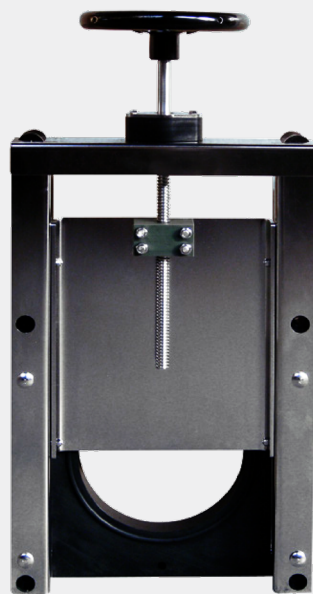


WaGate[®] SLUICE GATE - SPK TG DN 200-800

WaGate[®] sluice gates are designed for sewer and stormwater, industrial facilities, process water and for the fishing and agricultural industry. SPK-TG seals from both sides.



TECHNICAL GUIDE: **01.20**

Applications

Stormwater discharge
Waste and surface water
Pump station overflows
Wetlands

Product Attributes

Provides flood and odour protection
Very low head loss
Quick installation into new and existing drains or chambers
Low maintenance and low operation costs
Protects the environment by controlling water flows and preventing the spread of pollutants

Quality/Environment/Health & Safety

ISO 9001:2015, ISO 14001:2015 and
ISO 45001:2018

WaGate® sluice gates are designed for sewer and stormwater, industrial facilities, process water and for the fishing and agricultural industry. SPK-TG seales from both sides.

Advantages

- No welding of the frame and damper plate, which reduces the risk of corrosion, therefore longer operational life
- Built-in wedge system in the frame, ensuring 100% advancement of the damper plate against the gasket with sealing from two sides
- Built-in wedge system in the frame, ensuring 100% advancement of the damper plate against the gasket with sealing from two sides
- Non-rising spindle
- O-ring seal mounted in PEHD for possible replacement
- Square or circular opening with the possibility for a tight connection of pipe to the damper

OPERATION

- Hand wheel
- Can be used with electric, pneumatic, or hydraulic actuators

SPECIAL DESIGN

- Corrosion-resistant construction with protected bearings
- WaGate® spindle and nut above surface level (pedestal-mounted)

TABLE 1 Material	
Frame	EN 1.4404 (EN 1.4462)
Damper plate	EN 1.4404 (EN 1.4462)
Back plate	PEHD
Spindle	EN 1.4571 (EN 1.4462)
Spindle nut	Tin bronze (Cu2Sn12)
Seal against the damper plate	EPDM
Seal against the wall	EPDM sponge rubber

TABLE 2 Technical Data	
Sealing according to	DIN EN 12266.1

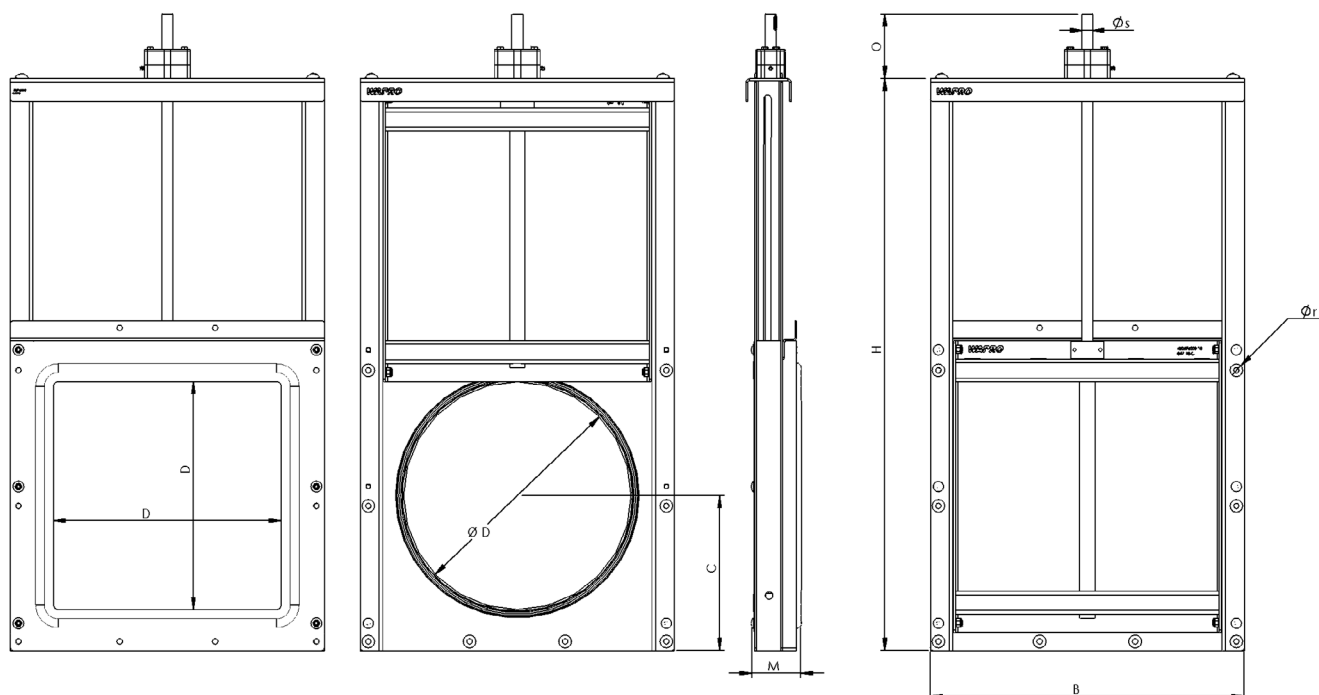


TABLE 3 Dimensions (mm)

DN	D	B	C	H	M	$\varnothing R$	O	$\varnothing R$	NM	TURNS TO OPEN	Weight (kg)	MVS
200	200	352	160	573	93	7x $\varnothing 12$	126	18	4	50	21	6
250	250	402	185	673	87	7x $\varnothing 12$	146	18	6	63	22	6
300	315	481	240	848	92	8x $\varnothing 12$	142	18	7	75	30	6
400	400	588	280	1016	110	8x $\varnothing 12$	143	18	9	100	40	6
500	500	690	340	1255	111	10x $\varnothing 12$	142	22	12	100	60	6
600	630	820	410	1516	132	13x $\varnothing 12$	135	22	19	120	85	5
700	710	910	450	1676	136	13x $\varnothing 12$	193	25	24	140	105	3
800	800	1000	495	1857	136	13x $\varnothing 12$	203	25	30	160	125	3

Other dimensions on request. Reserves the right to changes



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information

Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hygrade Water Infrastructure product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hygrade Water Infrastructure unless expressly stated in any sale and purchase agreement entered into between Hygrade Water Infrastructure and the user.

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