



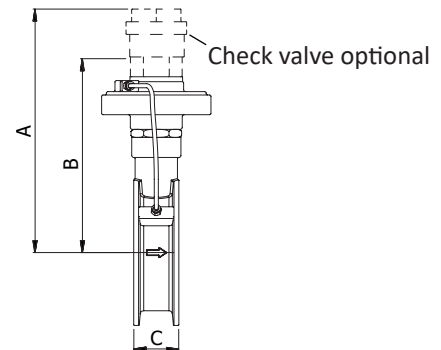
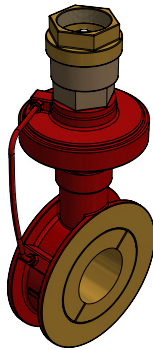
Balance Pressure Proportioner

The IPP is a foam proportioner designed for use with foam pumps and induces foam concentrate into the main water line.

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 IPP comes in sizes from DN50 up to DN250, and flow ranges of 110 to 24.000 lpm. As standard equipped with balancing valve.

The IPP balanced pressure proportioner is designed for mounting between flanges, DIN or ANSI. Foam pump pressure to be minimum 1 bar over water pressure to enable accurate proportioning. The proportioner body is marked with flow direction.



DIMENSIONAL DATA

Model	Length [mm]			Connection water**/foam***	Weight [kg]
	A*	B	C		
IPP-50	241	182	38	DN50 / 1" M	7,0
IPP-80	272	207	50	DN80 / 1" M	7,0
IPP-100	305	235	58	DN100 / 1½" M	7,5
IPP-150	320	240	74	DN150 / 2" F	14,5
IPP-200	437	340	89	DN200 / 2½" F	27,0
IPP-250	515	398	100	DN250 / 3" F	36,0

* Height with optional check valve, Threaded BSP Female

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

*** Threaded BSP. May be changed 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.

Material:

Body and internals: **Bronze**

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

PERFORMANCE DATA

Model	Flow rate min - max (AFFF/AR) [l/min]	Flow range AFFF/AR	K-factor
IPP-50	110/450 - 1100	1:10 / 1:5	480
IPP-80	250/450 - 3000	1:12 / 1:7	1500
IPP-100	500/900 - 6000	1:12 / 1:7	3125
IPP-150	1100/1850 - 12900	1:12 / 1:7	6120
IPP-200	1600/2700 - 18800	1:12 / 1:7	8950
IPP-250	2000/3450 - 24000	1:12 / 1:7	11450

Inlet Pressure: Min-Max 3-16 bar

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

PRESSURE DROP

