

Product data sheet

Characteristics

VG221F-100C

VG221F Globe Valve, 2-Way, DN100, Kvs 130 m³/h, ISO Flanged, Brass Plug, EPDM Seals, Stem Up Closed.



Main

Product or component type	Valve
Valve type	Globe
Valve product series	VG221F
Valve model	VG221F-100C 130M SU00
Medium compatibility	Water Glycol 25 % Glycol 30 % Glycol 50 %
Valve configuration	2-Way
Valve connection type	Flanged
Valve connection size	DN100 (ISO 7005-2)
Body size	100 mm (4 in)
Pipe size	100 mm
Flow characteristic	Equal percentage
Flow coefficient	150.31 cv 130 kvs
Pressure class	PN16
Operating fluid temperature	-10...150 °C
Pressure fluid max delta P normal life	199.95 kPa
Control valve rangeability	Greater than 50:1
Stroke length	45 mm
Seat leakage	Port A: Less than 0.03 % of kvs
Stem flow action	Stem up closed
Stem movement	Linear
Trim material	Brass
Body material	Grey cast iron GG-25
Seat material	Port A: grey cast iron GG-25
Stem material	Stainless steel AISI 303
Plug material	CW614N brass
Stem seal material	EPDM (ethylene propylene diene monomer)
Seating seal material	Port A: metal to metal
Packing material	EPDM (ethylene propylene diene monomer)
Targeted region	Europe Asia Pacific. Australia.

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	39.0 cm
Package 1 Width	22.0 cm
Package 1 Length	35.0 cm
Package 1 Weight	32.0 kg

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information