



BASELINE™ R 104/1.

Four-port single stage line regulator 5.0.



R 104/1.

Description

The R 104/1 regulators are intended for secondary pressure control of noncorrosive, high purity or liquefied gases or as point of use pressure control in high purity gas distribution systems up to purities 5.0. For high purity or corrosive gases use the stainless steel version. R 104/1 can be plain or equipped with a diaphragm valve (type A) or a needle valve (type B).

Product name	bar	psi	HiQ® code
R 104/1, brass	0-1	0-15	5688
R 104/1, brass	0-3.5	0-50	5689
R 104/1, brass	0-7	0-100	5690
R 104/1, brass	0-10.5	0-150	5691
R 104/1, brass	0-17	0-250	5692
R 104/1, brass	0-35	0-500	5693
R 104/1, stainless steel	0-1	0-15	5694
R 104/1, stainless steel	0-3.5	0-50	5695
R 104/1, stainless steel	0-7	0-100	5696
R 104/1, stainless steel	0-10.5	0-150	5697
R 104/1, stainless steel	0-17	0-250	5698
R 104/1, stainless steel	0-35	0-500	5699
R 104/1 A, brass	0-1	0-15	5700
R 104/1 A, brass	0-3.5	0-50	5701
R 104/1 A, brass	0-7	0-100	5702
R 104/1 A, brass	0-10.5	0-150	5703
R 104/1 A, brass	0-17	0-250	5704
R 104/1 A, brass	0-35	0-500	5705
R 104/1 A, stainless steel	0-1	0-15	5706
R 104/1 A, stainless steel	0-3.5	0-50	5707
R 104/1 A, stainless steel	0-7	0-100	5708
R 104/1 A, stainless steel	0-10.5	0-150	5709
R 104/1 A, stainless steel	0-17	0-250	5710
R 104/1 A, stainless steel	0-35	0-500	5711

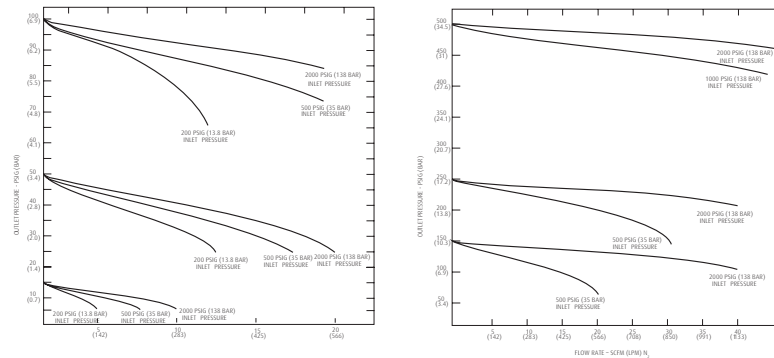
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Product name	bar	psi	HiQ® code
R 104/1 B, brass	0-1	0-15	5712
R 104/1 B, brass	0-3.5	0-50	5713
R 104/1 B, brass	0-7	0-100	5714
R 104/1 B, brass	0-10.5	0-150	5715
R 104/1 B, brass	0-17	0-250	5716
R 104/1 B, brass	0-35	0-500	5717
R 104/1 B, stainless steel	0-1	0-15	5718
R 104/1 B, stainless steel	0-3.5	0-50	5719
R 104/1 B, stainless steel	0-7	0-100	5720
R 104/1 B, stainless steel	0-10.5	0-150	5721
R 104/1 B, stainless steel	0-17	0-250	5722
R 104/1 B, stainless steel	0-35	0-500	5723

Technical data

Max primary pressure	210 bar	3,000 psi
Outlet pressure	0-1 bar	0-15 psi
	0-3.5 bar	0-50 psi
	0-7 bar	0-100 psi
	0-10.5 bar	0-150 psi
	0-17 bar	0-250 psi
	0-35 bar	0-500 psi
Outlet gauge range	-2-2 bar	-30-30 psi
	-2-7 bar	-30-100 psi
	-2-14 bar	-30-200 psi
	0-28 bar	0-400 psi
	0-70 bar	0-1,000 psi
	Connection	Out = NPT 1/4" female
Operating temperature	-40 - +60°C	-40 - +140°F
Weight	0.8 kg	1.7 lb
Material		
Housing	Brass, Cr plated Stainless steel 316L	
Seals	PTFE	
Membrane	Stainless steel 316L	
Seating	PTFE	

Flow characteristics



All measurements in millimeters.
Drawings of other types available on request.

