

ARD-TW-001

Flanged three-way globe valve



A large three-way globe assembly with flanged connections for distribution and changeover arrangements.

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 100-200
Pressure ratings	PN6 (0.6 MPa nominal)
Temperature	-196 to +60°C
Connections	Flanged
Medium	O2, N2, Ar, CO2, NG

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 100-200
Pressure ratings	PN6 (0.6 MPa nominal)
End connections	Flanged
Medium	O2, N2, Ar, CO2, NG
Temperature range	-196 to +60°C

End connections

Illustrated arrangement: Three flanged process branches; flange pattern follows the selected size drawing.

Connection detail	Selection requirement
Published connection	Flange(HG/T20592□
Referenced flange standard	HG/T 20592; 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
Bonnet	Composite
Stem	06Cr19Ni10
Top / closure element	06Cr19Ni10+PTFE
Gasket	PTFE

Reference dimensions

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

DN	L1	L2	H	D0	K	N-□
100	562	430	329	220	170	4-18
150	680	570	410	350	225	8-18
200	680	600	480	350	280	8-18

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(HG/T20592□)

Selection notes

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

“Top / closure element” follows the component designation in the reference material list.

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.