

KÄYTTÖPAIKOILLAAN PDG-D 50-16-10



- Kompakti seinä käyttöpaikkaa
- Virtaus pysähtyy ja työpaine säätö
- Sopivat puhtaat kaasut
- Valmistettu alumiinista

Laboratoriot ja analyysit

Domains of applications

PDG-D-käyttöpisteet on suunniteltu asennettavaksi kaasunjakeluverkon päähän laboratorioympäristössä.

Designed for implementation of:
puhtaat kaasut

Except:
hiilivedyt

Specifications

Maximal inlet pressure at 15°C..... 50 bar

Outlet Pressure..... 0.8 to 16 bar

Nominal nitrogen flow 10 m³/h**

Sisäinen/ulkoinen vuotonopeus $\leq 3 \times 10^{-7}$ mbar.l/s Heliumia, Käyttölämpötila: -30 °C + 50 °C: ssa.

* Happi ja hapettavat kaasut: enimmäistyöajat pressur 25 bar.

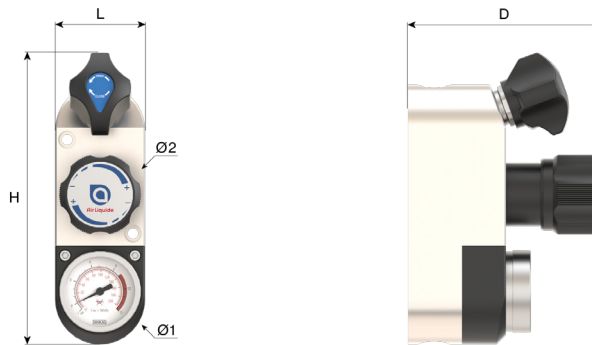
** Nimellinen tyypin virtauksen 15 °C: ssa.

Safety Alert

⚠ Varoitus! Jos käytetään hapen ja hapettavat kaasut, työpaine ei saa ylittää 25 bar.

Dimensions

Length (L) : 45 mm
 Height (H) : 145 mm
 Depth (D) : 94 mm
 Ø1 : 40 mm
 Net weight : 2 kg



Operating instructions

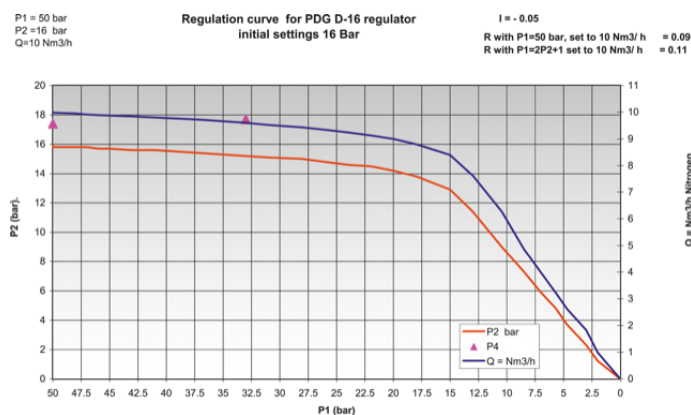
OP 450 - PDG

Connection

Inlet connection: G 3/8 BSPP naaras ylhäältä tai takaa (ristissä laipio)

Outlet connection: G 3/8 BSPP naaras pohjasta tai takaa (ristissä laipion)

Flow curve



Products

Product Number	Short Designation	Gas	Inlet Pressure	Outlet Pressure	Flow	Inlet Fitting	Outlet Fitting	Material
168692	POU PDG-D 50-16-10 IN/OUT G3/8 BSPP F	ilma, CO, CO2, H2, He, N2, N2O, Ar, O2	50 bar	0.8 - 16 bar	10 Nm ³ /h	G 3/8 BSPP naaras	G 3/8 BSPP naaras	Messinki

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

	Product Number	Long designation
	16526	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 8mm OD Brass *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
	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

	Product Number	Long designation
	16567	Connector SS G3/8 BSPP Male *Compression fitting 10mm OD SS *Flat seal PTFCE
	16569	Connector SS G3/8 BSPP Male *Compression fitting 12mm OD SS *Flat seal PTFCE
	19286	Liitäntä G3/8 BSPP M NIP, Ø 8-10MM BR
	172793	P GAUGE 0+16+25 bar Ø 40 M10x1 M back entry Brass
	172812	KIT cover for PDG blue for N2O box of 3 pieces
	172813	KIT cover for PDG dark green for Ar box of 3 piece
	172814	KIT cover for PDG red for Fuel Gas box of 3 pieces

	Product Number	Long designation
	172815	KIT cover for PDG white for O2 box of 3 pieces
	172816	KIT cover for PDG grey for CO2 box of 3 pieces
	172817	KIT cover for PDG brown for He box of 3 pieces
	172818	KIT cover for PDG light green for Air box of 3 pie
	173312	SUPPORT plate for 2 PDG stainless steel 304L
	173313	SUPPORT plate for 3 PDG stainless steel 304L
	173314	SUPPORT plate for 1 PDG stainless steel 304L

Spare parts

Product Number	SP Number	Long designation
168692	172793	P GAUGE 0+16+25 bar Ø 40 M10x1 M back entry Brass
	172795	P GAUGE 0+16+25 bar Ø 40 M10x1 M back entry Stain