

# KARAJET

## Steam Trap

SCA  
Inverted Bucket

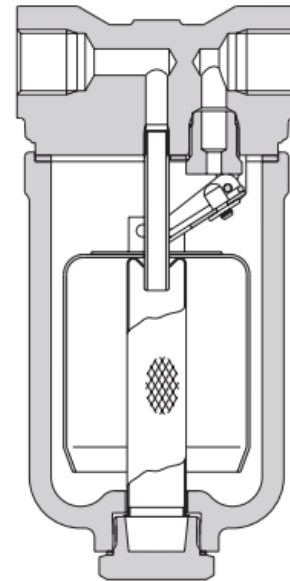
Mechanical

### Description:

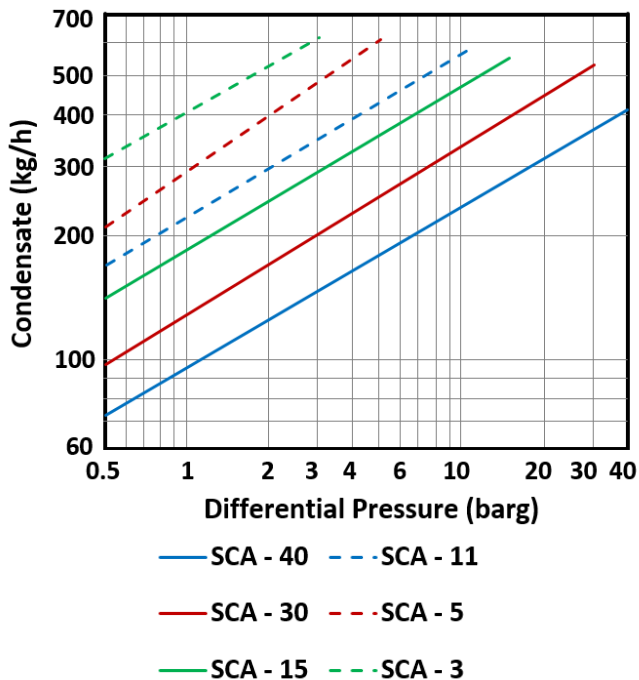
The KARAJET SCA is a medium pressure carbon steel inverted bucket steam trap that can handle a large range of pressure and is equipped with an internal strainer.

### Size and Pipe Connections:

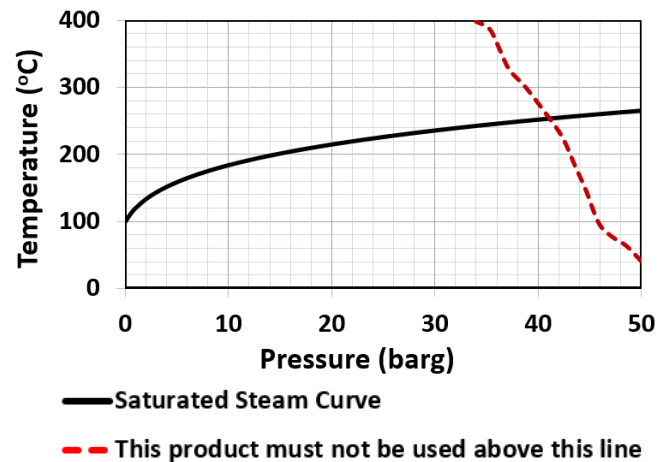
DN15 and DN25  
Available with Class 150 and 300 Flanges.  
Other sizes are available for flanged connection by request.



### Capacity Curve:



### Limiting Conditions:



Body Design Conditions	#300
PMA (Max. Allowable Pressure)	51 barg
TMA (Max. Allowable Temperature)	400 °C
PMO (Max. Operating Pressure)	40 barg
TMO (Max. Operating Temperature)	400 °C
Max. Cold Hydro Test Pressure	78 barg

### Material:

No.	Part	Material
1	Body	C.S. A105
2	Cover	C.S. A105
3	Bucket	S.S. 304
4	Orifice	S.S. 304
5	Inlet Tube	S.S. 304
6	Lever and Guide	S.S. 304
7	Strainer Screen	S.S. 304
8	Strainer Gasket	S.S. 304
9	Strainer Cap	C.S. A105
10	Bolts	Carbon Steel
11	Cover Gasket	Reinforced Graphite

### Spare Part List:

No.	Part No.	Part
1	3, 4, 6	Main Valve Assembly
2	7, 8, 9	Strainer Set
3	11	Cover Gaskets

### Dimensions (mm):

Size	A		B	C	SW	Weight (kg)	
	#150	#300				#150	#300
0.5"	150	150	90	167	3	4.6	5.0
0.75"	150	150	90	167	3	5.0	5.8
1"	160	160	165	167	3.5	5.7	6

