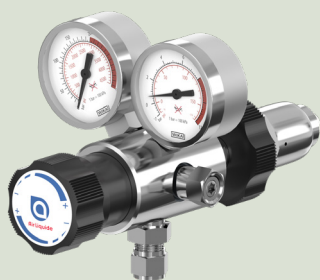


REGULATORER

AHL 200-16-25



- Høytrykksregulator - Single scenen
- Montering på 200 bar gassflaske - tilbake oppføring
- Egnet for rene gasser og blandinger, ikke etsende
- Forkrommet messing

Laboratorier og analyse, Apotek, Industrial Process

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

Except:

hydrokarboner

Specifications

Maximal inlet pressure at 15°C 200 bar
 Outlet Pressure..... 1 til 16 bar
 Nominal nitrogen flow 25 Nm³/h*
 Set pressure 24 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
 Kobber legering mekanisme, Ø
 Pressure gauge 50mm, Forsegle i PA 6.6
 Seal i EPDM, Poppet i messing,
 Relief valve Body i 303 rustfritt stål

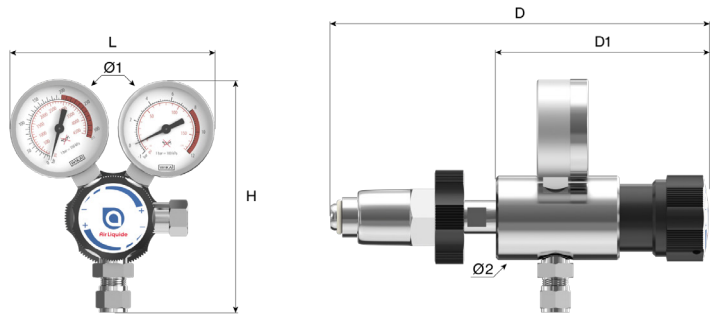
Monel® er et varemerke for Special Metals Corporation.

Safety Alert

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

Dimensions

Length (L) : 107 mm
Height (H) : 98 mm
Depth (D) : 185 mm
Depth (D1) : 110 mm
Ø1 : 50 mm
Ø2 : 45 mm
Net weight : 1.31 kg



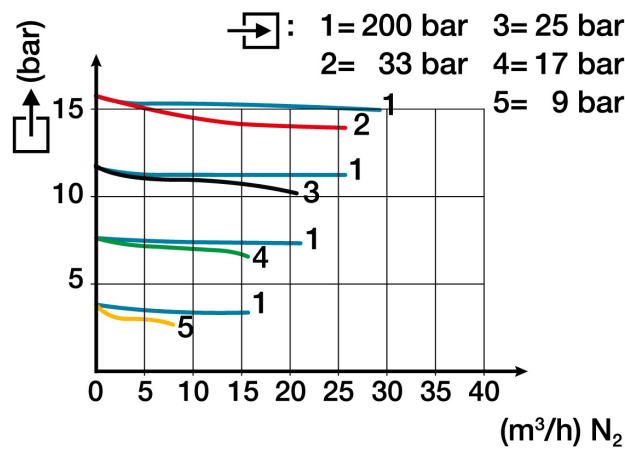
Operating instructions

OP 150 - AHL

Connection

Inlet connection: HP cylinder beslaget ifølge gass
Outlet connection: 2 utløpsporter G 3/8 BSPP hunn
Relief valve connection: Outlet port: G 1/4 BSPP kvinnelig

Flow curve



Products

Product Number	Short Designation	Gas	Inlet Pressure	Outlet Pressure	Flow	Inlet Fitting	Inlet Fitting Form	Outlet Fitting	Material
122792	REG AHL 200-16-25 DIN 10 - CF 6MM	He, N2, Ar	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 10	Wrench Cr-Brass	CF 6mm	Messing
122796	REG AHL 200-16-25 DIN 1 - CF 6MM	H2	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 1	Wrench Cr-Brass	CF 6mm	Messing
122794	REG AHL 200-16-25 DIN 6 - CF 6MM	CO2, O2	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 6		CF 6mm	Messing
122800	REG AHL 200-16-25 DIN 13 - CF 6MM	Luft	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 1. 3	Wrench Cr-Brass	CF 6mm	Messing
122798	REG AHL 200-16-25 DIN 14 - CF 6MM	Ikke-reaktiv blanding	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 14	Wrench Cr-Brass	CF 6mm	Messing
193371	REG AHL 200-16-25 DIN 10	He, N2, Ar	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 10		G 3/8 BSPP kvinnelig	Messing
193373	REG AHL 200-16-25 DIN 1	H2	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 1		G 3/8 BSPP kvinnelig	Messing
193372	REG AHL 200-16-25 DIN 6	CO2, O2	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 6	Wrench Cr-Brass	G 3/8 BSPP kvinnelig	Messing
193374	REG AHL 200-16-25 DIN 14	Ikke-reaktiv blanding	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 14	Wrench Cr-Brass	G 3/8 BSPP kvinnelig	Messing
193375	REG AHL 200-16-25 DIN 13	Luft	200 bar	16 bar	25 Nm³/h	DIN 477-1 Nr. 1. 3		G 3/8 BSPP kvinnelig	Messing

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
122792	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	16008	Manometer 0+0,1+0,16 BAR Ø50 Vertikal Anslutning. M10x1
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	29053	FLAT SEAL in PA 6.6 20x12x2
122796	15969	PRESSURE GAUGE 0- 200/315 Bar Ø 50mm Vertical Entry M10x1 Brass-Cr - Body S.Steel
	16008	Manometer 0+0,1+0,16 BAR Ø50 Vertikal Anslutning. M10x1
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	17203	FLAT SEAL in PTCFE 18x11,8x2 for inlet connection
	29053	FLAT SEAL in PA 6.6 20x12x2
122794	16004	PRESSURE GAUGE 0- 25 Bar Ø 50mm Lateral Entry M10
	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
122800	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	18547	PRESSURE GAUGE 0-100 Bar Ø 50mm Lateral Entry G1/
	29053	FLAT SEAL in PA 6.6 20x12x2
	29187	PACKNING 18X11,8X2 MM NYLON (Bag of 10)
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s

Product Number		Long designation
122798	16004	PRESSURE GAUGE 0- 25 Bar Ø 50mm Lateral Entry M10
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	29226	FLAT SEAL in PTCFE (Kel-F®) 16x9,2x2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
193371	15979	Pressure gauge 0-200+315 Bar Ø 50mm vertical M10x1 Stainless steel
	16015	PRESSURE GAUGE (-1) - 15 Bar Ø 50mm Lateral Entry
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	29053	FLAT SEAL in PA 6.6 20x12x2
193373	15979	Pressure gauge 0-200+315 Bar Ø 50mm vertical M10x1 Stainless steel
	16019	PRESSURE GAUGE (-1) - 1,5 Bar Ø 50mm Lateral Entr
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	17203	FLAT SEAL in PTCFE 18x11,8x2 for inlet connection
193372	29053	FLAT SEAL in PA 6.6 20x12x2
	16004	PRESSURE GAUGE 0- 25 Bar Ø 50mm Lateral Entry M10
	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
193374	16004	PRESSURE GAUGE 0- 25 Bar Ø 50mm Lateral Entry M10

Product Number		Long designation
193374	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	29226	FLAT SEAL in PTCFE (Kel-F®) 16x9,2x2
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
193375	16004	PRESSURE GAUGE 0- 25 Bar Ø 50mm Lateral Entry M10
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	29187	PACKNING 18X11,8X2 MM NYLON (Bag of 10)
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s