

EN- Technical data sheet

Pipe regulator gate, with fine adjustment

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Article code

20	2	1	046
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Diameter

10	DN 100
12	DN 120
15	DN 150
...	
30	DN 300

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Thickness

2	2.0 mm
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Surface

1	1.0330, powder-coated
3	1.4301, shot-blasted

④

Article group

046	Pipe regulator gate, with fine adjustment
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1 Technical data

Area of application and use	Control of free-flowing, powdery or granular bulk materials within gravimetric, inclined conveyor lines. Actuation oriented upwards.
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Connection	Both sides with flanged edges (<i>lips</i>) for clamping ring connections.
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Materials	
Case	According to article number 1.0330 (DC01) or 1.4301 (X5CrNi18-10) in specified material thickness
Gate	Made of 1.0330 (DC01) or 1.4301 (X5CrNi18-10) in thickness $t = 3 \text{ mm}$

Surfaces and temperature		
Surface treatment	Powder Coating (1.0330)	Stainless Steel Shot Blasting (1.4301)
	Standard colour: RAL 7032 ("pebble grey"); smooth, satin-gloss, electrostatically dissipative; Food physiologically harmless; Average layer thickness: 30 - 60 μm	Surface roughness R_a : 1.3 μm
Ambient temperature	-20°C to +120°C (from +80°C impairment of the appearance is to be expected)	-20°C to +200°C
Product temperature*	-20°C to +120°C (from +80°C impairment of the appearance is to be expected)	-20°C to +200°C

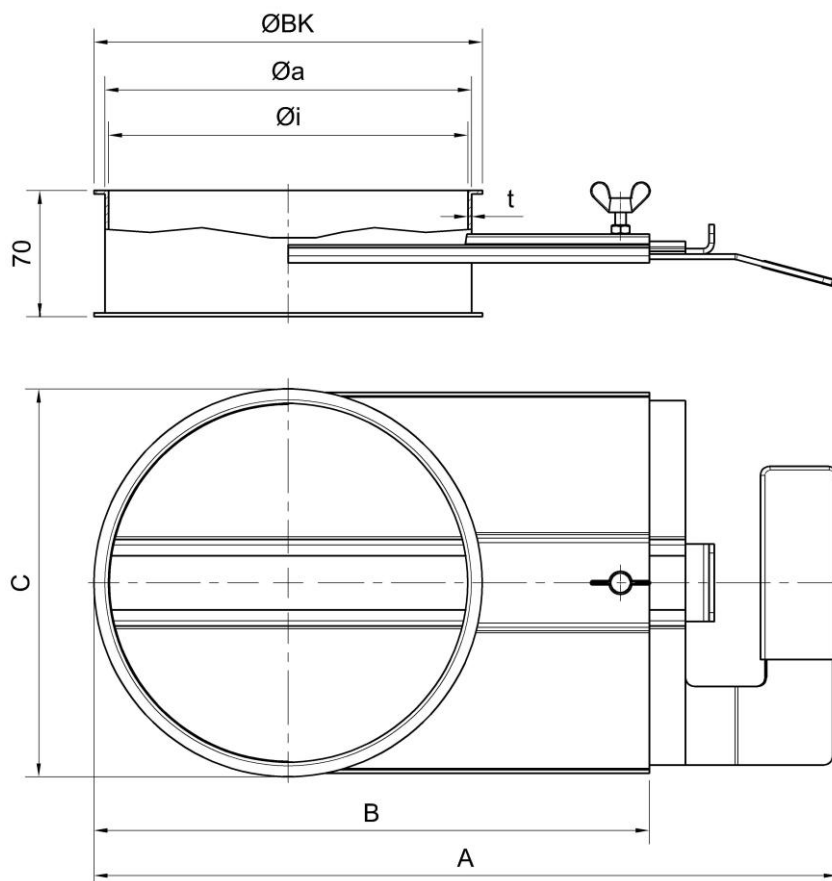
Actuation	Handle for manual, infinitely variable control. Fine control possible via small gate. Regulator gate lockable via wing nut
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**Note: If product temperatures exceed 50°C, the manual control or drive must be insulated against heat conduction on site.*

2 Dimensions

Dimension table

pictured version: DN 200



DN	t [mm]	Øi [mm]	Øa [mm]	ØBK [mm]	A [mm]	B [mm]	C [mm]	m [kg]
100	2	99	103	115	245	150	115	0,9
120		119	123	135	285	190	135	2
150		149	153	165	330	235	165	2,8
175		174	178	190	365	270	190	3,4
200		199	203	215	405	310	215	4,4
250		249	253	265	480	385	265	6,5
300		299	303	315	555	460	315	9,9

Tolerances

Pipe diameter and roundness according to DIN EN 10296-1:2004
 Length and angular dimensions according to DIN ISO 2768-v (very coarse)
 Lips: 6 mm ± 1 mm

3D-Models

All 3D-models are available for download in our [CAD portal](#) in the common file formats.