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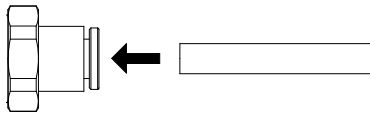
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DO NOT ATTEMPT TO REMOVE REGULATOR FROM CYLINDER WHILE UNDER PRESSURE!

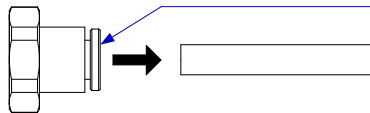
The regulator grip-nut will be difficult to turn while under pressure, and doing so will destroy the regulator inlet O-ring. Bleed-off pressure by closing the main cylinder valve and then disconnect the outlet tubing from the regulator.

TUBING CONNECTION



INSERTING

Push in the tubing



REMOVING

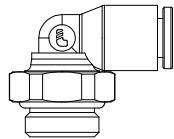
1. Push in the connector collar
2. Pull the tube straight back while holding the collar in

To INSERT TUBING: push the tubing into the connector until resistance is felt, then push a little further, about 1/8 inch [3 mm]. Gently tug on the tubing to make sure it is captured.

To REMOVE TUBING: push the tubing in slightly, then push in the connector collar while pulling gently on the tubing.

When removing tubing, **DO NOT pull on the tubing without pushing in the collar**, as this will likely damage the connector

Note: Alternate outlet fitting provided.



- Replace installed fitting as preferred.
- Maintain cleanliness for oxygen service.
- Torque to 20 in-lbs.
- No Teflon tape required

Gauge-Port Options:

- Replace Gauge with 1/8 MNPT Plug (MH p/n 00HDW-0390-00) or plumb-in Remote Gauge
- Install Fill-Port (MH p/n 00BLT-1008-00) or plumb-in Remote Fill-Port
- Plumb-in multiple cylinders (remote fill, remote gauge, etc.)

Contact MH Customer Service for help with your specific requirements

REV	ECO	Release	Drawn	REVISION HISTORY
-0	2018-040	2018-12-06	SGO	Product Insert Drawing



GENERAL SPECIFICATIONS

Material: UNS C36000 (CDA-360) Brass
UNS A96061 (6061-T6) Aluminum

Inlet Pressure Rating: 3000 PSI MAX
Regulated Outlet: 16 ± 2 PSI (Dynamic) (NOM 1 Bar)
20 ± 2 PSI (Static)

Average Flow Rate: 40 L/min (AVG)
Temperature Range: -50°F to +130°F [-45°C to +55°C]

Inlet Fitting: DIN-477-9N
Spare O-ring: MH p/n 09001-3113-70 (DIN-477-9N)

1095-04:	G-1/8 BSPP x 4mm Tube	Weight	6.1 oz [173 g]
1095-06:	G-1/8 BSPP x 6mm Tube		6.1 oz [173 g]

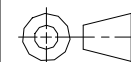
See also: MH document 5SREG-1095-xx

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
0.X ±0.015
0.XX ±0.010
0.XXX ±0.005

ANGLES ± 3°
FRACTIONS ± 1/64

INTERPRET GD&T PER ASME 14.5

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

DRAWN SGO
2018-11-21

CHECKED EAM
2018-12-04

ENGINEER TD
2018-12-06

APPROVED HBS
2018-12-06

MH

**MOUNTAIN HIGH E&S CO.
REDMOND, OR. USA**

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DWG TITLE
**Regulator Assy, 2-Stage Axial,
w/ Gauge, DIN-477-9N [Insert]**

DWG NUMBER
5IREG-1095-xx

DWG REV. **-0**

DWG FORMAT: ESR-002 Rev H [20]
DWG SCALE
DWG SHEET 1 OF 1
DWG SIZE A 11x8 1/2

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Insert #: 5IREG-1095-xx