

No. 73



No. 74



No. 76



No. 77

900# ANSI Rated Valves, Bolted Bonnets, OS&Y Construction

70 Series for Reflex or Transparent Glass Gages

- Low Emission to API 624
- Regrindable, renewable seat
- Bolted bonnet
- Backseating stem

Jerguson® No. 70 Series Valves are designed for use with flat glass gages, instrument piping and for other applications requiring a rugged valve. Pressure and temperature ratings exceed those of ANSI/ASME 900# class. Refer to table below for complete ratings.

No. 70 Series Valves

The series consists of the following valves:

No. 73– straight pattern with non-union gage connection

No. 74– straight pattern with union gage connection

No. 76– offset pattern with non-union gage connection

No. 77– offset pattern with union gage connection

PRESSURE RATINGS

Stainless Steel Valves
Series 70 Temperature / Pressure

Temperature		Pressure			
°F	°C	PSI	BarG	Kg/cm²	kPaG
100	38	4000	275.8	281.2	27579
200	93	3615	249.3	254.2	24928
300	149	3231	222.8	227.2	22276
400	204	2846	196.2	200.1	19624
500	260	2462	169.7	173.1	16973
600	316	2077	143.2	146.0	14321
700	371	1693	116.7	119.0	11670
800	427	1308	90.2	92.0	9018

Saturated steam rating 750 WSP

STANDARD FEATURES

OS&Y + Backseating Stem: The yoke supports the stem away from the valve body so the threaded portion of the stem is unaffected by the heat and does not come in contact with process fluids. The stem has a backseating area which allows repacking the valve under pressure.

Regrindable Renewable Seat: The seat may be reground or replaced using a standard 5/8" socket wrench.

Union Gage Connection: Nos. 74 and 77 are furnished with a union gage connection which allows a top and bottom connected gage to be turned to any desired angle for convenient visibility. It also makes possible the removal of the gage without removing the valves or draining the liquid from the vessel — a feature which saves time when gages must be cleaned or maintained.

Offset Pattern: Nos. 76 and Nos. 77 valve bodies are designed so the gage connections are offset 7/8" from the centerline of the vessel connections. By removing the vent or drain plug, the interior of a top and bottom connected gage may be swabbed without disassembly.



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