

# POENG FOR BRUK PDG-B.S 50-10-4



- Kompakt vegg bruksstedet
- Strømningsstoppet og arbeidstrykk justering
- Egnet for rene gasser
- Laget av rustfritt stål

Laboratorier og analyse

## Domains of applications

### Designed for implementation of:

Litt korrosive gasser, rene gasser

### Except:

Karbondioksid, Nitrogenoksid

## Specifications

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

Outlet Pressure.....0.5 til 10 bar

Nominal nitrogen flow .....4 m<sup>3</sup>/h\*\*

Tasso di fuga interno / esterno  $\leq 3 \times 10^{-7}$  mbar.l/s di elo., Driftstemperatur: -30 ° C til +50 ° C.

\* Oksygen og oksyderende gasser, maksimale arbeids presset fartøy 25 bar.

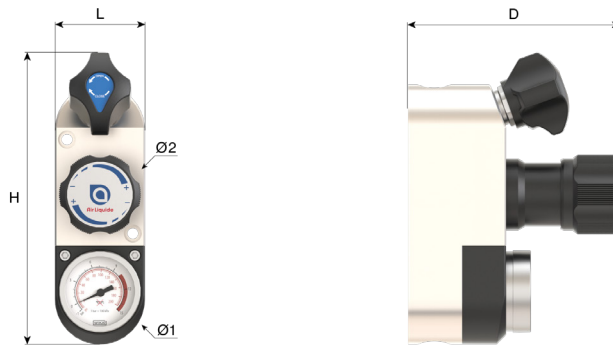
\*\* Nominell tilførsel av nitrogen ved 15 ° C.

## Safety Alert

⚠ Forsiktighet! i tilfelle av bruk av oksygen og oksiderende gasser, kan arbeidstrykket ikke overskride 25 bar.

# Dimensions

Length (L) : 45 mm  
 Height (H) : 145 mm  
 Depth (D) : 108 mm  
 Ø1 : 40 mm  
 Net weight : 1.9 kg



# Operating instructions

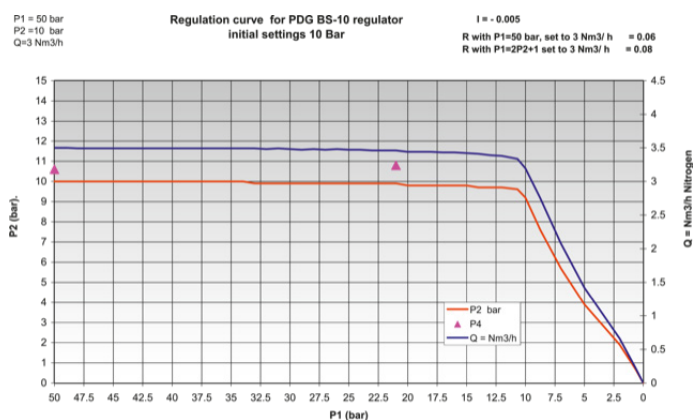
OP 450 - PDG

# Connection

**Inlet connection:** G 3/8 BSPP kvinnelig fra toppen eller fra baksiden (krysset skott)

**Outlet connection:** G 3/8 BSPP kvinnelig fra bunnen eller fra baksiden (krysset skott)

# Flow curve





# Products

Product Number	Short Designation	Gas	Inlet Pressure	Outlet Pressure	Flow	Inlet Fitting	Outlet Fitting	Material
168695	POU PDG-B.S 50-10-4 IN/OUT G3/8 BSPP F	Luft, C3H8, C2H4, H2, He, N2, CH4, C3H6, Ar, O2	50 bar	10 bar	4 Nm <sup>3</sup> /h	G 3/8 BSPP kvinnelig	G 3/8 BSPP kvinnelig	Rustfritt stål

# Options

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

Product Number	Long designation
172812	KIT cover for PDG blue for N2O box of 3 pieces
172813	KIT cover for PDG dark green for Ar box of 3 pieces
172814	KIT cover for PDG red for Fuel Gas box of 3 pieces
172815	KIT cover for PDG white for O2 box of 3 pieces
172816	KIT cover for PDG grey for CO2 box of 3 pieces

	Product Number	Long designation
	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

	Product Number	Long designation
	173313	SUPPORT plate for 3 PDG stainless steel 304L
	173314	SUPPORT plate for 1 PDGstainless steel 304L

## Spare parts

Product Number		Long designation
168695	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8