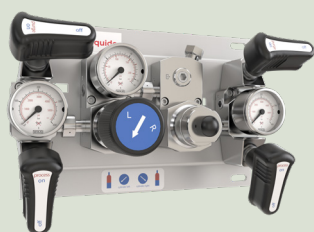


CHANGE-OVERS

SGA2 SA 300-50-100



- Kontinuerlig gassleveringssystem til ledningsnett
- Tilkobling av 2x1 200/300 bar sylindere eller bunter
- Egnet for rene gasser og blandinger, ikke etsende
- Forkrommet messing

Laboratorier og analyse

Domains of applications

Designed for implementation of:

hydrogen, Ikke-etsende rene gasser opp til N60 inkludert ALPHA-GAZ[™] 1 & 2

Except:

brennbare gasser, korrosive gasser

Specifications

Maximal inlet pressure at 15°C 300 bar

Outlet Pressure..... 50 bar

Preset outlet pressure/service first

stage 41 / 50 bar

Nominal nitrogen flow 100 Nm³/h*

Set pressure 70 bar

Intern / ekstern lekkasjerate <10⁻⁷ mbar.l / s helium., Driftstemperatur: -20 °C til + 50 °C.

*garantert ved maksimalt utløpstrykk P2 opp til et innløpstrykk P3 = 2P2 + 1 bar.

Materials

Panel Semi-automatisk omstilling:

Frame Rustfritt stål

Legeme i forkrommet messing, bronse filter, Seal i Copper / PCTFE, Manometer laget av kobberlegering, Membran i Hastelloy®, PCTFE sete, Tallerken i beryllium-

Regulator kobber

Poppet i rustfritt stål, Legeme i forkrommet messing, Seal i Copper / PCTFE, Manometer laget av kobberlegering, Membran

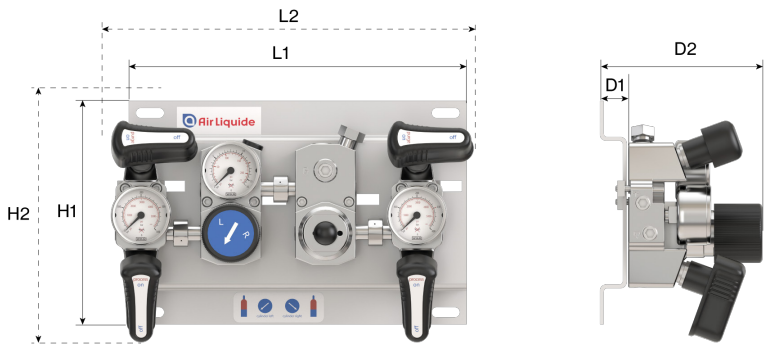
Block valves..... i ELGILOY®, PCTFE sete

Safety Alert

⚠ Forsiktighet! Ved bruk av brennbare gasser, har utstyr for å være jordet.

Dimensions

Length (L) : 280 mm
Height (H) : 185 mm
Depth (D) : 140 mm
Depth (D1) : 23 mm
Net weight : 7.3 kg



Operating instructions

OP 350 - SGA2

Connection

Inlet connection: 2 innløpsåpninger Ø 16 x 1,336 SI hunn
Outlet connection: En utløpsport G 3/8 BSPP hunn + 2 porter for å samle opp rense G 1/4 BSPP hunn
Relief valve connection: Outlet port: G 1/4 BSPP kvinnelig

Products

Product Number	Short Designation	Gas	Inlet Pressure	Outlet Pressure	Flow	Inlet Fitting	Outlet Fitting	Material
173051	MAN SGA2 SA 300-50-100 NG-AIR-CO2	Luft, CO2, N2, Ar	300 bar	50 bar	100 Nm³/h	Ø 16x1.336 SI hunn	G 3/8 BSPP kvinnelig	Messing
173227	MAN SGA2 SA 300-50-100 He	He	300 bar	50 bar	100 Nm³/h	Ø 16x1.336 SI hunn	G 3/8 BSPP kvinnelig	Messing
173218	MAN SGA2 SA 300-50-100 H2	H2	300 bar	50 bar	100 Nm³/h	Ø 16x1.336 SI hunn	G 3/8 BSPP kvinnelig	Messing

Options

	Product Number	Long designation
	16398	FITTING NON RETURN VALVE M20x1,5 BR EPDM
	16413	FITTING AF + FILTER M20X1,5 Cr-BRASS
	16558	Connector SS G3/8 BSPP Male *Compression fitting 6mm OD SS *Flat seal PTCFE
	16562	COMP. FITTING G3/8" 8 MM SS
	16567	Connector SS G3/8 BSPP Male *Compression fitting 10mm OD SS *Flat seal PTCFE
	19329	Blind Plug for orifice Ø16x1,336 SI Brass
	155103	HAZARD PANEL FLAMABLE GASES

	Product Number	Long designation
	168708	CONNECTION G1/4 BSPP male - cf 6 mm Stainless Steel
	169550	Regulator DC 50-4
	169551	KIT STICKERS CHANG PROC CYL/BUND SGA2
	173242	CALIBRETED ORIFICE Ø 1 mm Brass for SGA2 He and H2
	179385	INTERMEDIARY connection elbow stainless stell G1/4
	186069	CONNEXION 3 pieces brass chromed G1/4 M G1/4 M EPD

Spare parts

Product Number		Long designation
173051	175261	KIT P GAUGE 400 bar Ø 50 G1/4 M back entry brass c
	175262	KIT P GAUGE 80 bar Ø 50 G1/4 M back entry brass ch
	175275	VALVES block SGA2 310 bar brass left for SGA2 code
	175276	VALVES block SGA2 310 bar brass right for SGA2 cod
	175285	FIX REGULATOR block 50 bar brass for SGA2 code : 154656
	186069	CONNEXION 3 pieces brass chromed G1/4 M G1/4 M EPD
173227	175261	KIT P GAUGE 400 bar Ø 50 G1/4 M back entry brass c
	175262	KIT P GAUGE 80 bar Ø 50 G1/4 M back entry brass ch
	175275	VALVES block SGA2 310 bar brass left for SGA2 code
	175276	VALVES block SGA2 310 bar brass right for SGA2 cod
	175285	FIX REGULATOR block 50 bar brass for SGA2 code : 154656
	186069	CONNEXION 3 pieces brass chromed G1/4 M G1/4 M EPD
173218	175261	KIT P GAUGE 400 bar Ø 50 G1/4 M back entry brass c
	175262	KIT P GAUGE 80 bar Ø 50 G1/4 M back entry brass ch
	175275	VALVES block SGA2 310 bar brass left for SGA2 code
	175276	VALVES block SGA2 310 bar brass right for SGA2 cod
	175285	FIX REGULATOR block 50 bar brass for SGA2 code : 154656
	186069	CONNEXION 3 pieces brass chromed G1/4 M G1/4 M EPD