

# Integral Bonnet Valves

## 140 Series for Reflex or Transparent Flat Glass Gages



**No. 143**



**No. 144**



**No. 146**



**No. 147**

Jerguson® No. 140 Series Valves provide long trouble-free service at economical cost. Their design incorporates such quality features as stainless steel stems and ballchecks. A comprehensive selection of connections provides the versatility required to conform to most piping requirements. Optional features permit a high degree of customization to meet very specific demands.

### NO. 140 SERIES VALVES

The series consists of the following valves:

**No. 143** – straight pattern with non-union gage connection

**No. 144** – straight pattern with union gage connection

**No. 146** – offset pattern with non-union gage connection

**No. 147** – offset pattern with union gage connection

### PRESSURE RATINGS

#### Carbon & Stainless Steel Valves

Series 140 Temperature / Pressure

Temperature		Pressure			
°F	°C	PSI	BarG	Kg/cm <sup>2</sup>	kPaG
100	38	2400	165.5	168.7	16547
200	93	2246	154.9	157.9	15487
300	149	2092	144.3	147.1	14426
400	204	1938	133.6	136.3	13365
500	260	1785	123.0	125.5	12304
600	316	1631	112.4	114.7	11243
700	371	1477	101.8	103.8	10183
800	427	1323	91.2	93.0	9122

*Not recommended for steam service*

### STANDARD FEATURES

**Safety Shut-Off:** All No. 140 Series Valves are equipped with stainless steel ballchecks upstream from the seats which instantaneously shut-off flow of fluid in case of gage failure. The ball may be omitted on request.

**Integral Bonnet:** The bonnet on all No. 140 Series Valves screws directly onto the outside of the forged body. The inner area bears on the packing gland.

**Union Tank Connection:** Series 140 Valves are equipped with union tank connections which permit simple installation and easy access to the ballcheck. A spring clip secures the ballcheck in place so that it does not fall out when the union tank connection is removed.

**Union Gage Connection:** Nos. 144 and 147 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 removal of the gage without removing the valves or draining the liquid from the vessel – a feature which saves time when the gages must be cleaned or maintained.

**Offset Pattern:** Nos. 146 and 147 valve bodies are designed so that 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.