

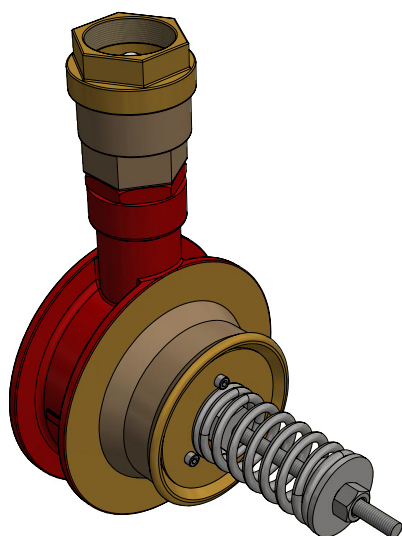


Tank Proportioner - Wide range

The ITPW is a foam proportioner designed for use with bladder tanks, such as the IBT, that induces foam concentrate into the main water line. The ITPW is designed for systems where flow rates can vary.

The proportioner has a very good proportioning accuracy combined with a low pressure drop. It is available with proportioning from 1% up to 6%. Suitable for use with fresh or sea water and any type of foam concentrate. The ITPW is especially well suited for the use of ARC (alcohol resistant) and high viscosity foam concentrates.

The ITPW comes in sizes from DN150 up to DN250, and flow ranges of 70 to 20.000 lpm.

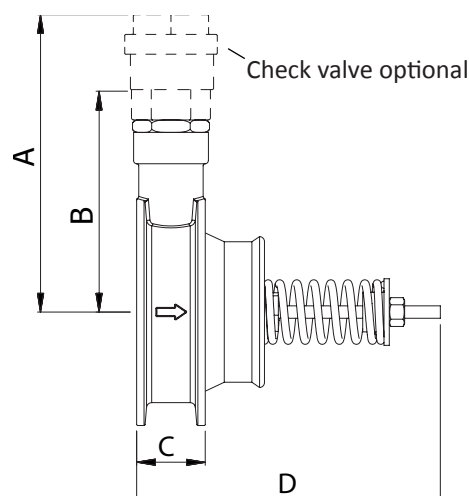


Material:

Body: Bronze
Internals: Bronze and Stainless steel (316/316L)

Product Features

- Bronze body
- Accurate proportioning over the entire range
- 1%, 2%, 3% or 6% fixed proportioning ratio or customer specific
- Water connection wafer type
- Foam connection threaded
- Adjustable proportioning ratio (optional)
- Designed and tested according to EN 13565-1
- Check valve optional



DIMENSIONAL DATA

Model	Length [mm]				Connection water**/foam***	Weight [kg]
	A	B*	C	D		
ITPW-150	280	200	69	186	DN150 / 2" F	15
ITPW-200	360	262	88	248	DN200 / 2½" F	40
ITPW-250	430 (450)	332	100	300	DN250 / 2 ½" F (6% = 3" F)	65

* Height without optional check valve, Threaded BSP Male

** Mounted between flanges: DIN PN16 / ANSI 150lbs

*** Threaded BSP. May differ based on foam type and mixing ratio.

All parts have been selected for reliable and trouble free service using corrosion resistant materials for low maintenance.

PERFORMANCE DATA

Model	Flow Range [l/min]	Min. Straight Pipe Length Upstream [mm]	Min. Straight Pipe Length Downstream [mm]
ITPW-150	70-7000	750	750
ITPW-200	150-15000	1000	1000
ITPW-250	200-20000	2500	2500

Inlet Pressure: Min-Max 5-16 bar

Proportioning ratio presets as standard: 1%, 2%, 3%, or 6%

Application

The ITPW bladder tank proportioner is designed for mounting between flanges, DIN or ANSI, with a minimum straight pipe length before and after the proportioner according to specification in performance data. The proportioner body is marked with flow direction.