排水阀 Condensate drain	
	手动 Turned manually
S	半自动 Semi-automatic
A	自动 Fully automatic

过滤减压阀 Filter regulator / ORFR

技术参数 Technical data

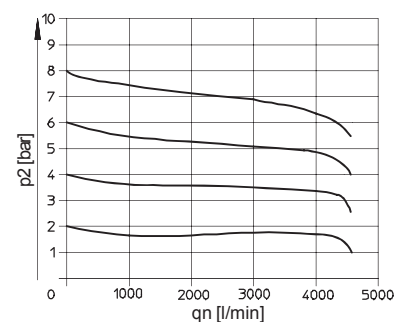
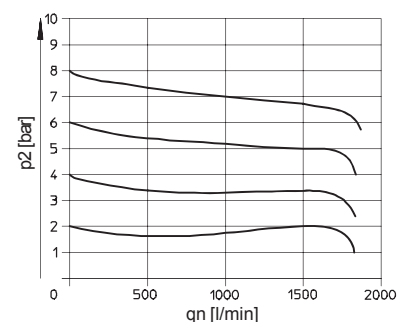
主要技术参数 General technical data									
Size		MINI			MIDI			MAXI	
工作介质 Medium		压缩空气 Compressed air							
结构特点 Features of structure		带水分离器的烧结式过滤器；MINI/MIDI：膜片式减压阀；MAXI：活塞式减压阀 Sintered filter with water separator；MINI/MIDI：Diaphragm type regulator； MAXI：Piston regulator							
安装方式 Mounting type		管式安装或支架安装 Pipe mounting or foot mounting							
安装位置 Assembly position		垂直方向±5° Vertical±5°							
连接尺寸 Connection		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	ORFR-...（-A）	750	1400	1600	3100	3400	3400	9000	10000
	ORFR-...-7-（-A）	900	1500	1700	3400	3900	4000	9500	16000
	ORFR-...-5M-（-A）	650	1200	1350	2400	2500	2600	7300	7600
输入压力 Primary pressure	手动排水阀 Manual condensate drain	1~16bar							
	自动排水阀 Automatic condensate drain	1.5~12bar							
工作压力 Working pressure		0.5~12bar / 0.5~7bar							
过滤精度 Grade of filtration		40 μm / 5 μm							
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；过滤杯：聚碳酸酯；金属保护罩：铝合金；密封：丁腈橡胶；调压手轮：POM Housing：Zinc die-casting；Filter bowl：PC； Metal bowl guard：Aluminium alloy；Sealing：NBR；Adjusting knob：POM							

技术参数 Technical data

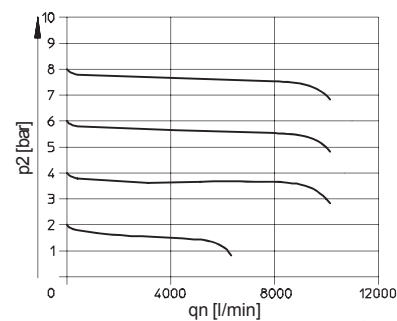
The technical drawings show the OHC bracket and metal bowl guard for the manual condensate drain. The OHC bracket is shown in two views: a front view and a side view. The front view shows a circular gauge with a needle and scale, and a cylindrical body with a handle. The side view shows the bracket's profile and the handle. The metal bowl guard is shown in a side view, showing its cylindrical shape and the handle. Dimensions are indicated by lines and labels: E8, E9, E3, F2, F3, H3, E4, E5, E6, E3, E4, L1, L2, L3, E7, F1, H5, H4, H1, H6, and F5. Labels include 'OHC型安装支架' (OHC bracket), '金属保护罩' (Metal bowl guard), and '手动放水器' (Manually condensate drain).

标准额定流量 q_n 和输出压力 p_2 的关系 Standard flow rate q_n as a function of the output pressure p_2

ORFR-1/2-MIDI



ORFR-1-MAXI



技术参数 Technical data

Technical drawing of a mechanical device, likely a pump or valve, showing a cross-section and a side view. The cross-section is labeled with numbers 1 through 34, and the side view is labeled with numbers 20 through 34. The device has a cylindrical body with various internal components and a flange at the bottom.

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