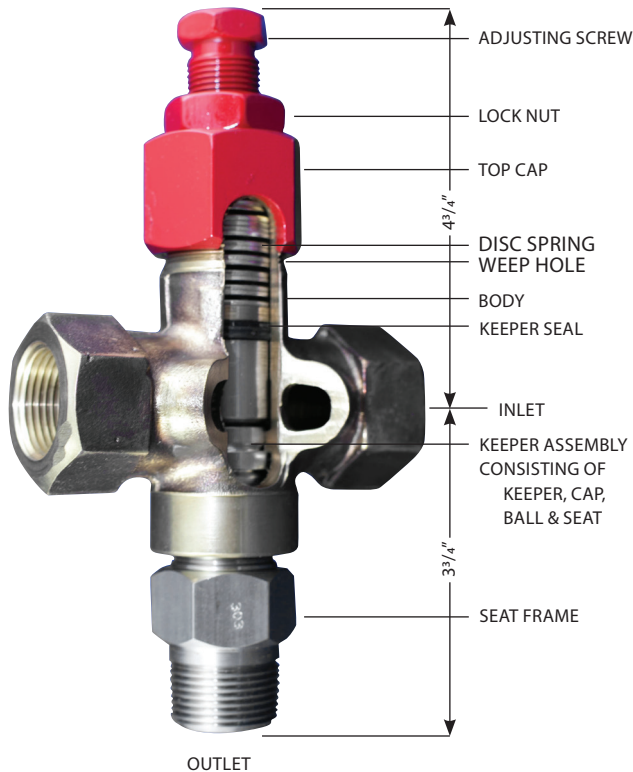


# 1" BY-PASS LIQUID RELIEF VALVE (TIED BALL)



**761-7601-1-TB**

**Medium Pressure ---- Diaphragm Action ---- Medium Volume**  
 To ---- 3500# To ---- 55 GPM



This valve was designed for pumping through one side and out the other with a built-in relief. By tying the ball to the keeper, the over-pressure simply lifts the whole spring assembly with a diaphragm action allowing relief out the bottom.

**Body:** Aluminum-Bronze or 316SS

**Ball & Seat:** Sheralloy® Assembly (Cobalt Base Alloy)

**Spring:** Disc Spring

**Inlet:** 1" Female NPT

**Outlet:** 1" Male NPT or 3/4" Male NPT

**Weep Hole:** Any flow from weep hole indicates keeper seal is worn and should be replaced.

**USE ONLY AS DIRECTED**  
 Do not deviate from Manufacturer's recommended pressure range and mode of installation

ALUMINUM-BRONZE PART NUMBER	WORKING PRESSURE RANGE	VOLUME (GPM) AT 25% OVER SET PRESSURE	SPRING ARRANGEMENT AND QUANTITY	SEAT ORIFICE DIAMETER	CAP COLOR CODE
761-7601-1-TB-LLP	50-200#	8-40	Thin 1 X 1 (17)	.625	White
761-7601-1-TB-LP	100-1000#	15-45	Reg 1 X 1 (15)	.625	Yellow
761-7601-1-TB-MP	500-1500#	15-45	Reg 2 X 2 (18)	.625	Green
761-7601-1-TB-HP	1000-2000#	15-45	Reg 3 X 3 (18)	.625	Red
761-7601-1-TB-XHP	1500-3500#	Not Verified	Reg 4 X 4 (20)	.625	Black

**MATERIAL SPECIFICATIONS:**

- Standard valve is Aluminum-Bronze valve.
- Add "316" to part number for 316 Stainless Steel valve.
- Add "MM" to part number for Monel Valve.

Methods of Installation →

