

Rupture Disc Kit Ordering Number	Rupture Disc Burst Pressure @ 70°F (21°C); psig		
	Minimum	Maximum	Cylinder Fill <sup>①</sup> Pressure
SS-RDK-16-1900	1800 psig (124 bar)	2000 psig (137 bar)	1300 psig (89.5 bar)
SS-RDK-16-2850	2700 psig (186 bar)	3000 psig (206 bar)	1800 psig (124 bar)

① See Precaution #3.

### Precautions:

1. Observe the burst pressure. (This rating is marked on the end face of the rupture disc unit, as required by CGA Pamphlet S-1.1).
2. Be sure the maximum burst pressure does not exceed the cylinder test pressure.
3. Be sure the minimum burst pressure is at least 40% higher than the cylinder filling pressure.
4. Inspect the rupture discs regularly. Pulsating pressure, vacuum/pressure cycling, heat, and corrosive fluids and atmospheres can reduce the disc's burst pressure.
5. Do not use these rupture discs to protect vessels with volumes greater than 3 gallons (compressed gases) or 1-1/2 gallons (liquefied gases).
6. Provide suitable means to isolate the sample cylinder from the system in case the rupture disc bursts while taking a sample.
7. Do not use this device in a location where the release of the cylinder contents might create a hazard. The rupture disc vents to the atmosphere through six radial holes in the body. Pressure is released suddenly with a loud noise and gases escape at high velocity.

MS-INS-RDK  
CP Revision C  
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# RUPTURE DISC UNIT INSTALLATION INSTRUCTIONS FOR 1900 AND 2850 PSIG ASSEMBLIES

1. Unscrew the protective cap covering the threads of the unit.
2. With the lubricant provided in the kit, lubricate the O-Ring, the underside of the hex head, and the threads of the rupture disc unit.

**BE CAREFUL NOT TO SCRATCH OR PUNCTURE THE DISC.**

3. Screw the rupture disc unit into the rupture disc port of the valve body.
4. Refer to the chart below and torque the hex head to the appropriate value.

Valve Body Material	Torque Value in.-lbs. (N•m)
Stainless Steel Alloy 400	300 (33.9)
Brass	180 (20.3)

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These instructions are also available in French, Italian, German and Spanish.