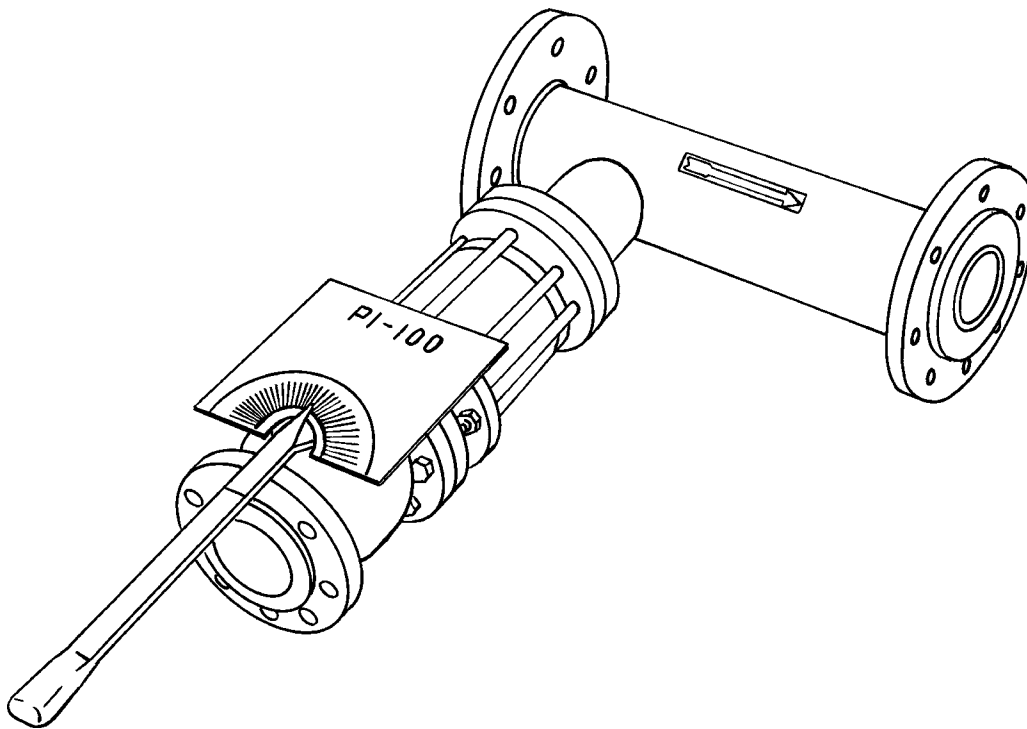


PI-100

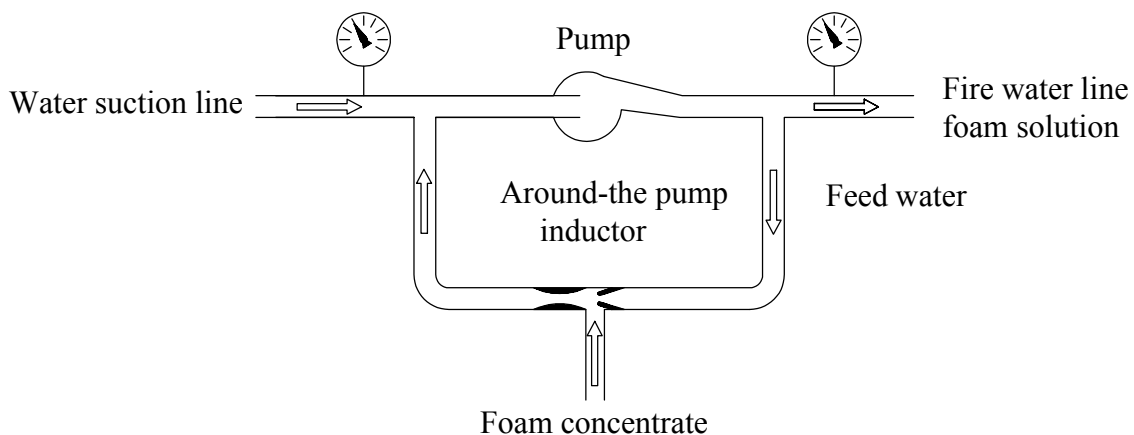
Description

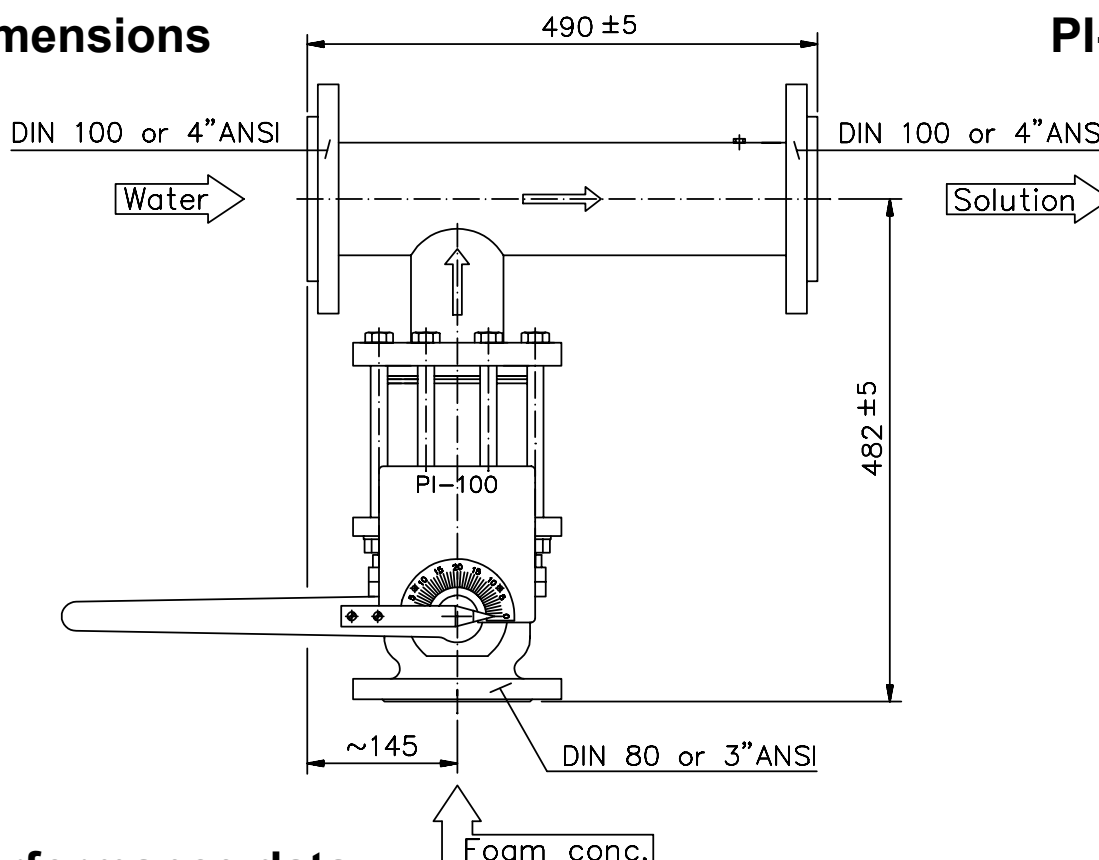
The around-the-pump inductor is a foam concentrate proportioning unit, designed to be connected in a by-pass between the pressure and suction side of the fire water pump. This system enables just a small part of the total water flow, the feed water, to pass through the around-the-pump inductor without causing any

pressure drop in the water line.

The PI-100 has an adjustable foam concentrate suction capacity of up to 770 l/min corresponding to 3 % at a water flow of 25600 l/min or 6 % at a water flow of 12800 l/min. Other applications with the around-the-pump inductor are possible.

Principle flow diagram



Dimensions**PI-100****Performance data****1 bar = 0,1 MPa = 14,5 psi**

Feed water capacity				Max. induction capacity	
Bar	psi	l/min	USGPM	l/min	USGPM
6	87	620	164	770	204
8	116	720	190	770	204
10	145	800	212	770	204
12	174	880	233	770	204

Max. counter pressure	0,5 bar/7,2 psi
Max. working pressure:	16 bar/232 psi
Material:	Body: Stainless steel
	Nozzle, diffusor: Polypropylene
	Check valve: Stainless steel
	Valve: Stainless steel
	Flange: Galvanized steel
Connection:	Water: 100 Din PN 16 or 4" ANSI 150 lbs
	Foam concentrate: 80 Din PN 16 or 3" ANSI 150 lbs
Weight	45 kg/99 lbs



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