

# S-1155 Resilient seat gate valve DN 400

With indicator

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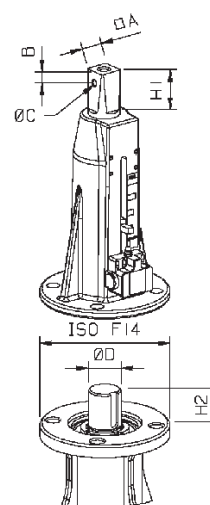
## Application and features

- Application: Water and sewage
- Rounded shape to ensure smooth surface treatment
- ISO-flange for motorized or manual operation
- Repackable under pressure
- Manual bonnet air relief valve
- Replacable wedge guiding rails in non-corroding material (6 pieces) to prevent damage to rubber and surface treatment
- Service outlets (optional)
- Lifting lugs for easy handling and installation
- Easy to assemble microswitch for remote control
- Design pressure 48 bar
- VDS approved for PN 10



## Technical description

- Pressure class: PN 10, clockwise closing, standard drilling PN 10 (EN1092-2)
- Standards: DIN 3352-1/4, DIN 3840, EN 1074
- Max. working temperature: 50°C.
- Test pressure: Open valve, 24 bar. Closed valve, 21 bar.
- Bonnet connection: Socket head bolts, recessed and covered with wax
- Stem: Non-rising. With tapered stem end According to DIN 87304 (see table)
- Vacuum: -0,8 bar
- Face-to-face length: EN 558/ ISO 5752, series 14
- Surface treatment: Epoxy minimum 250 µm  
Colour: Blue, RAL 5017



### Dimensions stem top:

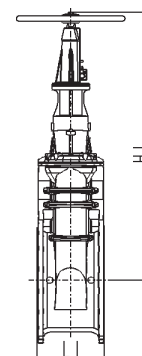
DN 400

A	32
B	16
C	8
D	44
H1	55
H2	51

## References, dimensions, performances

Series	DN mm	H1 mm	L1 mm	Wht. kg	Kv m <sup>3</sup> /h	Z	Esco no.
S-1155	400	1220	310	297	16359	0,15	11550400

Other variants can be supplied to special order.



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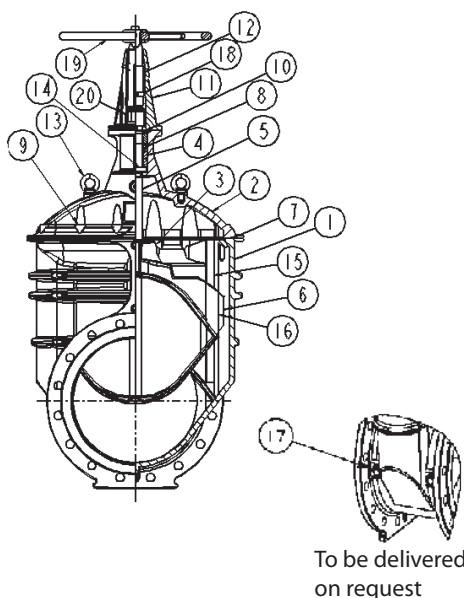
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## Material specification



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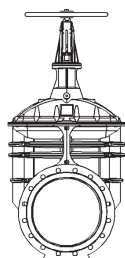
Pos	Detail	Materials
1	Body	Ductile iron EN 1563 EN-GJS-500-7
2	Bonnet	Ductile iron EN 1563 EN-GJS-500-7
3	Stem nut	Brass CR
4	Stem bushing	Brass CR
5	Stem	Stainless steel EN10088-3 1.4021
6	Wedge	Ductile iron EN1563 EN-GJS-500-7 with rubber (NBR)
7	Gasket	Rubber (NBR)
8	O-ring	Rubber (NBR)
9	Socket head bolt	Steel 8.8
10	Dirt seal	Rubber (NBR)
11	Adapter	PUR
12	Stem top	Stainless steel EN10088-3 1.4021
13	Lifting lug	Steel 8.8
14	Sleeve bearing	Composite
15	Guiding rails	36G-GZ/GC
16	Guiding chips	Peek
17	1" Service outlet	Brass
18	Indicator	Brass
19	Handwheel	EN1561 EN-GJL-500-7
20	Microswitch	

## Characteristics

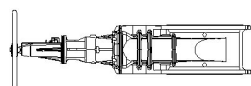
### Operation torque:

DN	Number of turns	Bore dia.	Max. torque
400	59	406,4	700 Nm

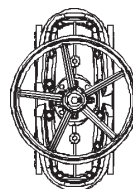
## Installation



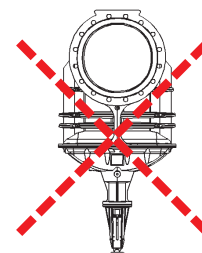
Recommended



Possible



Possible



Not recommended

## Accessories and other variants

### Other variants:

Adapter with square stem top  
S-1160 With electrical actuator  
S-1161 Prepared for actuator