



Description

1. Small size, light weight, with a large condensate displacement.
2. The valve is normally open type, in the take of stage with a good exhaust performance.
3. Will not damage at the freezing environment, To prevent water hammer and overheating.
4. Changes according to the working pressure is automatically adjusted.
5. Easy maintenance, no need to replacement from the pipe, only change the sealing bag and seat.
6. The discharge temperature can be determined by the different models.
7. Discharge temperature below the saturation temperature, is conducive to the sensible heat of condensation of water use, reduce the loss of secondary steam.

Selection of possible applications

Condensate Systems, General Industries, Pharmaceuticals, Power Generation, Primary Processing, Steam Systems, Utilities

Selection of possible flow media

Steam

Balanced pressure steam traps

BP70 Balanced pressure steam traps

BP70 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	Weights
BP70	15.20	80	52	58	1
	25	90	55	65	1.3

Materials

Body	Stainless steel	EN 12165 CW 617N/ANSI 316L
Bonnet	Stainless steel	EN 12165 CW 617N/ANSI 316L
Internals	Stainless steel	

Limits (ISO 6552)

conditions

PMA -

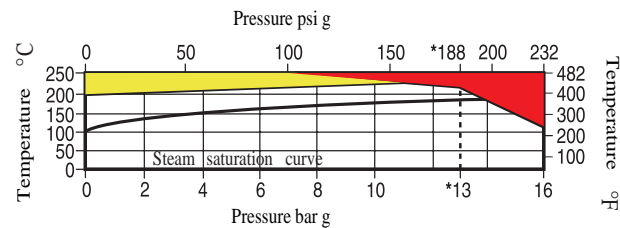
TMA -

maximum cold hydraulic test pressure of:

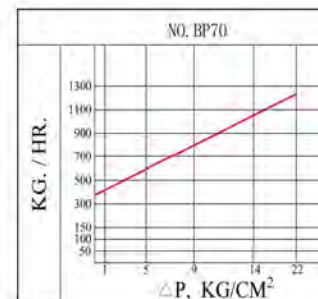
232 psi/PN16
231 psi g/16 bar g
392°F/200°C
348 psi g/24 bar g



Temperture and Pressure limits



Capacities(Drainage line side number is pore size)

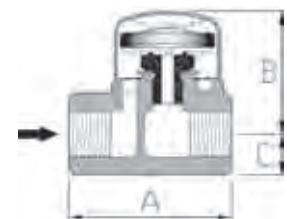


Size and connections

½", ¾" BSP/NPT

BP72 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	Weights
BP72	15	60	45	15	0.33
	20.25	60	48	17	0.38



BP72 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	Weights
BP72F	15	150	45	45	2.3
	20.25	150	50	50	2.5



Size and connections

½", ¾" 和 1" BSP/ NPT · Butt weld EN12627 DN15, DN20 和 DN25 ,Flange EN 1092-1 PN40 ANSIB 16.5 Class 150 和 300

Materials

Body/Cover	Carbon steel	DIN 17243 C22-8 (W/S 1.0460) ASTM A105N
Gasket	Spirally wound stainless steel with exfoliated graphite filler	
Internals	Stainless steel	
Bonnet	(M10×30)Stainless steel	A2-70

Limits (ISO 6552)

conditions

PMA -

TMA -

maximum cold hydraulic test pressure of:

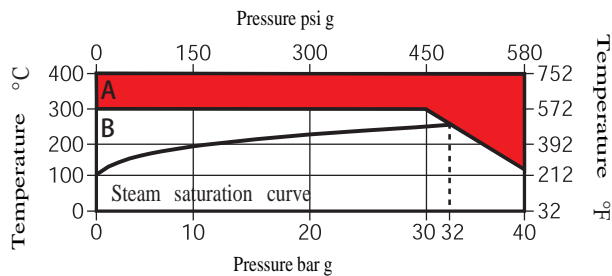
580 psi/40 bar

580 psi g/40 bar g

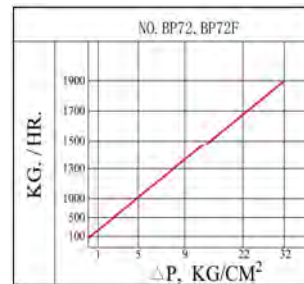
572°F/300°C

1087 psi/75 bar

Temperature and Pressure limits



Capacities(Drainage line side number is pore size)



BP73 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	Weights
BP73	15	20	63	53	0.4
	20	27	65	62	0.45

Materials

Body	Brass/ Stainless steel	EN 12165 CW 617N/ANSI 316L
Bonnet	Stainless steel	EN 12165 CW 617N/ANSI 316L
Internals	Stainless steel	

Limits (ISO 6552)

conditions

PMA -

TMA -

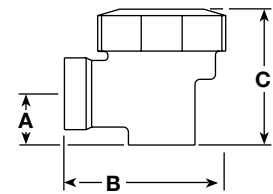
maximum cold hydraulic test pressure of:

232 psi/PN16

231 psi g/16 bar g

392°F/200°C

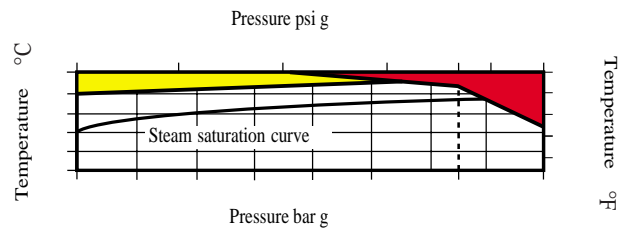
348 psi g/24 bar g



Size and connections

½", ¾" BSP/NPT

Temperature and Pressure limits



Capacities(Drainage line side number is pore size)

