

REGULATORER

HD 300-10-7



- Høytrykksregulator - Single scenen
- Montering på 200 eller 300 bar gassflaske - Sideinnføring
- 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 ALPHAGAZ™ 1 & 2, Ikke-korrosive gasser med konsentrasjon som er større enn 1 ppm

Specifications

Maximal inlet pressure at 15°C 300 bar

Nominal nitrogen flow 7 Nm³/h*

Set pressure 16 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 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

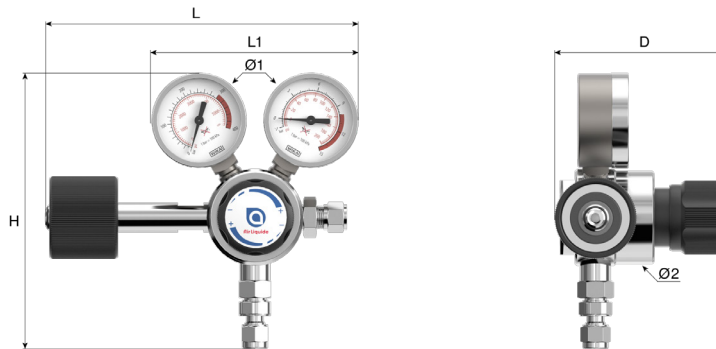
Monel® er et varemerke for Special Metals Corporation., Hastelloy® er et registrert varemerke for Haynes International, Inc.

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
- Height (H1) : 116 mm
- Depth (D) : 96 mm
- Ø1 : 50 mm
- Ø2 : 52 mm
- Net weight : 1.22 kg



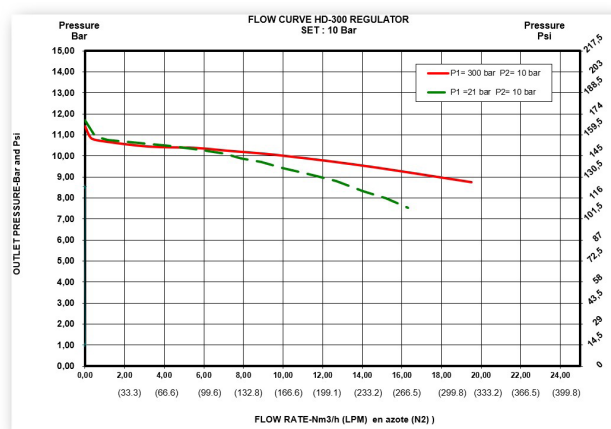
Operating instructions

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	Outlet Fitting	Material
181831	REG HD 300-10-7 ISO5145 N°32 - CF 6MM O2	O2	300 bar	10 bar	7 Nm³/h	DIN 477-5 Nr. 59	Hånd Cr-Brass	CF 6mm	Cr-Brass
181832	REG HD 300-10-7 ISO5145 N°30 - CF 6MM NG	He, N2, Ar	300 bar	10 bar	7 Nm³/h	DIN 477-5 Nr. 54	Hånd Cr-Brass	CF 6mm	Cr-Brass
181833	REG HD 300-10-7 ISO5145 N°38 - CF 6MM H2	H2	300 bar	10 bar	7 Nm³/h	DIN 477-5 Nr. 57	Hånd Cr-Brass	CF 6mm	Cr-Brass

Options

	Product Number	Long designation		Product Number	Long designation
	16516	CONN. G3/8 BSPP M NIP. F/PIPE Ø 4-6MM		16524	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 10mm OD Brass *Flat seal PTFCE
	16521	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 1/8" OD Brass *Flat seal PTFCE		16526	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 8mm OD Brass *Flat seal PTFCE
	16522	CONNECTION G 3/8" Male Compression Fitting 6 MM Br		16532	Connector SS G3/8 BSPP Male *Kit N°2 CF 1/8" and 6mm OD SS *Flat seal PTFCE
	16523	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 1/4" OD Brass *Flat seal PTFCE		16558	Connector SS G3/8 BSPP Male *Compression fitting 6mm OD SS *Flat seal PTFCE

	Product Number	Long designation
	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"
	19286	Connection G3/8 BSPP M NIP. Ø 8-10MM BR

Spare parts

Product Number	Product Number	Long designation
181831	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	129592	O-RING 7,65 X 1,78; EPDM (FOR 300BAR)
	161472	P GAUGE -1+10+15 Bar Brass Ø 50 Vertical Entry M10x1 M for HBS
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s)
181832	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
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