

Mark 695X Series

Tank Blanketing Regulator 1/2" - 3/4"

The Mark 695X Series regulator was designed specifically to provide accurate pressure control on very low pressure tank blanketing systems. The Mark 695X responds to very small changes in tank pressure by throttling open or closed to maintain the desired pressure set point.

- Direct Operated
- Fully Balanced Plug
- Accurate regulation down to 1/2" wc (1.25 mbar)
- ANSI Class VI Shutoff
- Two available spring ranges
- 200 psi maximum inlet pressure
- Three Cv's (Kv's): 0.15, 0.2, 0.4 (0,13, 0,17, 0,35)
- Ultra Lightweight Diaphragm for Maximum Sensitivity



OPTIONAL FEATURES

- Outlet Gauge
- Purge Feature
- Optional High Alloys Available
- ANSI & DIN Flanged Ends
- Outlet Check Valve



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SPECIFICATIONS

Sizes:

- 1/2" – 3/4" (DN15 – DN20)

End Connections:

- FNPT
- ANSI & DIN Flanges

Body Materials:

- 316L Stainless Steel
- Other Materials Available on Application

Spring Housing:

- 316L Stainless Steel

Diaphragm:

- Ultra Lightweight Teflon

Seats and Balance Diaphragm:

- Buna-N, FKM, EPDM, Kalrez

Service:

- Tank blanketing

Flow Capacity:

- Cv (Kv): 0.15 (0,13), 0.2 (0,17), 0.4 (0,34)

Shutoff:

- ANSI Class VI (ANSI/FCI 70-3-2016)

Available Spring Ranges

- 0.5 – 5.5 wc (1,25 mb - 13,7 mb)
- 4 – 10 wc (9,96 mb - 24,9 mb)

Max Operating Inlet Pressure:

- 200 psig @ 100°F (13,8 barg @ 38°C)

Max Differential Pressure:

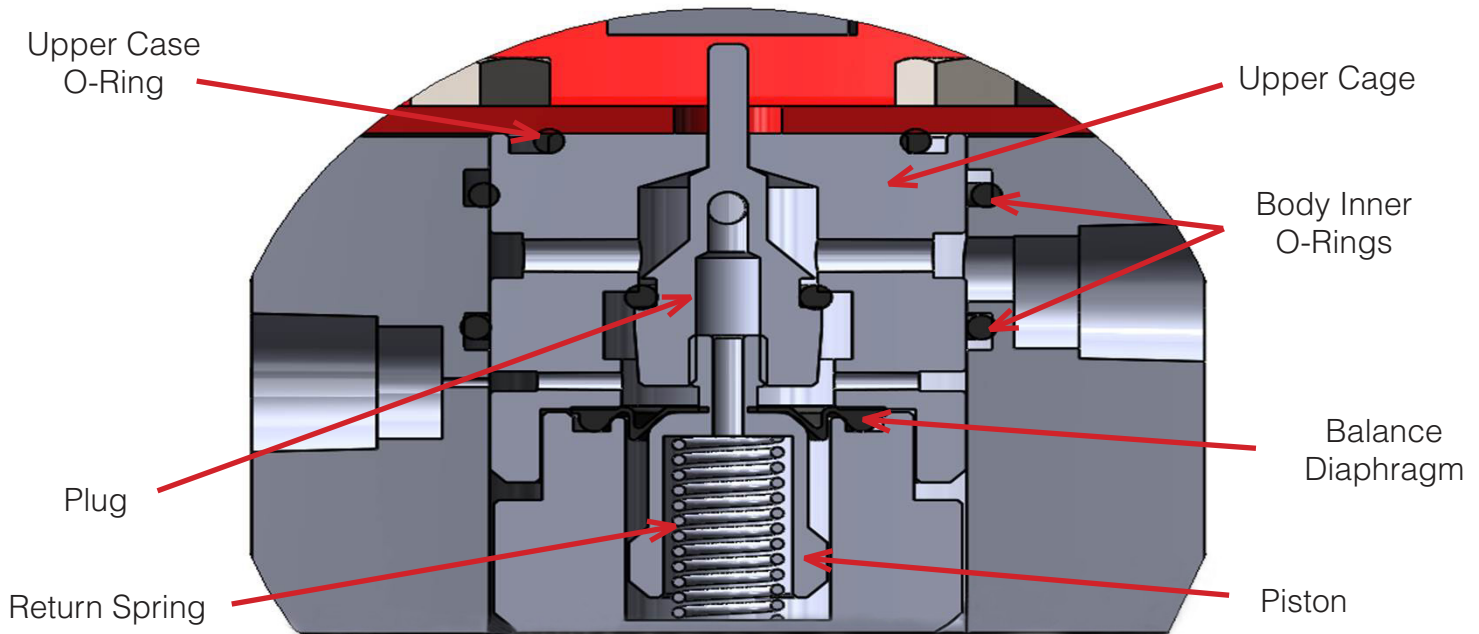
- 200 psig @ 100°F (13,8 barg @ 38°C)

Max Downstream Pressure (Safety Rating):

- 20 psig (1,38 barg)

Operating Temperatures:

- Determined by Elastomer



Plug Assembly

DIMENSIONS

