



# REDLINE<sup>®</sup> cylinder regulators C 200/1. Single-stage regulator.



C 200/1 A

## Description

C 200/1 is a single-stage cylinder regulator, especially suitable for specialty gases where demands on purity, tightness and safety are high. A single-stage regulator is preferred where the primary pressure is fairly constant (e.g. for gases in liquid phase). C 200/1 can be stand-alone or equipped with a shut-off valve (type A), a metering valve (type B) or equipped for purging of the high-pressure side (type P) or cross-purge (type XP).

Product name	bar	psi	HiQ <sup>®</sup> code
C 200/1, brass	0.2-3	3-45	4451
C 200/1, brass	0.5-6	8-85	5465
C 200/1, brass	2.5-14	35-200	5466
C 200/1, brass	2.5-50	35-725	4453
C 200/1, brass	10-200	150-3,000	4454
C 200/1, stainless steel	0.2-3	3-45	4455
C 200/1, stainless steel	0.5-6	8-85	5473
C 200/1, stainless steel	2.5-14	35-200	5474
C 200/1, stainless steel	2.5-50	35-725	4457
C 200/1, stainless steel	10-200	150-3,000	4458
C 200/1 A, brass	0.2-3	3-45	3100
C 200/1 A, brass	0.5-6	8-85	5467
C 200/1 A, brass	2.5-14	35-200	5468
C 200/1 A, brass	2.5-50	35-725	3102
C 200/1 A, brass	10-200	150-3,000	3103
C 200/1 A, stainless steel	0.2-3	3-45	3112
C 200/1 A, stainless steel	0.5-6	8-85	5475
C 200/1 A, stainless steel	2.5-14	35-200	5476
C 200/1 A, stainless steel	2.5-50	35-725	3114
C 200/1 A, stainless steel	10-200	150-3,000	3115
C 200/1 B, brass	0.2-3	3-45	3104
C 200/1 B, brass	0.5-6	8-85	5469
C 200/1 B, brass	2.5-14	35-200	5470
C 200/1 B, stainless steel	0.2-3	3-45	3116
C 200/1 B, stainless steel	0.5-6	8-85	5477
C 200/1 B, stainless steel	2.5-14	35-200	5478



## Continued

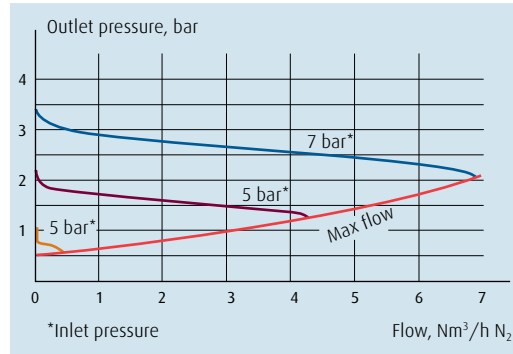
Product name	bar abs.	psi abs.	HiQ® code
C 200/1 P, brass	0.2-3	3-45	3108
C 200/1 P, brass	0.5-6	8-85	5471
C 200/1 P, brass	2.5-14	35-200	5472
C 200/1 P, brass	2.5-50	35-725	3110
C 200/1 P, brass	10-200	150-3,000	3111
C 200/1 P, stainless steel	0.2-3	3-45	3120
C 200/1 P, stainless steel	0.5-6	8-85	5479
C 200/1 P, stainless steel	2.5-14	35-200	5480
C 200/1 P, stainless steel	2.5-50	35-725	3122
C 200/1 P, stainless steel	10-200	150-3,000	3123
C 200/1 XP, brass	0.2-3	3-45	5564
C 200/1 XP, brass	0.5-6	8-85	5565
C 200/1 XP, brass	2.5-14	35-200	5566
C 200/1 XP, brass	2.5-50	35-725	5567
C 200/1 XP, brass	10-200	150-3,000	5568
C 200/1 XP, stainless steel	0.2-3	3-45	5569
C 200/1 XP, stainless steel	0.5-6	8-85	5570
C 200/1 XP, stainless steel	2.5-14	35-200	5571
C 200/1 XP, stainless steel	2.5-50	35-725	5572
C 200/1 XP, stainless steel	10-200	150-3,000	5573

## Technical data

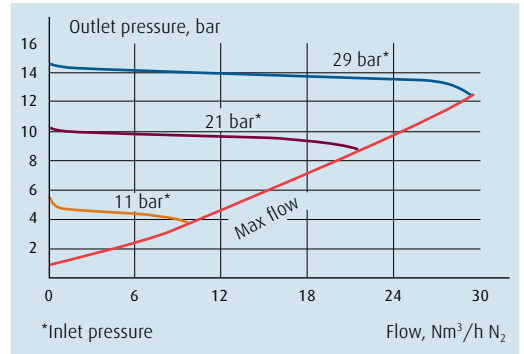
Primary pressure	230 bar	3,300 psi
Outlet pressure	0.2-3 bar	3-45 psi
	0.5-6 bar	8-85 psi
	2.5-14 bar	35-200 psi
	2.5-50 bar	35-725 psi
	10-200 bar	150-3,000 psi
Outlet gauge range	-1-5 bar	-14.5-75 psi
	-1-10 bar	-14.5-145 psi
	0-25 bar	0-360 psi
	0-80 bar	0-1,150 psi
	0-315 bar	0-4,500 psi
Stability	When the inlet pressure drops by 10 bar, 145 psi, the outlet pressure rises by less than 0.01 bar, 0.1 psi.	
Connection	Out = NPT ¼" female	
Operating temperature	-40 - +50 °C	-40 - +122 °F
Weight	3.0 kg	6.6 lb
Material:		
- Housing	Brass, Ni/Cr plated	Stainless steel 316L
- Seals	PVDF	PCTFE
- Membrane	Hastelloy®	
- Seating	PCTFE	

Flow charts

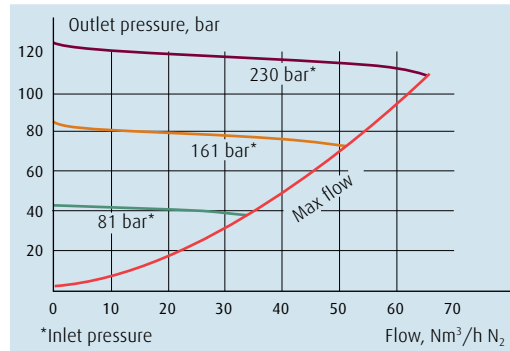
C 200/1 3



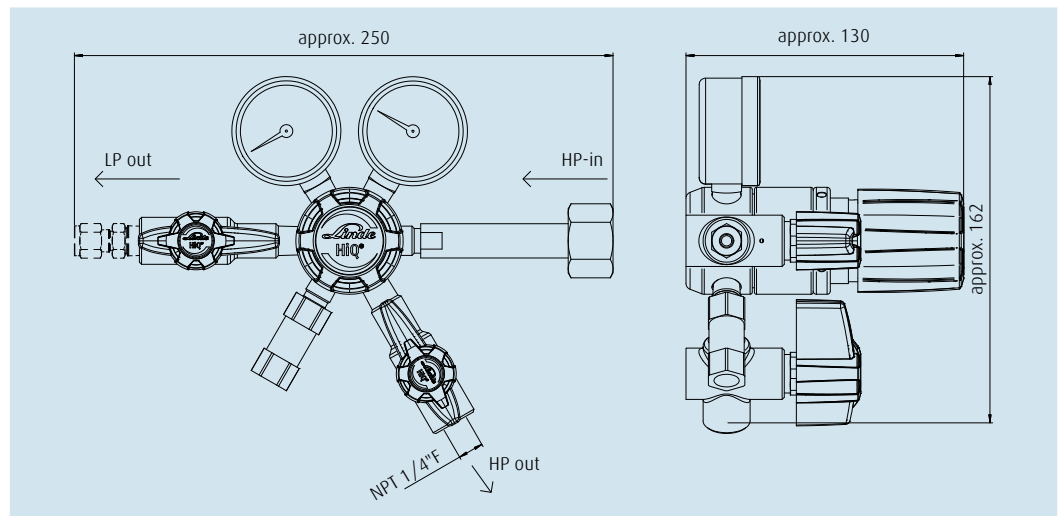
C 200/1 14



C 200/1 200



Drawing



C 200/1 P

