

BASELINE™ C 106X/1. Six-port single stage extra high pressure cylinder regulator.



C 106X/1A.

Description

The C 106X/1 high pressure cylinder regulators are intended for primary pressure control of noncorrosive, high purity or liquefied gases or for applications where minor fluctuations in outlet pressure due to diminishing inlet supply can be tolerated. For ultra high purity or corrosive gases use the stainless steel version. C 106X/1 can be plain or equipped with a diaphragm valve (type A) or a needle valve (type B).

Product name	bar	psi	HiQ® code
C 106X/1, brass	0-3.5	0-50	5574
C 106X/1, brass	0-7	0-100	5575
C 106X/1, brass	0-10.5	0-150	5576
C 106X/1, brass	0-17	0-250	5577
C 106X/1, brass	0-35	0-500	5578
C 106X/1, stainless steel	0-3.5	0-50	5579
C 106X/1, stainless steel	0-7	0-100	5580
C 106X/1, stainless steel	0-10.5	0-150	5581
C 106X/1, stainless steel	0-17	0-250	5582
C 106X/1, stainless steel	0-35	0-500	5583
C 106X/1 A, brass	0-3.5	0-50	5584
C 106X/1 A, brass	0-7	0-100	5585
C 106X/1 A, brass	0-10.5	0-150	5586
C 106X/1 A, brass	0-17	0-250	5587
C 106X/1 A, brass	0-35	0-500	5588
C 106X/1 A, stainless steel	0-3.5	0-50	5589
C 106X/1 A, stainless steel	0-7	0-100	5590
C 106X/1 A, stainless steel	0-10.5	0-150	5591
C 106X/1 A, stainless steel	0-17	0-250	5592
C 106X/1 A, stainless steel	0-35	0-500	5593
C 106X/1 B, brass	0-3.5	0-50	5594
C 106X/1 B, brass	0-7	0-100	5595
C 106X/1 B, brass	0-10.5	0-150	5596
C 106X/1 B, brass	0-17	0-250	5597
C 106X/1 B, brass	0-35	0-500	5598

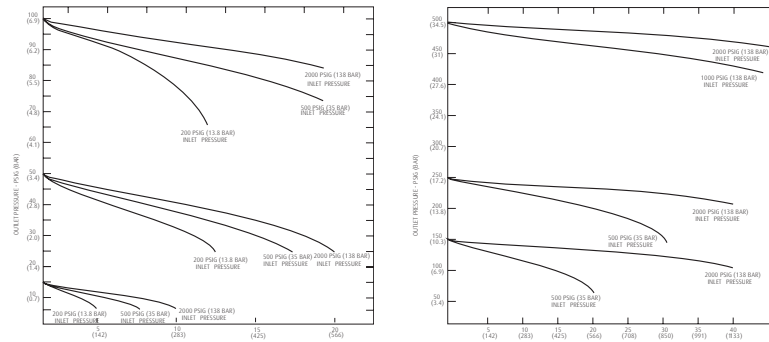
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Product name	bar	psi	HiQ® code
C 106X/1 B, stainless steel	0-3.5	0-50	5599
C 106X/1 B, stainless steel	0-7	0-100	5600
C 106X/1 B, stainless steel	0-10.5	0-150	5601
C 106X/1 B, stainless steel	0-17	0-250	5602
C 106X/1 B, stainless steel	0-35	0-500	5603

Technical data

Max primary pressure	310 bar	4,500 psi
Outlet pressure	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	-2-7 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	1.4 kg	3.1 lb
Material		
Housing	Brass, Cr plated Stainless steel 316L	
Seals	PTFE	
Membrane	Stainless steel 316L	
Seating	PCTFE	

Flow characteristics



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

