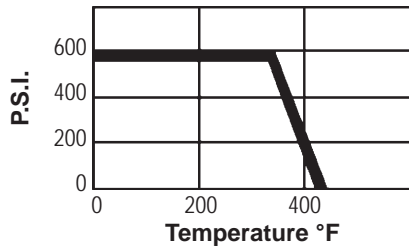


# Product Overview | Shutoff Valves

In abnormally hot, dirty, or corrosive conditions, most shutoff valves can deteriorate and fail to shut off tightly. Frequent, periodic checking of all valves is recommended.

Threaded ball valves are designed for industrial, residential and commercial use on steam, water, oil or gas. Their full ports allow for maximum flow with minimum pressure drop and turbulence. The valve is UL listed, FM approved, and the brass bodies are CGA 3.16 certified.

1821B ball valves can be ordered with the option to be cleaned for oxygen service. A locking handle option is also available.



## Valve Seat Rating

2000 WOG - 150 WSP

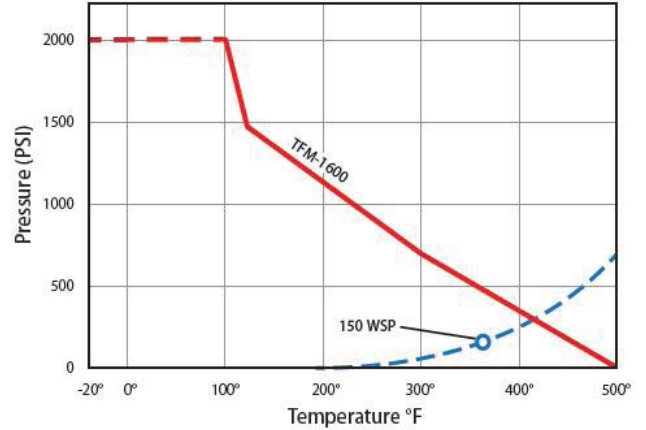


TABLE 1: PRESSURE RATINGS

Body Material	Brass		Carbon Steel		SST	
	Pipe Size	Rating	Pipe Size	Rating	Pipe Size	Rating
Natural gas; CSA certified Class 3371 90; ANSI/ASME B16.33/B16.38	All	125 psi	n/a	n/a	n/a	n/a
Natural gas; UL guide YRPV	¼" - 2"	400 psi	All	2000 psi	All	2000 psi
#6 oil @ 250°F; UL guide MHKZ	¼" - 2"	400 psi	All	2000 psi	All	2000 psi
W.O.G. non-shock (water, oil, gas)	All	600 psi	All	2000 psi	All	2000 psi
W.S.P. (working steam pressure)	All	150 psi	All	150 psi	All	150 psi
FM approved Class 1140	All	n/a	n/a	n/a	n/a	n/a

TABLE 2: MATERIALS

Material	Brass	Carbon Steel	Stainless Steel
Body	Forged Brass ASTM C37700	Carbon Steel WCB	316 SST
Seat	Teflon	Hostafon TFM 1600	Hostafon TFM 1600
Ball	Forged Brass ASTM C37700	316 SST	316 SST
Stem O-ring	Viton	Hostafon TFN 1600	Hostafon TFM 1600
Packing nut	Forged Brass ASTM C37700	304 SST	304 SST
Stem Packing	Teflon	RPTFE	RPTFE
Stem	Forged Brass ASTM C37700	316 SST	316 SST
Handle Nut	Chrome Plated Steel	304 SST	304 SST
Lock Washer	Chrome Plated Steel	304 SST	304 SST
Handle	Chrome Plated Steel	Steel A193-B7	SST A193-B8