

REGULATORS

DLM 300 200-50-100



- Korkeapaine säädin - Yksiportainen
- Asennus kaasusylinterin tai nippu - korkea virtausnopeus
- Sopivat puhtaat kaasut ja seokset, ei syövyttävä
- Kromattua messinkiä

Laboratoriot ja analyysit, teollinen prosessi

Domains of applications

DLM 300 -säätimet on suunniteltu sovelluksiin, jotka vaativat suuria paineita ja virtausnopeuksia laboratorioissa ja tuotantolaitoksissa. Niitä käytetään erilaisiin sovelluksiin: ilmähän luominen, peittäminen, kaasuprosessi ...

Designed for implementation of:

Syövyttämättömät puhtaita kaasuja jopa N60 lukien Alphagaz™ 1 & 2, Ei-syövyttäviä seoksia pitoisuus on suurempi kuin 1 ppm

Except:
hiilivedyt

Specifications

Maximal inlet pressure at 15°C 200 bar
Outlet Pressure 5 to 50 bar
Nominal nitrogen flow 100 Nm³/h*
Set pressure 62 bar

Sisäinen/ulkoinen vuoto nopeus $\leq 3 \times 10^{-7}$ mbar.l/s Heliumia, Käyttölämpötila: -20 °C + 50 °C: ssa.

*Takuu enimmäislähtöpaineella P2 enintään tulopaineeseen P3 = 2P2 + 1 bar.

Materials

Body Kromi messinkipäällysteinen
Seat Messinki
Messinki, PCTFE päällystetty
Main valve tasapainoinen
Diaphragm Ruostumaton teräs / Hastelloy®
Filter Messinki
Kupari metalliseos mekanismi, Ø
Pressure gauge 50mm, Seal PA 6.6
Tiiviste EPDM, Lautasventtiilin
pronssista, Elin 303 ruostumaton-
Relief valve ta terästä

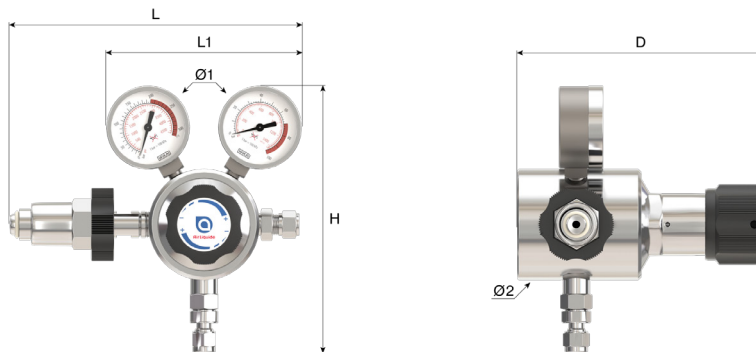
Hastelloy® on rekisteröity tavaramerkki Haynes International, Inc.

Safety Alert

⚠ Varoitus! Jos käytetään palavien kaasujen, kaikki tyhjennys- ja ylivuoto venttiilit on kerättävä.

Dimensions

- Length (L) : 120 mm
- Height (H) : 120 mm
- Depth (D) : 158 mm
- Ø1 : 50 mm
- Ø2 : 68 mm
- Net weight : 2.6 kg



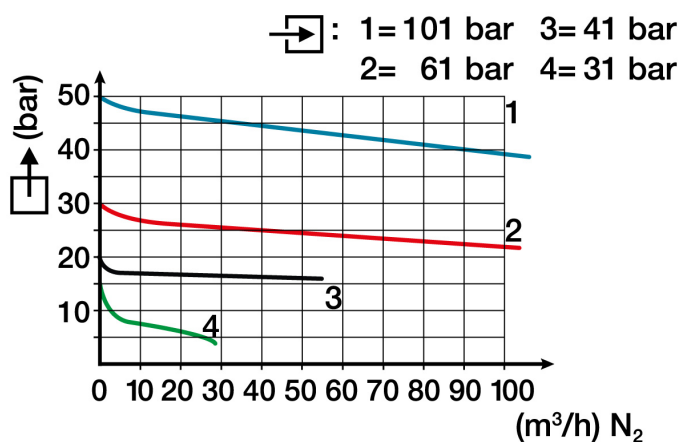
Operating instructions

OP 150 - DLM

Connection

- Inlet connection:** HP sylinteri mukaisen liittimen kaasun
- Outlet connection:** 2 pakoaukkojen G 3/8 BSPP naaras
- Relief valve connection:** Op-Brass puristusliitin 6mm, Brass Puristusholkit

Flow curve



Products






Product Number	Short Designation	Gas	Inlet Pressure	Outlet Pressure	Flow	Inlet Fitting	Outlet Fitting	Material
155894	REG DLM 300 200-50-100 DIN 10 - CF 6MM	He, N2, Ar	200 bar	50 bar	100 Nm³/h	DIN 477-1 Nr. 10	CF 6mm	Messinki
155890	REG DLM 300 200-50-100 DIN 6 - CF 6MM	CO2, O2	200 bar	50 bar	100 Nm³/h	DIN 477-1 Nr. 6	CF 6mm	Messinki
155891	REG DLM 300 200-50-100 DIN 6 - CF 12MM	CO2, O2	200 bar	50 bar	100 Nm³/h	DIN 477-1 Nr. 6	CF 12mm	Messinki
155888	REG DLM 300 200-50-100 DIN 1 - CF 6MM	H2	200 bar	50 bar	100 Nm³/h	DIN 477-1 Nr. 1	CF 6mm	Messinki
193521	REG DLM 300 200-50-100 DIN 10	He, N2, Ar	200 bar	50 bar	100 Nm³/h	DIN 477-1 Nr. 10	G 3/8 BSPP naaras	Messinki
193519	REG DLM 300 200-50-100 DIN 1	H2	200 bar	50 bar	100 Nm³/h	DIN 477-1 Nr. 1	G 3/8 BSPP naaras	Messinki
193520	REG DLM 300 200-50-100 DIN 6	CO2, O2	200 bar	50 bar	100 Nm³/h	DIN 477-1 Nr. 6	G 3/8 BSPP naaras	Messinki

Options

	Product Number	Long designation
	16516	CONN. G3/8 BSPP M NIP. F/PIPE Ø 4-6MM

	Product Number	Long designation
	16521	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 1/8" OD Brass *Flat seal PTFCE

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

	Product Number	Long designation
	16564	CONNECTION G 3/8 BSPP Male - CF 3/8" - Stainless S
	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	Liitäntä G3/8 BSPP M NIP. Ø 8-10MM BR

Spare parts

Product Number	SP Number	Long designation
155894	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
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
155890	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	18547	PRESSURE GAUGE 0-100 Bar Ø 50mm Lateral Entry G1/
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
155891	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	18547	PRESSURE GAUGE 0-100 Bar Ø 50mm Lateral Entry G1/
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
155888	15979	Painemittari 0-200+315 Bar Ø 50mm pystysuora M10x1 Ruostumaton teräs
	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
	29053	FLAT SEAL in PA 6.6 20x12x2
193521	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

Product Number	SP Number	Long designation
193521	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s
193519	15979	Painemittari 0-200+315 Bar Ø 50mm pystysuora M10x1 Ruostumaton teräs
	16015	PRESSURE GAUGE (-1) - 15 Bar Ø 50mm Lateral Entry
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	17203	FLAT SEAL in PTCFE 18x11,8x2 for inlet connection
193520	29053	FLAT SEAL in PA 6.6 20x12x2
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	18547	PRESSURE GAUGE 0-100 Bar Ø 50mm Lateral Entry G1/
193520	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s