

REGULATORER HD 300 200-4-2



- Høytrykksregulator - Single scenen
- Montering på 200 bar gass-sylinder - Høy presisjon av reguleringen
- Egnet for rene gasser og blandinger, ikke etsende
- Forkrommet messing

Laboratorier og analyse

Domains of applications

Designed for implementation of:

Ikke-etsende rene gasser opp til N60 inkludert ALPHAGAZTM 1 & 2, Ikke-korrosive gasser med konsentrasjon som er større enn 1 ppm

Designed for:

Å skape beskyttende og behandle gassatmosfære

Specifications

Maximal inlet pressure at 15°C 200 bar

Outlet Pressure..... 0,3 til 4 bar

Nominal nitrogen flow 2 Nm³/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 Forkrommet messing

Seat Messing

Main valve..... Brass PCTFE belagt

Diaphragm Rustfritt stål

Filter Monel[®] 400

Pressure gauge Kobber legering mekanisme, Ø

50mm, Forsegle i PA 6.6

Seal i EPDM, Poppet i messing,

Relief valve Body i 303 rustfritt stål

Seal PCTFE, Kobber, PA 6.6

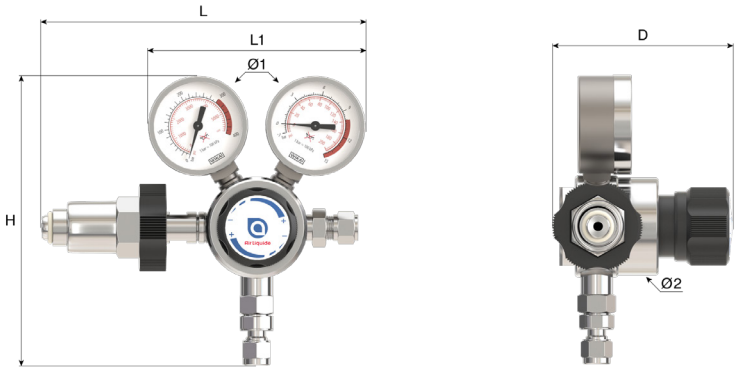
Hastelloy[®] er et registrert varemerke for Haynes International, Inc.

Safety Alert

⚠ Forsiktighet! Ved bruk av brennbare gasser, skal alle purge og overløpsventiler samles opp.

Dimensions

- Length (L) : 165 mm
- Length (L1) : 109 mm
- Height (H) : 116 mm
- Depth (D) : 96 mm
- Ø1 : 50 mm
- Ø2 : 52 mm
- Net weight : 1.22 kg



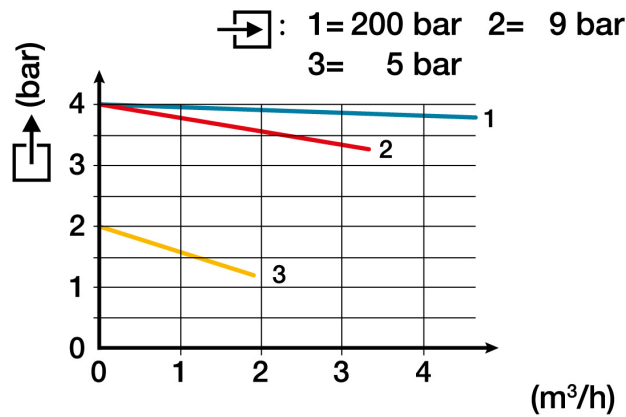
Operating instructions

OP 150 - HD300

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	Material
213327	REG HD 300 200-4-2 DIN-9	blandinger	200 bar	4 bar	2 Nm³/h	DIN 477-1 Nr. 9	Wrench Cr-Brass	Cr-Brass
213267	REG HD300 200-4-2 DIN 477-1 NO.14 - KIT	blandinger	200 bar	4 bar	2 Nm³/h	DIN 477-1 Nr. 14	Wrench Cr-Brass	Cr-Brass
165254	REG HD 300 200-4-2 DIN 477-1 KIT N°2	H2	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
165276	REG HD 300 200-4-2 DIN 477-10 - KIT N°2	N2	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
165274	REG HD 300 200-4-2 DIN 477-13 - KIT N°2	Luft	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
165260	REG HD 300 200-4-2 DIN 477-14 - KIT N°2	Ikke-reaktiv blanding	200 bar	4 bar	2 Nm³/h			Cr-Brass
165252	REG HD 300 200-4-2 DIN 477-6 - KIT N°2	CO2, O2	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
193536	REG HD 300 200-4-2 DIN 477-1	H2	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
193545	REG HD 300 200-4-2 DIN 477-10	N2	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
193544	REG HD 300 200-4-2 DIN 477-13	Luft	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
193539	REG HD 300 200-4-2 DIN 477-14	Ikke-reaktiv blanding	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
193535	REG HD 300 200-4-2 DIN 477-6	CO2, O2	200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass

Options

	Product Number	Long designation
	16516	CONN. G3/8 BSPP M NIP. F/PIPE Ø 4-6MM
	16521	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 1/8" OD Brass *Flat seal PTCFE
	16522	CONNECTION G 3/8" Male Compression Fitting 6 MM Br
	16523	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 1/4" OD Brass *Flat seal PTCFE
	16524	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 10mm OD Brass *Flat seal PTCFE
	16526	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 8mm OD Brass *Flat seal PTCFE
	16532	Connector SS G3/8 BSPP Male *Kit N°2 CF 1/8" and 6mm OD SS *Flat seal PTCFE

	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
	16569	Connector SS G3/8 BSPP Male *Compression fitting 12mm OD SS *Flat seal PTCFE
	19207	LEAK DETECTOR "1000 BULLES"
	19286	Connection G3/8 BSPP M NIP. Ø 8-10MM BR

Spare parts

Product Number		Long designation
213327	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17130	O-RING in EPDM R9 10,5x2,7 mm EP851 for inlet connection brass - type C/B4 & E(NF)
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
213267	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17130	O-RING in EPDM R9 10,5x2,7 mm EP851 for inlet connection brass - type C/B4 & E(NF)
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
165254	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
165276	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
165274	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s

Product Number		Long designation
165260	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
165252	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
193536	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17130	O-RING in EPDM R9 10,5x2,7 mm EP851 for inlet connection brass - type C/B4 & E(NF)
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
193545	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
193544	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
193539	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel

Product Number		Long designation
193539	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
193535	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s