

# REGULATORER

## HD-CO 200-4-2



- Høytrykksregulator - Single scenen
- Montering på 200 bar gass-sylinder - sideinngang
- Egnet for rene gasser og giftige blandinger
- Laget av messing

Industrial Process

### Domains of applications

#### Designed for implementation of:

giftige blandinger, Applikasjoner som krever høye strømnings-hastigheter

### Specifications

Maximal inlet pressure at 15°C .....	200 bar
Outlet Pressure.....	0,4 til 4 bar
Nominal nitrogen flow .....	2 Nm <sup>3</sup> /h*
Set pressure .....	6 bar

Tasso di fuga interno / esterno  $\leq 3 \times 10^{-7}$  mbar.l/s di elio., Driftstemperatur: -20 ° C til + 50 ° C.

\*garantert ved maksimalt utløpstrykk P2 opp til et innløpstrykk P3 = 2P2 + 1 bar.

### Materials

Body .....	Messing
Seat .....	PCTFE
Main valve.....	Brass PCTFE belagt
Diaphragm .....	Rustfritt stål
Filter .....	Monel® 400
	Ø 50mm, Rustfritt stål, Forsegle i
Pressure gauge .....	PA 6.6
	Seal i EPDM, Poppet i rustfritt stål,
Relief valve .....	Body i 303 rustfritt stål

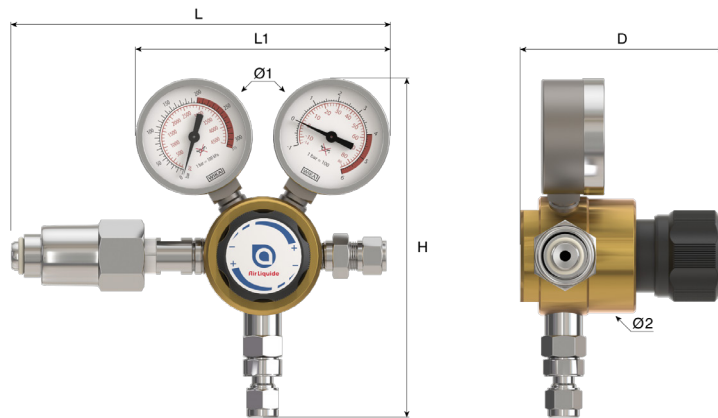
Monel® er et varemerke for Special Metals Corporation.

### Safety Alert

⚠ Forsiktighet! I tilfellet med anvendelse av giftige og korrosive gasser, følger rensefremgangsmåten for utstyret.

# Dimensions

- Length (L) : 110 mm
- Length (L1) : 109 mm
- Height (H) : 115 mm
- Depth (D) : 96 mm
- Ø1 : 50 mm
- Ø2 : 50 mm
- Net weight : 1.22 kg



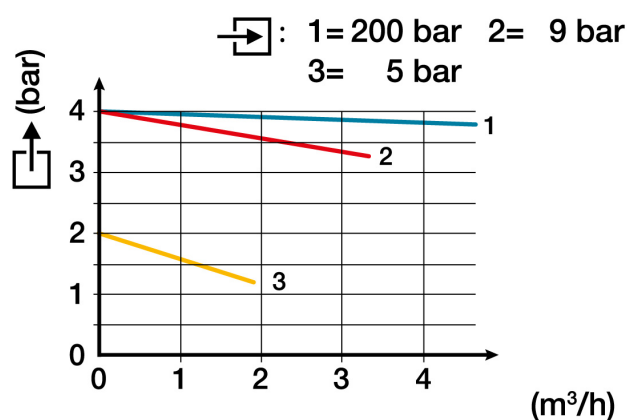
# Operating instructions

OP 150 - HD CO

# Connection

- Inlet connection:** HP cylinder beslaget ifølge gass
- Outlet connection:** 2 utløpsporter G 3/8 BSPP hunn
- Relief valve connection:** Cr-messing Kompresjons montering 6mm, messing Ferrules

# Flow curve



# Products

Product Number	Short Designation	Gas	Inlet Pressure	Outlet Pressure	Flow	Inlet Fitting	Inlet Fitting Form	Outlet Fitting	Material
179102	REG HD 300-4-2 CO DIN 5 - CF 6MM	CO, CO mixt	200 bar	4 bar	2 Nm³/h	DIN 477-1 Nr. 5	Wrench Stainless Steel	CF 6mm	Messing
184985	REG HD-CO 300-4-2 DIN 1 - CF 6MM	CO, CO mixt	200 bar	4 bar	2 Nm³/h	DIN 477-1 Nr. 1	Wrench Stainless Steel	CF 6mm	Messing

# Options

	Product Number	Long designation
	16558	Connector SS G3/8 BSPP Male *Compression fitting 6mm OD SS *Flat seal PTCFE
	16562	COMP. FITTING G3/8" 8 MM SS
	16566	Connector SS G3/8 BSPP Male *Compression fitting 1/8" OD SS *Flat seal PTCFE
	16567	Connector SS G3/8 BSPP Male *Compression fitting 10mm OD SS *Flat seal PTCFE

	Product Number	Long designation
	16569	Connector SS G3/8 BSPP Male *Compression fitting 12mm OD SS *Flat seal PTCFE
	19207	LEAK DETECTOR "1000 BULLES"

# Spare parts

Product Number		Long designation
179102	17141	FLAT SEAL in PTFE 14,5x10x2 for outlet port G3/8
	17207	Flat Tetning (Kel-F®) 18x7x2
184985	17130	O-RING in EPDM R9 10,5x2,7 mm EP851 for inlet connection brass - type C/B4 & E(NF)