



REDLINE® cylinder regulators C 300/2. Two-stage regulator.



C 300/2

Description

C 300/2 is a dual stage cylinder regulator for specialty gases. A dual stage regulator is used when a very stable downstream pressure is needed despite a decreasing inlet pressure of compressed gases. C 300/2 can be plain or equipped with shut off valve (type A), a metering valve (type B) or with upstream purge (type P). The C300 can be ordered as a 200 or 300 bar regulator.

Product name	bar	psi	HiQ® code (brass)	HiQ® code (stainless steel)
C 300/2	0.2-1	3-14	7180	7186
C 300/2	0.2-3	3-45	7150	7165
C 300/2	0.5-10	8-145	7151	7166
C 300/2	1-16	14-232	7152	7167
C 300/2 A	0.2-1	3-14	7182	7187
C 300/2 A	0.2-3	3-45	7153	7168
C 300/2 A	0.5-10	8-145	7154	7169
C 300/2 A	1-16	14-232	7155	7170
C 300/2 B	0.2-1	3-14	7183	7188
C 300/2 B	0.2-3	3-45	7156	7171
C 300/2 B	0.5-10	8-145	7157	7172
C 300/2 B	1-16	14-232	7158	7173
C 300/2 P	0.2-1	3-14	7184	7189
C 300/2 P	0.2-3	3-45	7159	7174
C 300/2 P	0.5-10	8-145	7160	7175
C 300/2 P	1-16	14-232	7161	7176
C200 hv/2*	0.1-2 (abs.)	1.5-30 (abs.)	5441	5447
C200 hv/2 A*	0.1-2 (abs.)	1.5-30 (abs.)	5443	5449

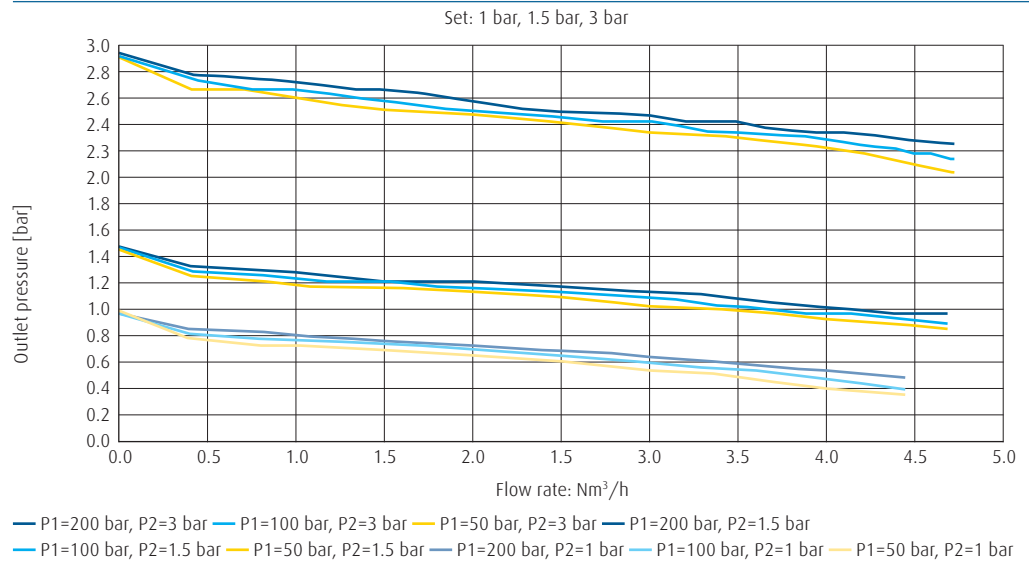


*Pressure range 200 bar. Can be regulated in vacuum e.g. -0.9-1 bar in normal pressure.

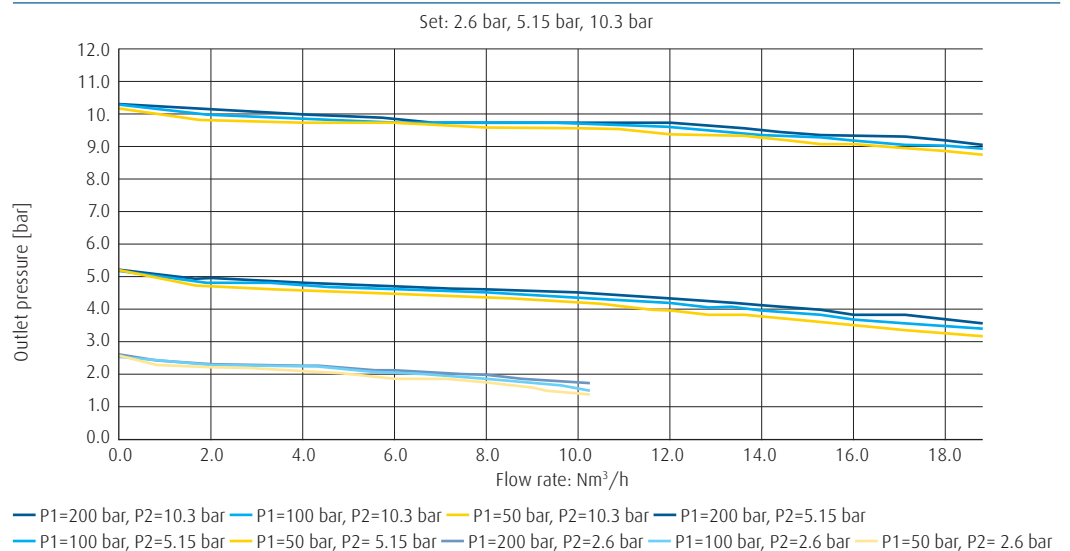
Technical data

Max primary pressure	7-300 bar	101.5-4351 psi
Outlet pressure	0.2-1 bar	3-14 psi
	0.2-3 bar	3-45 psi
	0.5-10 bar	8-145 psi
	1-16 bar	14-232 psi
Outlet gauge range	-1-5 bar (for 0.2-1 bar and 0.2-3 bar outlet pressure)	-14.5-75 psi
	-1-18 bar (for 0.5-10 bar outlet pressure)	-14.5-261 psi
	0-25 bar (for 1-16 bar outlet pressure)	0-363 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 = 6mm compression fitting (others on option)	
Operating temperature	-20-+70 °C	-4-+140 °F
Weight	1.3 kg	2.21 lb
Material:		
- Housing	Brass/Ni/Cr plated	Stainless steel 316L
- Seal, relief valve	FKM	FKM
- Membrane (diaphragm)	Stainless Steel	Hastelloy®
- Seat Seal	PCTFE	PCTFE

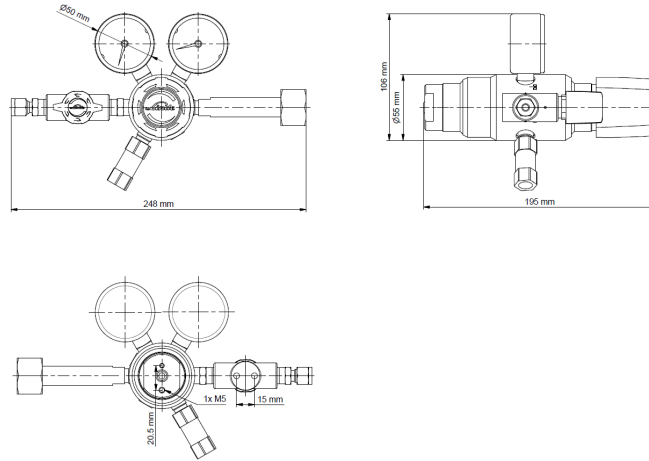
Flow curves C 300/2-3 bar



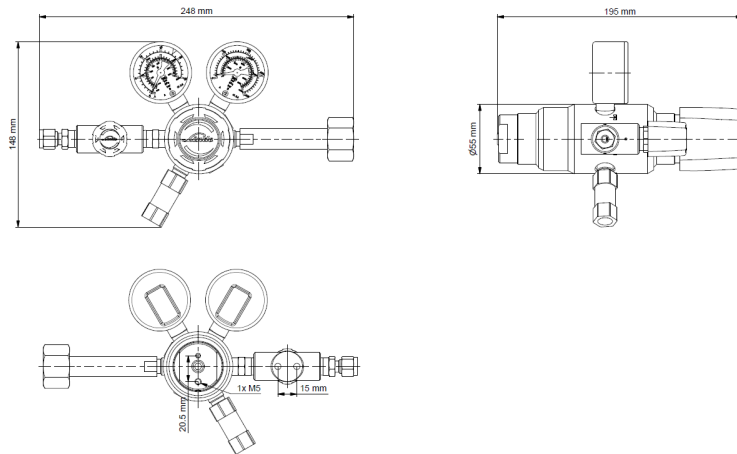
C 300/2-10 bar



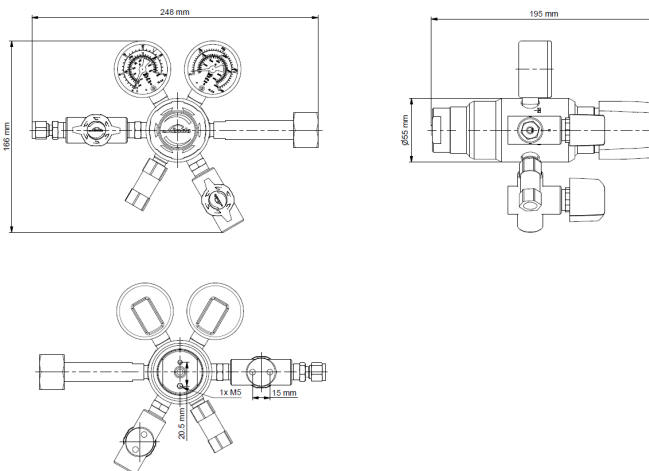
Drawings



C 300/2 A



C 300/2 B



C 300/2 P

Linde Gas

www.linde-gas.dk, www.linde-gas.ee, www.linde-gas.fi, www.linde-gas.is, www.linde-gas.lt,
www.linde-gas.lv, www.linde-gas.no, www.linde-gas.se