

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

Hev standarden i laboratoriet med HD-serien – en kompakt, ergonomisk utformet regulator konstruert for gasser med høy renhet og blandinger opptil grad 6.0.

Designed for implementation of:

Ikke-etsende rene gasser opp til N60 inkludert ALPHAGAZ™ 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*
 Maximal flow 6 m³/h
 Set pressure 6 bar

Tasso di fuga interno / esterno ≤ 3x10⁻⁷ 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 Ø 50mm, Kobber legering mekanisme, Forsegle i PA 6.6
 Relief valve Body i 303 rustfritt stål, Poppet i messing, Seal i EPDM

Seal Kobber, PA 6.6, PCTFE

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

Highlights

Ytelse: Optimalisert med et lavt internt volum for å opprettholde gassens integritet.

Presisjon: Utstyrt med en slitesterk membran i rustfritt stål for pålitelig ett-trinns reduksjon.

Laboratorieoptimalisert: Den lette konstruksjonen gjør at den passer perfekt for sensitive analyseinstrumenter og kontrollerte miljøer.

Materialer: Utført i førsteklasses forkrommet messing for langvarig holdbarhet.

INFO +

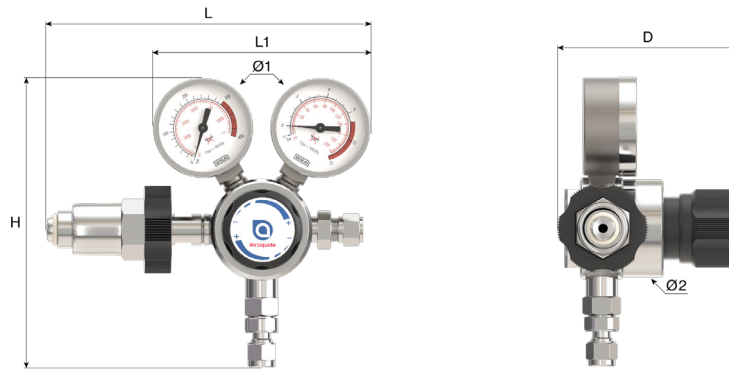
2.1 Samsvarserklæring er tilgjengelig på forespørsel. Vennligst kontakt kundeserviceteamet eller produktledelsen før bestilling.

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



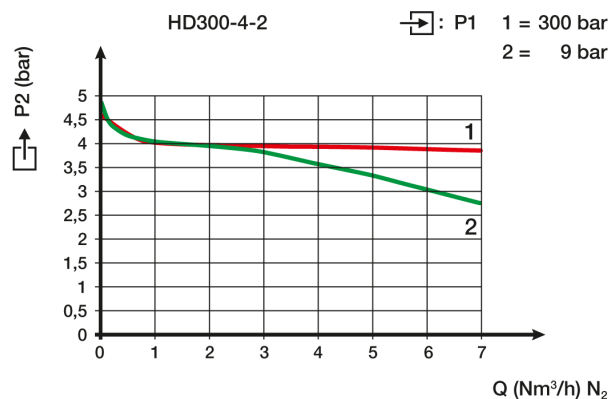
Operating instructions

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		200 bar	4 bar	2 Nm³/h	DIN 477-1 Nr. 9	Wrench Cr-Brass	Cr-Brass
213267	HD300 200-4-2 DIN 477-1 NO.14 - KIT N°2		200 bar	4 bar	2 Nm³/h	DIN 477-1 Nr. 14	Wrench Cr-Brass	Cr-Brass
213292	REG HD 300 200-4-2 DIN 477-1 NO.14		200 bar	4 bar	2 Nm³/h		Wrench Cr-Brass	Cr-Brass
214082	REG HD 300 200-4-2 DIN-9 - KIT N°2		200 bar	4 bar	2 Nm³/h	DIN 477-1 Nr. 9	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
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
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	CONNECTION G3/8 BSPP Male with Barb Hose for flexible pipe Ø Int. 4 to 6mm
	16521	CONNECTION G 3/8 BSPP Male - CF 1/8" - Brass-Cr
	16522	CONNECTION G 3/8" Male Compression Fitting 6 MM Brass Chrome GYROLOK
	16523	CONNECTION G 3/8 BSPP Male - CF 1/4" - Brass-Cr
	16524	CONNECTION G 3/8 BSPP Male - CF 10mm - Brass-Cr
	16526	Connection G3/8 BSPP M - CF 8MM BRASS-CR
	16532	Kit n°2 : CF 6mm + CF 1/8" + Barbed hose 6mm

	Product Number	Long designation
	16558	Connection G3/8 BSPP M - CF 6MM SS
	16562	COMP. FITTING G3/8" 8 MM SS
	16566	Connection G3/8 BSPP M - CF 1/8" SS
	16567	Connection G3/8 BSPP M - CF 10MM SS
	16569	Connection G3/8 BSPP M - CF 12MM SS
	19207	LEAK DETECTOR "1000 BULLES"
	19286	Connection G3/8 BSPP M NIP. Ø 8-10MM BR

Spare parts

Product Number	SP 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 PTFCE (KEL-F®) 14,5X10X2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
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 PTFCE (KEL-F®) 14,5X10X2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
213292	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTFCE (KEL-F®) 14,5X10X2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
214082	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 PTFCE (KEL-F®) 14,5X10X2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
165254	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTFCE (KEL-F®) 14,5X10X2

Product Number	SP Number	Long designation
165254	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTFCE (KEL-F®) 14,5X10X2
165276	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTFCE (KEL-F®) 14,5X10X2
165274	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTFCE (KEL-F®) 14,5X10X2
165252	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTFCE (KEL-F®) 14,5X10X2
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 PTFCE (KEL-F®) 14,5X10X2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
193545	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTFCE (KEL-F®) 14,5X10X2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals

Product Number	SP Number	Long designation
193544	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTCFE (KEL-F®) 14,5X10X2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals
193535	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	17141	Flat Seal PTCFE (KEL-F®) 14,5X10X2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 seals 0,5 mm, 2 seals 1 mm, 2 seals 1,5 mm) 1 KIT = 6 seals