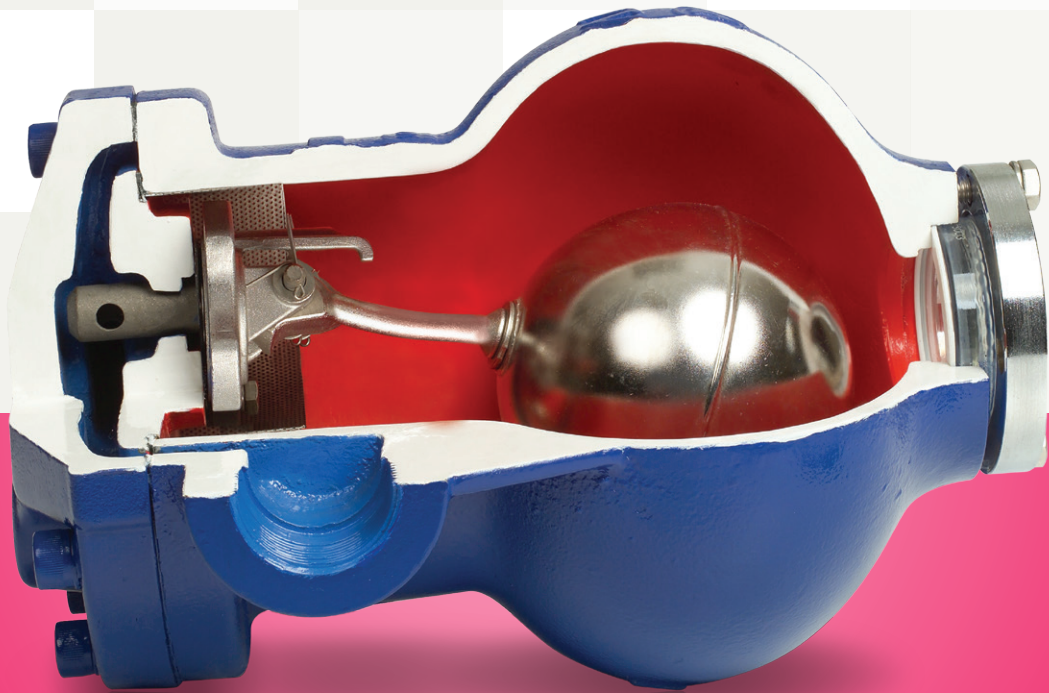




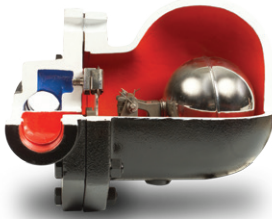
# STEAM TRAPS



4

# STEAM TRAPS

## FLOAT TYPE STEAM TRAPS WITH AIR VENT ► SK-50



Body and Cover  
Internals and float  
Connection Types

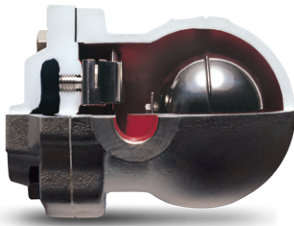
Ductile Iron GGG 40.3  
Stainless Steel AISI 304  
Flanged and threaded

**OPERATING CONDITIONS**

Max. Operating Pressure (PMO) 16 bar  
Max. Operating Temperature (TMO) 250°C  
Max. Differential Pressure (ΔP) 4,5-10-14

DIMENSIONS	
Flanged (DN)	Threaded (inch)
25	1"
32	1 1/4"
40	1 1/2"
50	2"

## FLOAT TYPE STEAM TRAPS WITH AIR VENT ► SK-51 / SK-51C



Body  
Cover  
Internals and float  
Connection Types

Ductile Iron GGG 40.3  
Cast Steel GSC 25  
Stainless Steel AISI 304  
Flanged and threaded

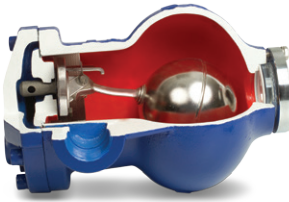
\* SK-51C: The thermostatic unit can be disabled by balance rod.

**OPERATING CONDITIONS**

Max. Operating Pressure (PMO) 16 bar  
Max. Operating Temperature (TMO) 250°C  
Differential Pressure (ΔP) 4,5-10-14

DIMENSIONS	
Flanged (DN)	Threaded (inch)
15	1/2"
20	3/4"
25	1"

## FLOAT TYPE STEAM TRAPS WITH AIR VENT ► SK-55 WITH SIGHT GLASS



Body and Cover  
Internals and float  
Connection Types

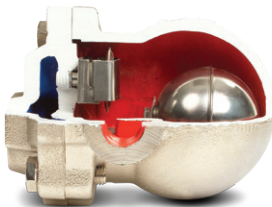
Ductile Iron GGG 40.3  
Stainless Steel AISI 304  
Flanged and threaded

**OPERATING CONDITIONS**

Max. Operating Pressure (PMO) 16 bar  
Max. Operating Temperature (TMO) 250°C  
Differential Pressure (ΔP) 4,5-10-14

DIMENSIONS	
Flanged (DN)	Threaded (inch)
32	1 1/4"
40	1 1/2"
50	2"

## FLOAT TYPE STEAM TRAPS WITH AIR VENT ► SK-61/SK-61C



Body and Cover  
Internals and float  
Connection Types

Stainless Steel AISI 316  
Stainless Steel AISI 304  
Flanged and threaded

\* SK-61C: The thermostatic unit can be disabled by balance rod.

**OPERATING CONDITIONS**

Max. Operating Pressure (PMO) 25 bar  
Max. Operating Temperature (TMO) 250°C  
Max. Differential Pressure (ΔP) 4,5-10-14

DIMENSIONS	
Flanged (DN)	Threaded (inch)
15	1/2"
20	3/4"
25	1"

## FLOAT TYPE STEAM TRAPS WITH AIR VENT ► SK-61 WITH SIGHT GLASS



Body and Cover  
Internals and float  
Connection Types

Stainless Steel AISI 316  
Stainless Steel AISI 304  
Flanged and threaded

**OPERATING CONDITIONS**

Max. Operating Pressure (PMO) 25 bar  
Max. Operating Temperature (TMO) 250°C  
Max. Differential Pressure (ΔP) 4,5-10-14

DIMENSIONS	
Flanged (DN)	Threaded (inch)
15	1/2"
20	3/4"
25	1"

## FLOAT TYPE STEAM TRAPS WITH AIR VENT ► SK-70



Body  
Cover  
Internals and float  
Connection Types

Cast Steel GSC 25  
Cast Steel GSC 25  
Stainless Steel AISI 304  
Flanged and threaded

**OPERATING CONDITIONS**

Max. Operating Pressure (PMO) 32 bar  
Max. Permissible Pressure 40 bar  
Max. Operating Temperature (TMO) 250°C  
Max. Differential Pressure (ΔP) 4,5-10-14

DIMENSIONS	
Flanged (DN)	Threaded (inch)
15	1/2"
20	3/4"
25	1"

**FLOAT TYPE STEAM TRAPS WITH AIR VENT ► SK-70 WITH SIGHT GLASS**



Body and Cover  
Internals and float  
Connection Types

Cast Steel GSC 25  
Stainless Steel AISI 304  
Flanged and threaded

**OPERATING CONDITIONS**

Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)  
Differential Pressure (ΔP)

32 bar  
250°C  
4,5-10-14

DIMENSIONS	
Flanged (DN)	Threaded (Inch)
15	1/2"
20	3/4"
25	1"

**INVERTED BUCKET STEAM TRAPS ► BT-16**



Body  
Cover  
Internals and Float  
Connection Types

Cast Iron GG 25  
Cast Iron GG 25  
Stainless Steel AISI 304  
Threaded

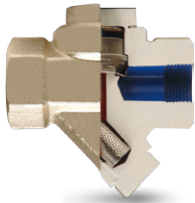
**OPERATING CONDITIONS**

Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)  
Max. Differential Pressure (ΔP)

16 bar  
220°C  
5,4-8,5-15,5

DIMENSIONS	
Threaded (Inch)	
1/2"	
3/4"	
1"	

**THERMODYNAMIC STEAM TRAPS ► TDK-45**



Body  
Cover  
Strainer, Disc, Seat  
Connection Types

Forged Steel  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Flanged, threaded, socket

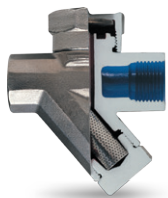
**OPERATING CONDITIONS**

Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

40 bar  
400°C

DIMENSIONS	
Flanged (DN)	Threaded And Socket (Inch)
15	1/2"
20	3/4"
25	1"

**THERMODYNAMIC STEAM TRAPS ► TDK-PS**



Body  
Cover  
Strainer, Disc, Seat  
Connection Types

Stainless Steel AISI 304  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Threaded, socket

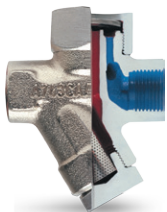
**OPERATING CONDITIONS**

Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

40 bar  
400°C

DIMENSIONS	
Threaded and Socket (Inch)	
1/2"	
3/4"	
1"	

**THERMODYNAMIC STEAM TRAPS ► TDK-71**



Body  
Cover  
Strainer, Disc, Seat  
Connection Types

Stainless Steel AISI 304  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Threaded

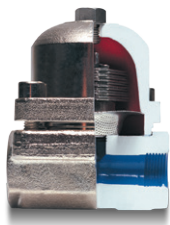
**OPERATING CONDITIONS**

Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

40 bar  
400°C

DIMENSIONS	
Threaded and Socket (Inch)	
1/2"	
3/4"	
1"	

**BI-METALLIC STEAM TRAP ► TK-1**



Body  
Cover  
Strainer, Disc, Seat  
Connection Types  
Socket

Forged Steel  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Flanged, Threaded,

**OPERATING CONDITIONS**

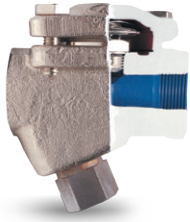
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

40 bar  
400°C

DIMENSIONS	
Flanged (DN)	Threaded and Socket (Inch)
15	1/2"
20	3/4"
25	1"
32	1 1/4"
40	1 1/2"
50	2"

# STEAM TRAPS

## THERMOSTATIC STEAM TRAPS ► TTK-2Y



Body and Cover  
Strainer, Seat  
Thermostatic Capsule  
Check Valve  
Connections

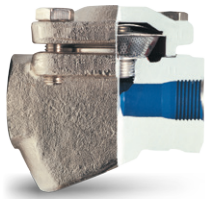
Forged Steel  
Stainless Steel AISI 304  
Hastelloy  
Brass MS 58  
Flanged, Threaded, Socket

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

32 bar  
250°C

DIMENSIONS	
Flanged (DN)	Threaded And Socket (Inch)
15	1/2"
20	3/4"
25	1"

## THERMOSTATIC STEAM TRAPS ► TTK-2N



Body and Cover  
Strainer, Seat  
Thermostatic Capsule  
Check Valve  
Connections

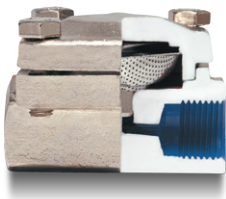
Forged Steel  
Stainless Steel AISI 304  
Hastelloy  
Brass MS 58  
Flanged, Threaded Socket

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

32 bar  
250°C

DIMENSIONS	
Flanged (DN)	Threaded and Socket (inch)
15	1/2"
20	3/4"
25	1"

## THERMOSTATIC STEAM TRAPS ► TTK-21



Body and Cover  
Strainer, Seat  
Thermostatic Capsule  
Connections

Forged Steel  
Stainless Steel AISI 304  
Hastelloy  
Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

32 bar  
250°C

DIMENSIONS	
Threaded (inch)	
3/8"	
1/2"	

## THERMOSTATIC STEAM TRAPS ► TTK-41/42



Body  
Thermostatic Capsule  
Strainer, Seat  
Connection Types

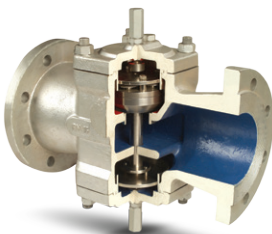
Stainless Steel AISI 304 (TKK-41)  
Stainless Steel AISI 316 (TKK-42)  
Hastelloy  
Stainless Steel AISI 304  
Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

45 bar  
250°C

DIMENSIONS	
Threaded (inch)	
1/2"	
3/4"	

## THERMOSTATIC STEAM TRAPS ► HK-23 SUPER CONDENSATE RELEASER



Body  
Cover  
Thermostatic Capsule  
Internals  
Connections

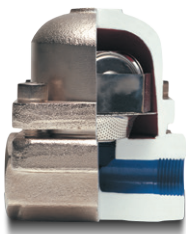
Ductile Iron GGG 40.3  
Ductile Iron GGG 40.3  
Hastelloy & Stainless Steel  
Stainless Steel AISI 304  
Flanged

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

21 bar  
250°C

DIMENSIONS	
Flanged (DN)	
50	
65	
80	
100	

## THERMOSTATIC STEAM TRAPS ► TTK-3 WITH 3 CAPSULES



Body and Cover  
Thermostatic Capsule  
Strainer, Seat  
Connection Types

Forged Steel  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

32 bar  
250°C

DIMENSIONS	
Flanged (DN)	Threaded and Welded (Inch)
15	1/2"
20	3/4"
25	1"
32	1 1/4"
40	1 1/2"
50	2"

## VACUUM BREAKERS ► VK-70



Body  
Cover  
Internals  
Connections

Brass  
Brass  
Stainless Steel AISI 304  
Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

16 bar  
250°C

DIMENSIONS	
Threaded (mm)	
1/2"	

## VACUUM BREAKERS ► VK-71



Body  
Cover  
Internals and float  
Connection Types

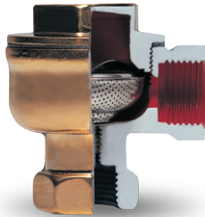
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)  
Max. Differential Pressure ( $\Delta P$ )

25 bar  
400°C  
5,4-8,5-15,5

DIMENSIONS	
Threaded (mm)	
1/2"	

## THERMOSTATIC AIR DRAINERS ► TTK-11 AIR ELIMINATOR



Body and Cover  
Thermostatic Capsule  
Internals  
Connections

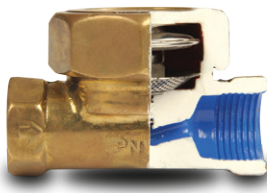
Brass  
Hastelloy  
Stainless Steel AISI 304  
Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

10 bar  
150°C

DIMENSIONS	
THREADED (mm)	
1/2"	

## THERMOSTATIC AIR DRAINERS ► TTK-61 AIR ELIMINATOR



Body and Cover  
Thermostatic Capsule  
Internals  
Connections

Brass  
Hastelloy  
Stainless Steel AISI 304  
Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

10 bar  
150°C

DIMENSIONS	
THREADED (mm)	
1/2"	

## FLOAT TYPE AIR DRAINERS ► HA-51 AIR DRAINER



Body  
Cover  
Internals and float  
Connections

Ductile Iron GGG 40.3  
Ductile Iron GGG 40.3  
Stainless Steel AISI 304  
Flanged and Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

16 bar  
250°C

DIMENSIONS	
FLANGED (DN)	THREADED (inch)
15	1/2"
20	3/4"
25	1"

## FLOAT TYPE AIR DRAINERS ► HA-50 AIR DRAINER



Body  
Cover  
Internals and float  
Connections

Ductile Iron GGG 40.3  
Ductile Iron GGG 40.3  
Stainless Steel AISI 304  
Flanged and Threaded

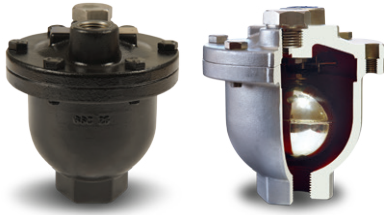
**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

16 bar  
250°C

DIMENSIONS	
Flanged (DN)	Threaded (inch)
25	1"

# STEAM TRAPS

## FLOAT TYPE AIR DRAINERS ► HA-52/62



Body and Cover  
Internals and float  
Connections

Ductile Iron GGG 40.3 (HA-52)  
Stainless Steel AISI 316 (HA-62)  
Stainless Steel AISI 304  
Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

16 bar  
250°C

DIMENSIONS	
THREADED (inch)	
3/4" x 1/2"	

## PRESSURE REDUCING VALVES ► BDV-25



Body  
Shaft, Seat, Strainer  
Internals  
Connections

Ductile Iron GGG 40.3  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Threaded

**OPERATING CONDITIONS**  
Max Inlet Pressure  
Max. Outlet Pressure  
Set Pressure

19 bar  
8,6 bar  
0,14-1,7 bar  
1,4-4,0 bar  
3,5-8,6 bar

Max. Operating Temperature

210°C

DIMENSIONS	
THREADED (inch)	
1/2"	
3/4"	
1"	

## FLOAT TYPE LIQUID DRAINERS ► SA-51 LIQUID ELIMINATOR



Body  
Cover  
Internals and float  
Connections  
By-pass hole (Optional)

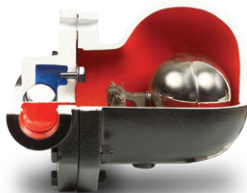
Ductile Iron GGG 40.3  
Ductile Iron GGG 40.3  
Stainless Steel AISI 304  
Flanged and Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

16 bar  
250°C

DIMENSIONS	
FLANGED (DN)	THREADED (inch)
15	1/2"
20	3/4"
25	1"

## FLOAT TYPE LIQUID DRAINERS ► SA-50 LIQUID ELIMINATOR



Body  
Cover  
Internals and float  
Connections  
By-pass hole (Optional)

Ductile Iron GGG 40.3  
Ductile Iron GGG 40.3  
Stainless Steel AISI 304  
Flanged and Threaded

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

16 bar  
250°C

DIMENSIONS	
FLANGED (DN)	THREADED (inch)
25	1"
32	1 1/4"
40	1 1/2"
50	2"

## STEAM SEPARATORS ► SPR-16/25/40



Body  
Internals  
Connections  
Condensate output  
Air output

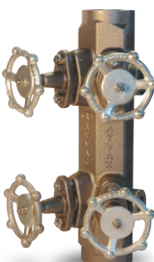
Carbon Steel / Stainless Steel (Optional)  
Stainless Steel AISI 304  
Flanged  
3/4"  
1/2"

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)

16/25/40 bar  
200°C

PN	DIMENSIONS	
	FLANGED (DN)	THREADED (inch)
16	15-300	1/2"
25		3/4"
40		1"

## CONDENSATE CONNECTION MANIFOLDS ► KT-13



Body  
Internals  
Valve  
Connections

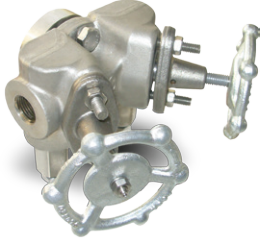
Carbon Steel C 22.8  
Stainless Steel  
Carbon Steel  
Threaded/Socket

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temperature (TMO)  
KV Valve

26 bar  
250°C  
1.8 m³/s

DIMENSIONS	
THREADED (mm)	
1/2"	
3/4"	

**PIPELINE CONNECTORS ► BK-33 (TD-SK)**



Body  
Seat and Disc  
Internals  
Valve  
Connections

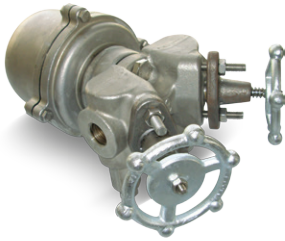
Stainless Steel AISI 304  
Stainless Steel AISI 420  
Stainless Steel  
Carbon Steel  
Threaded/Socket

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temp. (TMO)

42 bar  
315°C

DIMENSIONS	
THREADED, SOCKET	(inch)
1/2"	3/4"

**PIPELINE CONNECTORS ► BK-33 SK (FLOAT TYPE)**



Body and Cover  
Internals and Float  
Thermostatic Unit  
Valve  
Connections

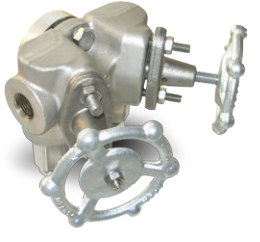
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Carbon Steel  
Threaded/Socket

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temp. (TMO)  
Differential Pressure

32 bar  
286°C  
4,5/10/14 bar

DIMENSIONS	
THREADED, SOCKET	(inch)
1/2"	3/4"

**PIPELINE CONNECTORS ► BK-33 TK (THERMOSTATIC)**



Body and Cover  
Capsule  
Internals  
Valve  
Connections

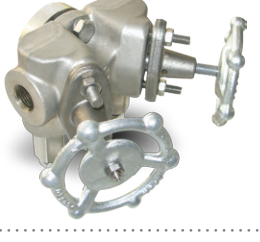
Stainless Steel AISI 304  
Stainless Steel  
Stainless Steel  
Carbon Steel  
Threaded/Socket

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temp. (TMO)  
Differential Pressure

32 bar  
240°C  
21 bar

DIMENSIONS	
THREADED, SOCKET	(inch)
1/2"	3/4"

**PIPELINE CONNECTORS ► BK-33 BM (BI-METALLIC)**



Body  
Bi-metallic Plates  
Internals  
Valve  
Connections

Stainless Steel AISI 304  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Carbon Steel  
Threaded/Socket

**OPERATING CONDITIONS**  
Max. Operating Pressure (PMO)  
Max. Operating Temp. (TMO)  
Differential Pressure

32 bar  
315°C  
32 bar

DIMENSIONS	
THREADED, SOCKET	(inch)
1/2"	3/4"

**STEAM TRAP TEST VALVE ► KTV-10**



Body Material  
Ball Material  
Body Gasket  
Ball Seat  
Connection Type  
Nominal Pressure (PN)  
Max. Operating Temp.

Stainless Steel AISI 304  
Stainless Steel AISI 304  
PTFE  
R-PTFE (15%)  
Threaded and Flanged  
40 bar  
-50/+210°C

Stainless Steel AISI 316  
Stainless Steel AISI 316  
PTFE  
R-PTFE (15%)  
Threaded and Flanged  
40 bar  
-50/+210°C

DIMENSIONS	
FLANGED (DN)	THREADED (inch)
DN15	1/2"
DN20	3/4"
DN25	1"
DN32	1 1/4"
DN40	1 1/2"
DN50	2"

**PNEUMATIC CONTROL ON/OFF VALVES ► PKV-50**



Body Material  
Gasket  
Connection Type  
Nominal Pressure (PN)  
Max. Operating Temp.

Stainless Steel AISI 316  
PTFE  
Threaded  
16 bar  
180°C

DIMENSIONS	
THREADED (mm)	
1/2"	
3/4"	
1"	
1 1/4"	
1 1/2"	
2"	

# STEAM TRAPS



## HEAD OFFICE - FACTORY

Atatürk Sanayi Bölgesi Hadımköy Mahallesi Mustafa İnan Caddesi No: 44 Arnavutköy - İSTANBUL  
Tel: +90 212 771 01 45 (pbx) | Fax: +90 212 771 25 60

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