

## TP and TPW Bladder Tank Proportioner

### Description

SKUM TP and TPW proportioners guarantee accurate foam proportioning over a wide range of flow and pressure conditions. Manufactured in bronze, they are suitable for maintenance-free installation in a wide range of industrial and marine environments.

### Application

The TP proportioner is used in conjunction with bladder tanks to supply accurate foam delivery to fire monitors and deluge systems. The TP / TPW is used in combination with the SKUM MTB bladder tank.

### Features

- Easily adjustable foam regulating nozzle
- Accurate proportioning over the range
- Corrosion resistant materials
- Maintenance free compact design

### Installation

- Water: Wafer mounted between flanges (see table)
- Foam inlet: Flanged to fit DIN PN16 or ANSI 150 lbs or threaded BSP

### Listings and Approvals

- Det Norske Veritas (DNV)
- Russian Maritime Register of Shipping



TP-100/50

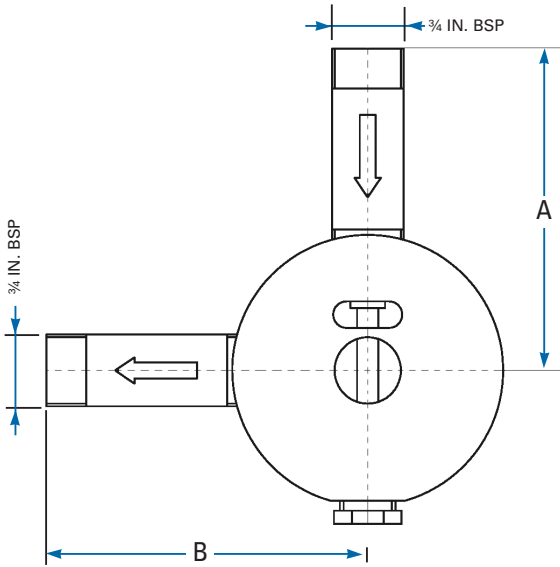
### Ordering Information

Please specify the following:

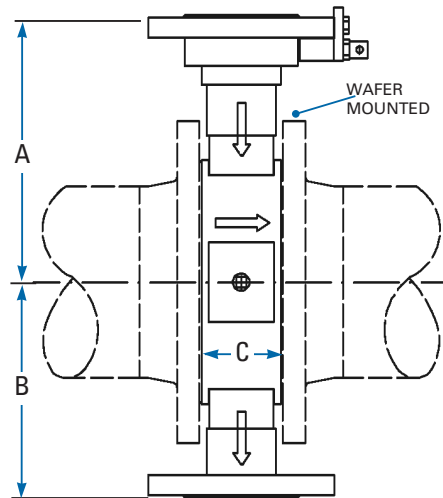
1. Model size
2. Connection DIN or ANSI

Part No.	Model Description
124010102	TP-100/50 DIN/ANSI
124015107	TP-150/50 DIN/ANSI
124020103	TP-200/80 DIN
124020205	TP-200/80 ANSI
124025106	TP-250/80 DIN
124025203	TP-250/80 ANSI
124210104	TPW-100/50 DIN/ANSI
124215115	TPW-150/50 DIN/ANSI
124220109	TPW-200/80 DIN
124220204	TPW-200/80 ANSI
124225104	TPW-250/80 DIN
124225208	TPW-250/80 ANSI

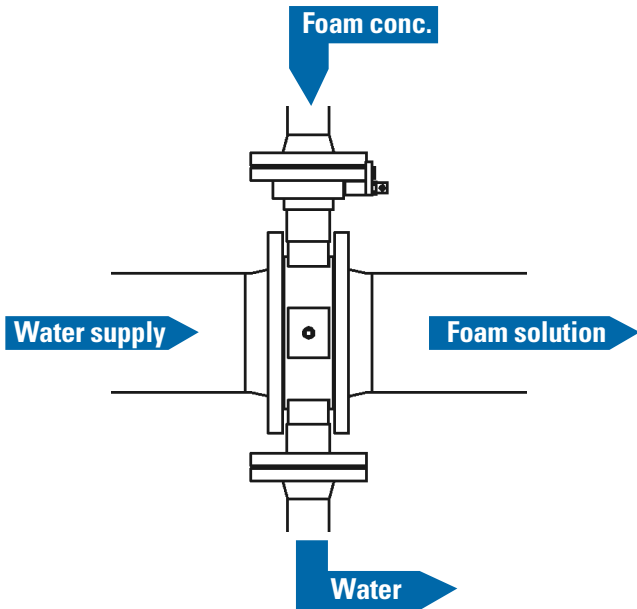
**Specifications**



**FIGURE 1**  
TP-50, 80



**FIGURE 3**  
TPW-100, 150, 200, 250



**FIGURE 2**  
TP/TPW FLOW

**Note:** Minimum 5 diameters straight pipe required upstream and 3 diameters straight pipe required downstream of the proportioner.

**Dimensions - TP and TPW**

TP	TPW	A mm	B mm	C mm
TP-50/20	-	125	125	37
TP-80/20	-	140	140	37
TP-100/50	TPW-100/50	209	173	70
TP-150/50	TPW-150/50	241	198	70
TP-200/80	TPW-200/80	291	243	82
TP-250/80	TPW-250/80	323	276	82

## Performance Data TP Proportioners Table

Type	Connection		Minimum Capacity		Maximum Capacity		Weight	
	Foam*	Water	Lpm	(gpm)	Lpm	(gpm)	kg	(lb)
TP-50/20	¾ in. BSP	50 / 2 in.	125	(33)	800	(211)	5	(11)
TP-80/20	¾ in. BSP	80 / 3 in.	300	(79)	2,000	(528)	9	(20)
TP-100/50	50 / 2 in.	100 / 4 in.	770	(203)	4,900	(1,295)	20	(44)
TP-150/50	50 / 2 in.	150 / 6 in.	1,500	(396)	9,800	(2,589)	25	(55)
TP-200/80	80 / 3 in.	200 / 8 in.	2,875	(760)	21,100	(5,575)	43	(95)
TP-250/80	80 / 3 in.	250 / 10 in.	5,100	(1,347)	33,100	(8,745)	51	(112)

\*At 1.5 bar pressure drop

## Performance Data TPW Proportioners Table

Type	Connection		Minimum Capacity		Maximum Capacity*		Weight	
	Foam/Water	Water	Lpm	(gpm)	Lpm	(gpm)	kg	(lb)
TPW-100/50	50 / 2 in.	100 / 4 in.	75	(20)	2,500	(661)	20	(44)
TPW-150/50	50 / 2 in.	150 / 6 in.	100	(26)	5,600	(1,480)	26	(57)
TPW-200/80	80 / 3 in.	200 / 8 in.	125	(33)	10,600	(2,801)	44	(97)
TPW-250/80	80 / 3 in.	250 / 10 in.	150	(40)	16,100	(4,254)	52	(114)

\*At 1.5 bar pressure drop

**Note:** The converted values provided in this document are for nominal reference only and do not reflect an actual measurement.

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