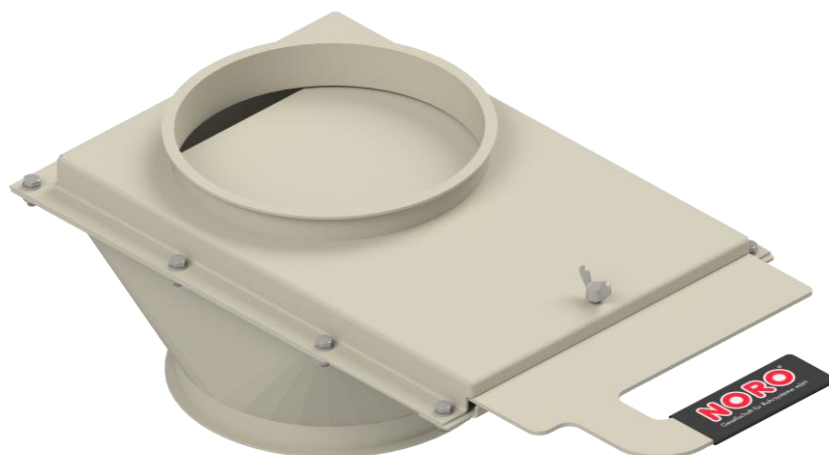


EN- Technical data sheet

Pipe gate, manually operated

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Article code

20	2	1	047
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①

Diameter

08	DN 80
10	DN 100
12	DN 120
...	
30	DN 300

②

Thickness

1	1.5 mm (<i>DN 80 only</i>)
2	2.0 mm

③

Surface

1	1.0330, powder-coated
2	1.0330, electro-galvanized
3	1.4301, shot-blasted

④

Article group

047	Pipe gate, manually operated
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1 Technical data

Area of application and use	For the discharge of free-flowing, granular and powdery bulk materials in gravimetric, pressureless conveyor systems.
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Connection	Both sides with flanged edges (<i>lips</i>) for clamping ring connections.
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Materials	
Nozzle	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 $t = 3 \text{ mm}$
Seal	1.0330: Sealing strip made of felt RG36, white 1.4301: Sealing strip made of silicone, 60±5 Shore A

Oberflächen und Temperatur			
Surface treatment	Powder Coating (1.0330)	Electrogalvanizing (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	Average layer thickness: 8 – 12 μm	Surface roughness Ra: 1.3 μm
Ambient temperature	-20°C bis +80°C		
Product temperature	-20°C bis +80°C	-20°C bis +80°C	-20°C bis + 210°C

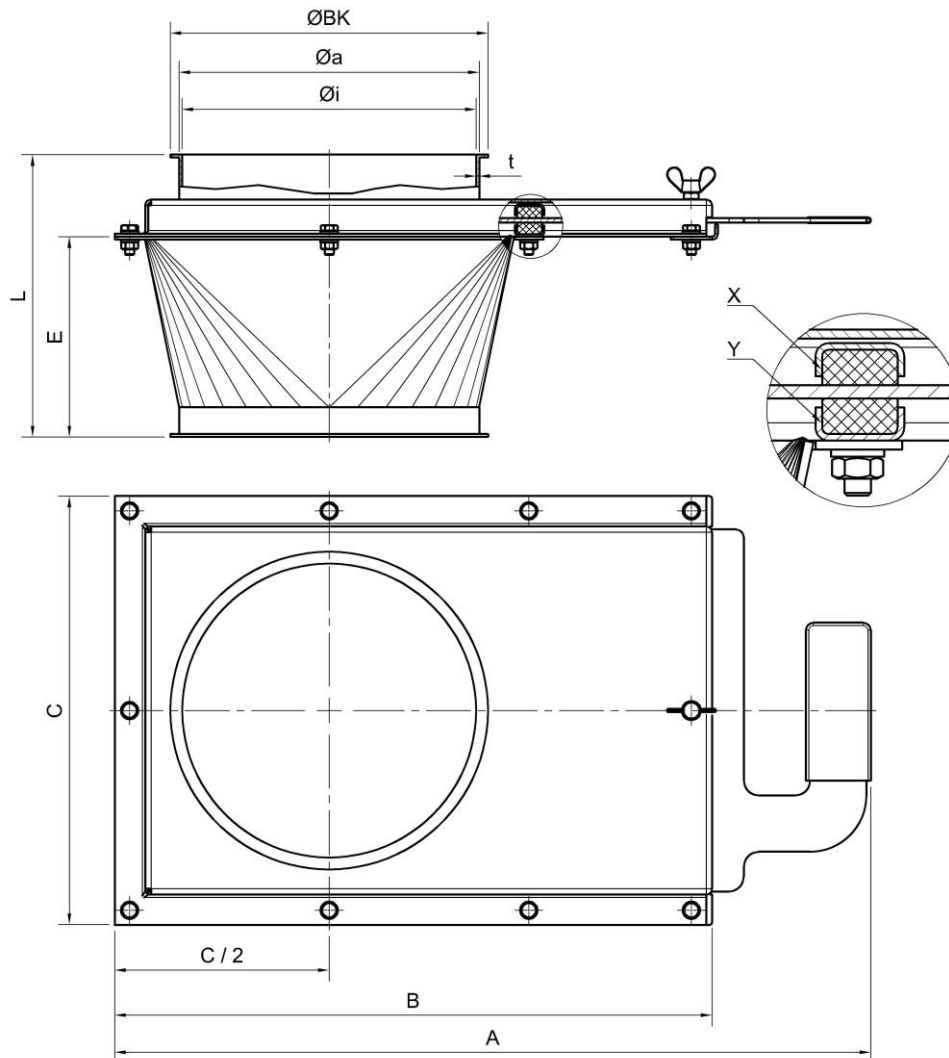
Actuation	Handle for manual, infinitely variable control Gate plate lockable via wing nut
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Note: If product temperatures exceed 50°C, the manual control or drive must be insulated against heat conduction on site.

2 Dimensions

Dimension table

Pictured version: DN 200



X= Sealing strip made of felt/ silicone

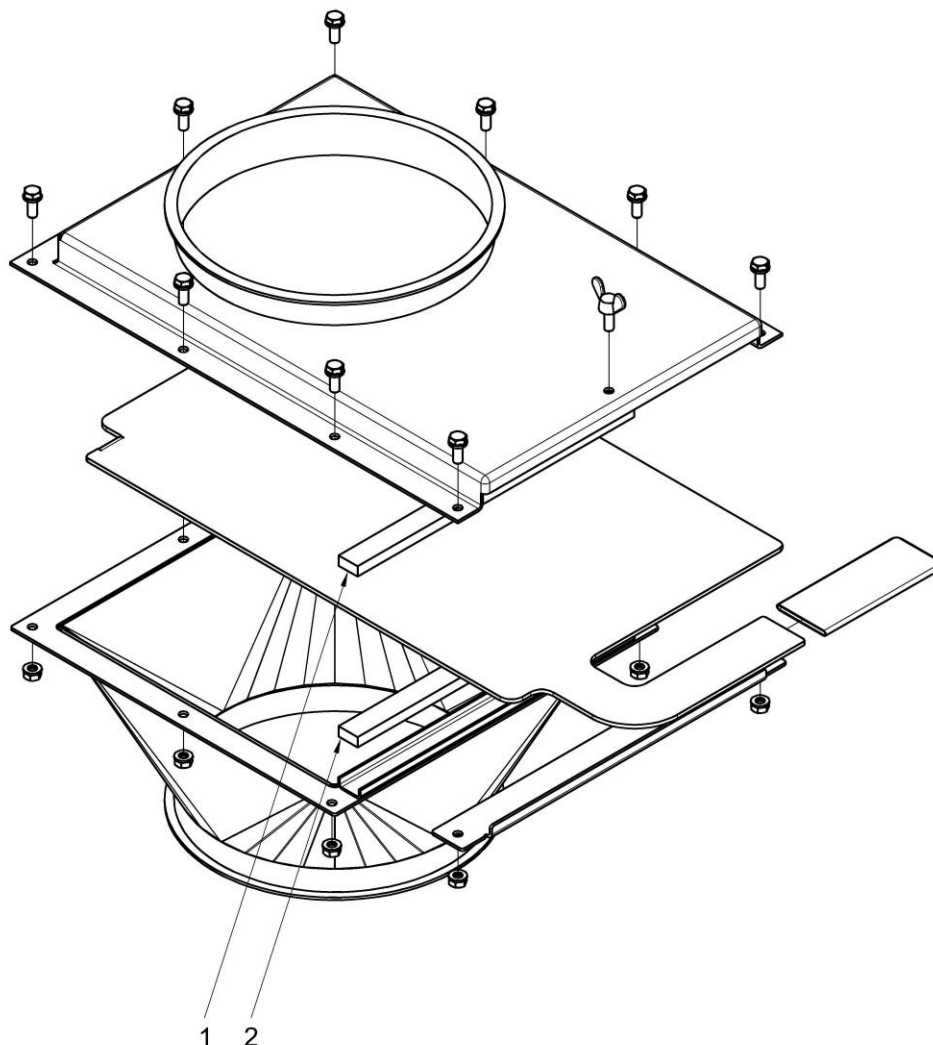
Y= Sealing strip made of felt/ silicone

DN	t [mm]	Øi [mm]	Øa [mm]	ØBK [mm]	A [mm]	B [mm]	C [mm]	E [mm]	L [mm]	m [kg]
80	1,5	77,5	80,5	92,5	290	205	140	97	150	1,9
100	2	99	103	115	310	225	160	60	104	2,4
120	2	119	123	133	330	245	180	70	138	3
150	2	149	153	165	395	292	220	85	152	4,3
175	2	174	178	190	440	320	245	145	212	5,7
200	2	199	203	215	510	410	290	135	182	7,4
250	2	249	253	265	535	435	340	150	217	9,4
300	2	299	303	315	610	515	390	210	277	9,6

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.

3 Spare parts list

Exploded view



No.	Naming	Quantity	DN 80 – DN 300	
			1.0330	1.4301
1	Sealing strips <i>(made of felt / silicone)</i>	1	SO0111059	SO0131436
2	Sealing strips <i>(made of felt / silicone)</i>	1	SO0111060	SO0131435