KARAJET
Steam Trap

UNA38

Mechanical

Description:

The KARAJET UNA38 is a Alloy Steel float steam trap ideal for applications with high pressure and have the option of a pilot valve for high capacity applications.

Size and Pipe Connections:

DN15 and DN50
Available with Class 600 and 900 Flanges.
Other sizes are available for flanged connection by request.

Capacity Curve:

Recommended Safety Factor: 1.5

Limiting Conditions:

Pressure / Temperature Raings					
Max. Service Press.	barg	100	80	66	44
Related Temperature	^{0}C	100	283	400	500

Body Design Conditions	PN100
PMA (Max. Allowable Pressure)	100 barg
TMA (Max. Allowable Temperature)	500 ^{0}C
PMO (Max. Operating Pressure)	80 barg
TMO (Max. Operating Temperature)	500 ^{0}C
Max. Cold Hydro Test Pressure	103.4 barg

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Material:

No.	Part	Material
1	Body	A182 F11
2	Cover	A182 F11
3	Ball Float	SS304 / SS316
4	Valve Assy.	SS304 / SS316
5	Air Vent Assy.	SS304 & Bimetal
6	Valve Gasket	SS304 / SS316
7	Bolts and Nuts	Carbon Steel
8	Plug	A182 F11
9	Cover Gasket	Spiral Wound

Spare Part List:

No.	Part No.	Part
1	Ball Float	3
2	Air Vent Assy.	5
3	Set of Gaskets	6, 9

Dimensions:

Size	A (#600)	B	C	D	E	Weight (kg)
0.5"	335	250	125	137	355	45
0.75"	345	250	125	137	355	46
1"	355	250	125	137	355	47
1.5"	370	250	125	137	355	48
2"	377	250	125	137	355	50