

Working Condition

Fluid	Liquid, without further specification	Working Temperature min	20.0 °C
Working pressure (max. existing system pressure)	20.00 bar	Working Temperature max	20.0 °C
Working pressure difference	20.00 bar		

Valve design

Type series	ISORIA 20	Head flange type	F10 acc. to ISO 5211
Nominal diameter	DN 250	Shaft end form	Flat head (H) acc. to ISO 5211
Maximal system pressure	20 bar	Shaft end dimension	19.0 mm
Maximal pressure difference	20 bar	Special design	Standard
Body type	T4 - Full-lug type with raised face	See the type series booklet for exact definition of flanging dimensions.	
Face to face length	68.0 mm		

Compatible connection

Connection standard	ISO 7005	Threading	M metric ISO Thread
Connection	PN 20	Hole execution	Threaded holes

Materials

Body (100)	Steel GP240GH.09-A216 GR WCC (1)	Liner (413)	EPDM XA (XA) International (ISO, EN)
Shaft (210)	Stainless steel 1.4057/AISI 431 (6h)	Material standard	
Disc (550)	Stainless steel 1.4408/A351 GR CF8M with coating P16 (6)		

Coating

Surface preparation	Blasting, surface treatment quality SA 2 1/2	Color	Ultramarine blue (RAL 5002)
Final coating	Polyurethane or polyester	KSB coating code	KSB-blue
Total film thickness approx.	80 µm		Amri P27

Nameplate execution

Nameplate execution	Polyester Sticker
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Certifications

Declaration of conformance to the order		Certificate	Certificate of compliance 2.1 with the order to EN 10204
Test standard	KSB standard		This certificate includes all items of the order