

ARD-SF-003

Flanged flame arrester



A flanged stainless steel flame-arrester range with published dimensional data through DN 250.

Sizes and pressure ratings depend on construction, materials and configuration. Confirm the selected pressure-temperature rating with the quotation.

Product illustration. Appearance and dimensions depend on the selected configuration.

Selection	Specification
Size range	DN 25-250
Pressure ratings	PN16 (1.6 MPa nominal)
Temperature	-196 to +60°C
Connections	Flanged

Define your requirement

Specify medium, design pressure and temperature, nominal size, connection standard, operation, quantity and required inspection documentation.

[View this product and request a quotation](#)

This catalogue datasheet supports selection and enquiry. It is not a certified pressure-temperature curve, installation drawing or order-specific approval.

Technical specification

Parameter	Specification
Size range	DN 25-250
Pressure ratings	PN16 (1.6 MPa nominal)
End connections	Flanged
Published medium	IIC
Temperature range	-196 to +60°C

End connections

Illustrated arrangement: Flanged protection device; this is not an isolation valve.

Connection detail	Selection requirement
Published connection	Flange□HG20592□
Referenced flange standard	HG 20592 (designation as published); edition, facing, drilling and pressure designation must be specified.
Flange selection	Specify nominal size, flange rating, facing, drilling and gasket. Do not infer these from the image alone.

Materials

Component	Material / option
Body	06Cr19Ni10
Core	06Cr19Ni10
Gasket	06Cr19Ni10+graphite

Reference dimensions

Dimensions apply to the tabulated version only. Confirm the approved outline drawing for the selected size, rating and connections before installation.

DN	L	K	D	N-□	Weight (kg)
25	204	85	115	4-14	-
32	234	100	140	4-18	-
40	238	110	150	4-18	-
50	260	125	165	4-18	-
65	260	145	185	8-18	-
80	322	160	200	8-18	-

DN	L	K	D	N-□	Weight (kg)
100	326	180	220	8-18	-
125	366	210	250	8-18	-
150	406	240	285	8-22	-
200	464	295	340	12-22	-
250	546	355	405	12-26	-

Linear dimensions: mm; weights: kg unless stated otherwise. Thread, mounting and pressure designations are not linear dimensions. A dash means that no value is documented. Request the approved outline drawing for installation.

Configuration features

- Flange□HG20592□

Selection notes

Sizes and pressure ratings depend on construction, materials and configuration. Confirm the selected pressure-temperature rating with the quotation.

“IIC” is the medium classification stated in the reference. The required gas group, flame-arresting duty and certification must be specified for selection.

PN, ASME Class and safety-valve set pressure are separate values. Confirm allowable pressure versus temperature, material compatibility, oxygen cleaning, trapped-liquid relief and required certification for the selected assembly. Liquid hydrogen and helium service require a separate assessment.