Data sheet

Customer item no.:
Communication dated:
Doc. no.: Pos.
Quantity: 1

Number:
Item no.:
Date:

ISORIA 10 DN200+ T1 PN16 3t6k3gXV - Lever CR510+

Version no.: 1

Working Condition

Fluid	Liquid, without further specification	Working Temperature min	20.0 °C
		Working Temperature max	20.0 °C
Working pressure (max. existing system pressure)	10.00 bar		
Working pressure difference	10.00 bar		

Valve design

Type series:	ISORIA 10	Head flange type	F07 acc. to ISO 5211
Nominal diameter	DN 200	Shaft end form	Parallel square (L) acc. to ISO 5211 EVO
Maximal system pressure	10 bar		
Maximal pressure difference	10 bar	Shaft end dimension	17.0 mm
Body type	T1 - Wafer type	Special design	Standard
Face to face length	60.0 mm	See the type series booklet for exact definition of flanging dimensions.	

Compatible connection

Connection standard	EN 1092	Threading	M metric ISO Thread
Connection	PN 16		

Materials

Body (100)	Grey cast iron EN-GJL-250 (3t)	Liner (413)	EPDM XV (Heat) (XV)
		Material standard	International (ISO, EN)
Shaft (210)	Stainless steel 1.4028 (6k)		
Disc (550)	Spheroidal graphite cast iron EN-GJS-400-15 / ASTM A536 gr.60.40.18 (3g)		

Coating

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

Nameplate execution

Nameplate execution	Stainless steel plate glued

Certifications

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

Order documentation

The following documents will be supplied with the order:		Technical data sheet	
General arrangement drawing		Languages	Dutch, English

Installation plan

Customer item no.:
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No drawing is available for
the product as configured.

Drawing is not to scale
The drawings do not indicate the exact product design
(number of taped lugs/clearance holes)

Weight net

Weight Valve Assembly	14 kg

Data sheet

Customer item no.:
Communication dated: 23/05/2023
Doc. no.: Pos. 100 van offerte 4004993342
Quantity: 1

Number: 4005049656
Item no.: 100
Date: 25/05/2023

Lever CR510+

Version no.: 1

Actuator design

Type series:	Lever CR	Activation lock	Padlocking
Actuator size	510 mm	Closing direction	Clockwise
Special design	Standard	Way of mounting/operation	Perpendicular to pipe, position 1 (N1)
Head flange type	F07 acc. to ISO 5211		
Shaft end dimension	17.0 mm	Bolting	Steel 8.8 A 2A
Shaft end form	Parallel square (L) acc. to ISO 5211 EVO	Max. allow. flow rate	339.29 m³/h
		Max. allowed liquid velocity	3.0 m/s
Valve function	On / Off	The choice of the actuators is determined for the maximum medium speed indicated in the valve. If the speed of the medium is larger it is mandatory to check this choice with your KSB Technical Assistance. The Technical Assistance will define a new size of actuator or will confirm that the choice is right.	
Position locking	In 10 intermediate positions		

Actuator coating

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

Order documentation

The following documents will be supplied with the order: Technical data sheet		Languages	Dutch, English