

5c-1-2 Float-Type Steam Traps

Specifications

DN, mm	PN, MPa	Tmax of the Medium, °C	Body Material, Steel	Working Medium	Max. Pressure Differential, MPa	Weight without Electric Actuator, kg	Updated	S1, cm2	S2, cm2	Torque, N*m
25	10	450	20	Пароводяная смесь	0,25	52	0	0	0	0

Legend

DN - Nominal Diameter
PN - Nominal Pressure
P - Pressure

Tmax - Maximum Design Temperature
Мкр - Spindle Torque
t - Response time
μ - Fluid Flow Coefficient

h - Valve Stroke
Kv - Throughput Capability
F - Seat Area
ζ - Resistance Coefficient

The opening or closing of the blocking element of the steam trap is carried out automatically with the help of a float thanks to the difference in densities of the water steam and condensate (2nd group fluid and its vapors).

According to GOST 356-80, the items designed for the ultimate pressure allow their application on operating parameters within the following range:

from 10 MPa, 200 °C to 3,6 MPa, 455 °C.

The below table demonstrates technical specifications of the steam traps manufactured by BKZ, LLC.

Page link:

<https://en.bkzn.ru/catalog/armatura-zapornaya/kondensatootvodchik/5s-1-2/>