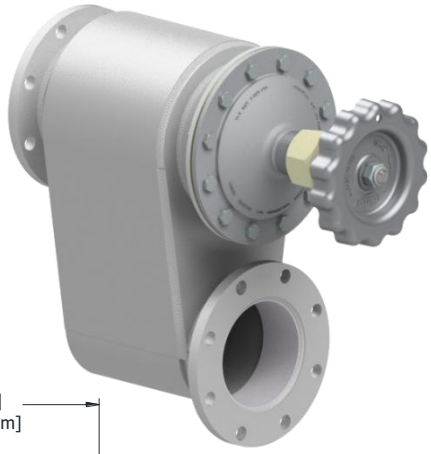
3” & 4” Bolted “T” Style Hydrolet Valve

Bolted Packing Nut Bonnet

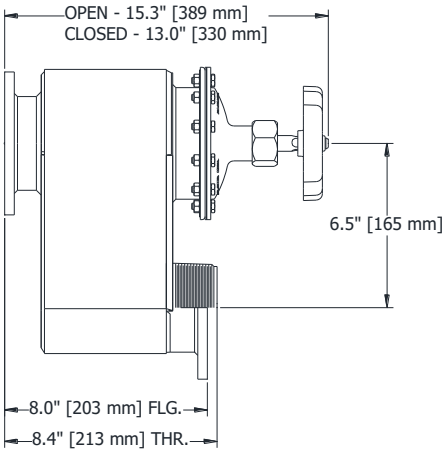
The Betts Bolted “T” Style Hydrolet is a manually operated loading/unloading stop-valve commonly used as a side discharge valve on cargo tanks hauling elevated temperature products. The bolted bonnet allows for removal of the stem and disc holder for repairs, cleaning or inspection.



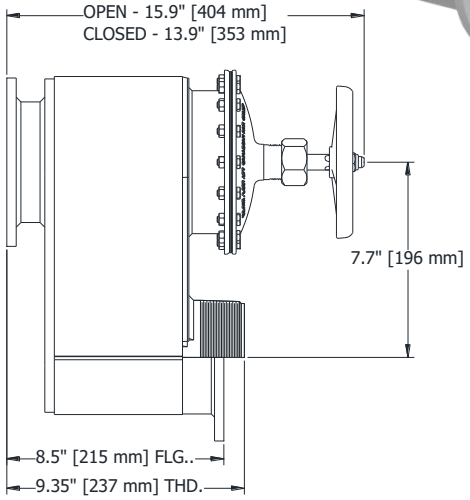
The valve body is available in aluminum or steel with various seal materials offered.

Maximum working temperature dependent on body material:
- 375°F [191°C] for aluminum valves.
- 500°F [260°C] for steel valves.

Maximum allowable working pressure (MAWP): **35 psi [2.4 bar]. ***



3" VERSION



4" VERSION

See section 10 Page 5B for parts list.

Assembly Part Number **	Description	Inlet Flange	Outlet Configuration	Body Material	Disc Seal Material **	Weight
FB743MSA	3” Steel with Flanged Outlet	3” TTMA (8 Holes on 4.88” B.C.) [123.8 mm]	Flanged (3" TTMA)	Steel	Non-Asbestos	17.3 lbs. [7.8 kg]
FB743ALA	3” Aluminum with Flanged Outlet		Flanged (3" TTMA)	Aluminum	Non-Asbestos	8.3 lbs. [3.8 kg]
FB753MSA	3” Steel with Threaded Outlet		Threaded (3" NPT)	Steel	Non-Asbestos	17.3 lbs. [7.8 kg]
FB753ALA	3” Aluminum with Threaded Outlet		Threaded (3" NPT)	Aluminum	Non-Asbestos	8.3 lbs. [3.8 kg]
FB744MSA	4” Steel with Flanged Outlet	4” TTMA (8 Holes on 5.88” B.C.) [149.2 mm]	Flanged (4" TTMA)	Steel	Non-Asbestos	31 lbs. [14.1 kg]
FB744ALA	4” Aluminum with Flanged Outlet		Flanged (4" TTMA)	Aluminum	Non-Asbestos	15.8 lbs. [7.2 kg]
FB754MSA	4” Steel with Threaded Outlet		Threaded (4" NPT)	Steel	Non-Asbestos	31 lbs. [14.1 kg]
FB754ALA	4” Aluminum with Threaded Outlet		Threaded (4" NPT)	Aluminum	Non-Asbestos	15.8 lbs. [7.2 kg]

* Values shown are test values and actual values may vary due to service conditions.

** Last letter of part number designates seal material.

** Disc Seal Material	Temperature Rating *
A = Non- Asbestos	-20°F to +500°F [-29°C to 260°C]
T = PTFE	-20°F to +400°F [-29°C to 204°C]
V = FKM (Type A)	0°F to +400°F [-18°C to 204°C]
B = Nitrile (Bunna-N)	-40°F to +230°F [-40°C to 110°C]

⚠ **WARNING:** This product can expose you to chemicals including Chromium (hexavalent compounds), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov

Designed, engineered and manufactured in the USA.