

# GENERAL SPECIFICATIONS

**Material:** UNS A96061 (6061-T6) Aluminum

**Weight:** 5.9 oz [166 g]

**Pressure Rating:** 6000 PSI

**Temp Range:** -50°F to +130°F [-45°C to +55°C]

**Installation Torque:** 60-65 ft-lbs (see Notes)

**Spanner:** McMaster-Carr p/n 55165A37 or equivalent.

*Cleaned for oxygen service per MH ESR-008D*

REV	ECO	Release	Drawn	REVISION HISTORY
A1	2019-040	2019-08-22	SGO	Customer Drawing

**WARNINGS**

This Union/Extender **does not** have a **pressure relief device (PRD)**. It is completely incumbent upon the user to ensure that the system incorporates a PRD (typically in the valve) that is properly rated for the cylinder used.

Improper installation of this Union/Extender can result in **severe damage, serious injury or death!**

### Recommended Installation

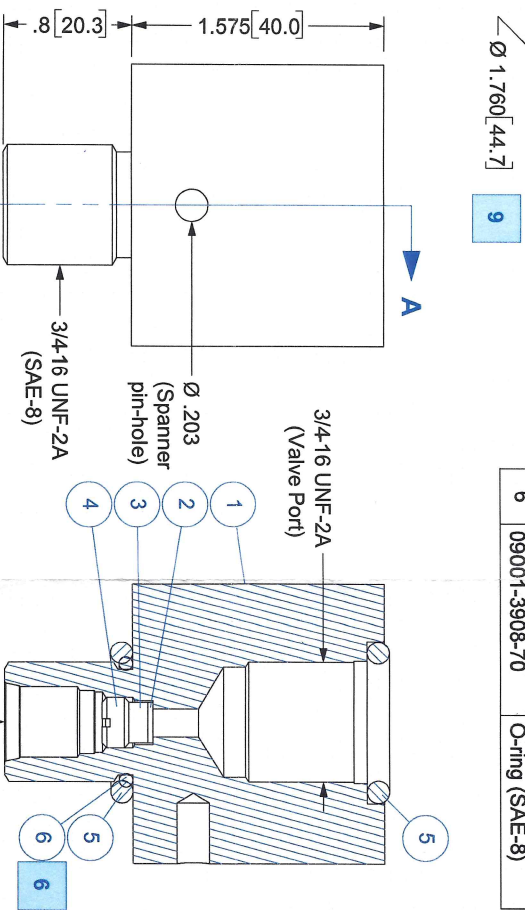
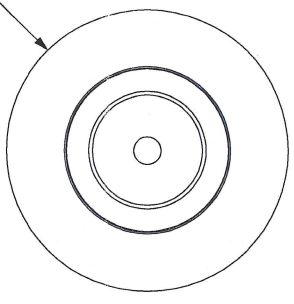
This Union/Extender will be installed together with the Cylinder and Valve of your choice when you place your order with Mountain High E&S Co. If retro-fitting an existing Cylinder/Valve assembly, MH recommends sending your Cylinder/Valve assembly in for service. Contact MH Customer Service for more information.

### Field Installation and Service

1. Installation should only be performed by authorized, trained service personnel.
2. Spare/replacement parts may be ordered from Mountain High E&S Co. Refer to the MH part numbers listed.
3. Union/Extender installs between Cylinder and Valve.
4. Optional Dip-tube is available - contact MH Customer Service.
5. O-rings provided are pre-lubed.
- 6] Use "908" size O-ring provided if installing into SAE-8 Cylinder port.
7. Torque Valve into Extender/Cylinder as one. It is not necessary to torque Extender separately.
8. Spanner may be used for disassembly. O-rings must be replaced when re-assembling.
- 9] Body may be turned-down to  $\text{Ø}1.150$  MIN as required, but then must be thoroughly re-cleaned for oxygen service.

REF	MH Part Number	Description
1	00CYL-0036-00	Body
2	09025-0003-00	Filter
3	09054-M403-05	Spacer
4	0RGT10-0202-00	Set-screw
5	09001-0210-90	O-ring
6	09001-3908-70	O-ring (SAE-8)

**Key**  
1 Note



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

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**Cylinder Neck Union/Extender Assembly,  
3/4-16 Port [SCD]**

**55CYL-0036-01**

THIRD ANGLE PROJECTION	DRAWN	SGO	DWG TITLE	DWG NUMBER	INV. PART NUMBER	PROD. NAME	DWG REV.
	2019-05-10	SB	Cylinder Neck Union/Extender Assembly, 3/4-16 Port [SCD]	55CYL-0036-01	00CYL-0036-01		A1
<b>DO NOT SCALE DRAWING</b>	2019-05-15	PLM					
	2019-05-14	FILE					
	2019-05-15	HBS					
	2019-05-15	ESR-012 Rev H [20]					

Insert #: 51CYL-0036-01