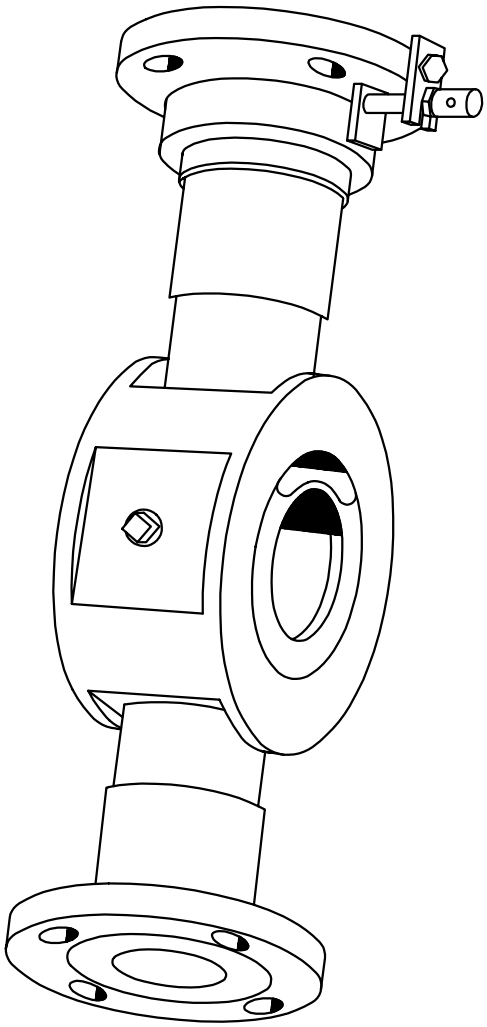
TPW-100/50
TPW-150/50
TPW-200/80
TPW-250/80



Description

Accurate proportioning of foam concentrate, preferably irrespective of flow and pressure variations, is vital for the correct performance of a foam system.

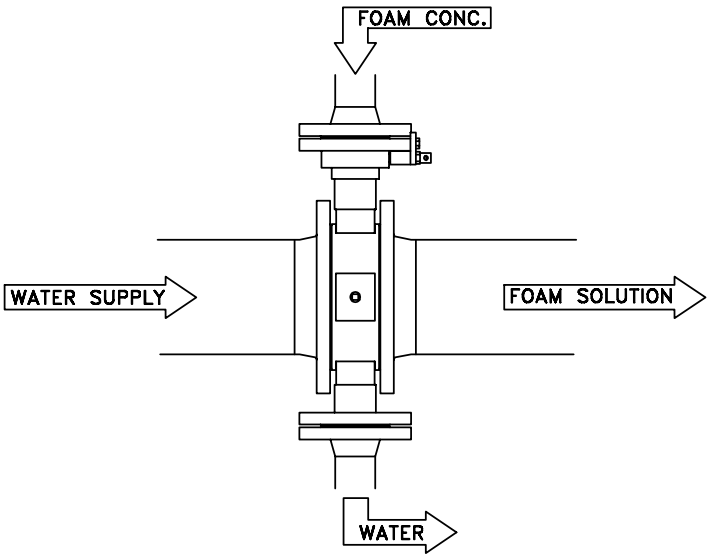
The TPW proportioner has an orifice of which the area changes in relation to the flow. This system secures correct proportioning within a wide range of flow. For example, a sprinkler system will become more effective by adding foam and by using the TPW proportioner. The proportioning will even be correct for large variations in number of sprinkler heads activated.

The TPW proportioner is a maintenance-free construction made of high quality bronze and stainless steel.

The TPW is used in combination with the SKUM bladder tank MTB.

The proportioning can easily be changed by adjusting the integrated regulating nozzle.

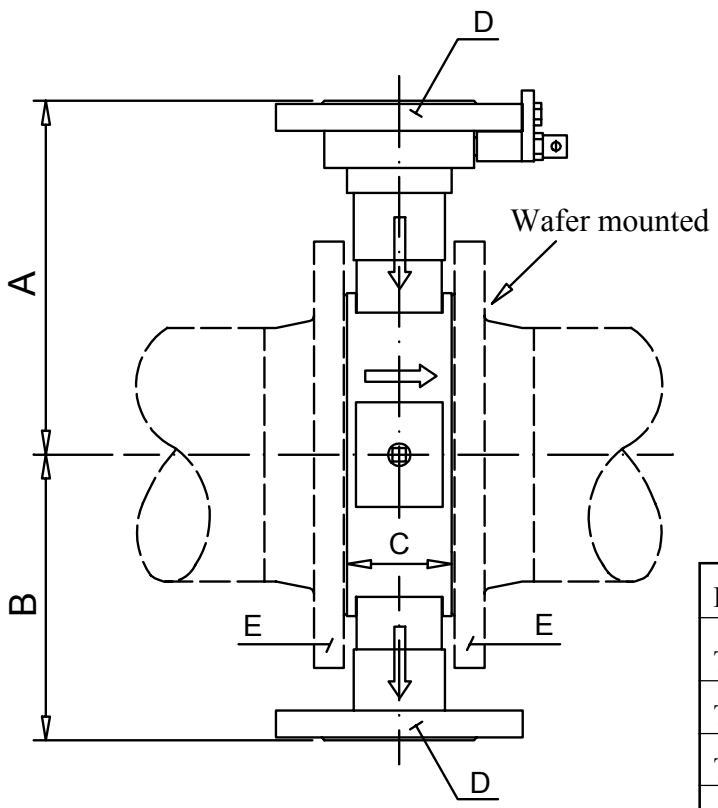
Principle flow diagram



WIDE RANGE PROPORTIONER

Dimensions

TPW-100/50
TPW-150/50
TPW-200/80
TPW-250/80



DIMENSIONS	A mm	B mm	C mm
TPW-100/50	209	173	70
TPW-150/50	241	198	70
TPW-200/80	291	243	82
TPW-250/80	323	276	82

Performance data

1 bar = 0,1 MPa = 14,5 psi

TYPE	Connection mm/inch		Capacity				Weight		Proportioner k-factor
			Min.		Max.*				
	D	E	l/min	USGPM	l/min	USGPM	kg	lbs	
TPW-100/50	50/2"	100/4"	75	19,8	2500	661	20	44	2040
TPW-150/50	50/2"	150/6"	100	26,4	5600	1480	26	57	4585
TPW-200/80	80/3"	200/8"	125	33	10600	2800	44	97	8660
TPW-250/80	80/3"	250/10"	150	39,6	16100	4254	52	115	13115

* At proportioner system pressure drop 1,5 bar, Min. 0,3 bar

$$\frac{\text{Q lit./min.}}{\sqrt{\text{P bar}}} = \text{k-factor}$$

Max. working pressure 16 bar/235 psi

Materials: Bronze and stainless steel

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