RESILIENT SEATED GATE VALVE
FAF6600

6600

PRODUCTION STANDARTS

DN25 ➔DN50
PN 16

Design	EN 1171 / EN 1074
Connection	EN ISO 228-1 Threaded
Face to Face	EN 558
Marking	EN 19
Tests	EN 12266-1
Pressure Class	PN 16
Corrosion Protection	Fusion Bonded Epoxy

Features

- Threaded gate valve with full bore.
- Stainless steel spindle with rolled thread and bearing.
- Total sufrace rubbered wedge with replaceable spindle nut.
- The body and bonnet are manufactured from ductile iron castings. It is resistant to high tensile stress occurring in pipelines.
- Low operating torque due to plastic sliding guides on the wedge.
- Maintenance-free and corrosion-resistant stem sealing.
- 100% tight sealing is achieved through EPDM covered wedge fully contacting the fusion bonded epoxy coated flow surface.
- Wedge and body guide rails ensure stable operation.
- Stainless steel stem with rolled threads for high strength & low operation torque.
- Full bore characteristics without distruption of flow results in low pressure drops across the valve.

Temperature

- +130 °C (EPDM)

Product Description

FAF6600 Threaded Service Valve with internal thread for water applications. Bolted cover connection; made of premium materials and with special coating designed as both clockwise and anti-clock-wise directions.

Versions

- Standard version without handwheel
- With handwheel
- With gearbox
- With top flange
- Prepared for electrical actuator
- With electrical actuator

Accessories

- T-key, FAF7250T
- Telescopic extension spindle ST37 steel, FAF7250
- Rigid extension spindle
- Surface box cast iron, FAF7250K
- Handwheels

Scope of Application

- Hot & cold water
- Water Treatment Plants
- Pumping stations
- Tanks
- Seawater applications
- Power plants (cooling water pipelines)
- Industry

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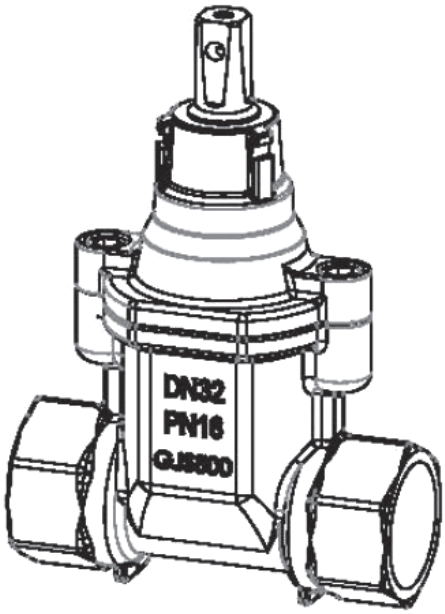

MATERIAL SELECTION	
Body	EN-GJS-500 DUCTILE IRON / GGG50
Bonnet	EN-GJS-500 DUCTILE IRON / GGG50
Stem	1.4021 - AISI 420 Stainless Steel 1.4301 - AISI 304 Stainless Steel (Optional) 1.4401 - AISI 316 Stainless Steel (Optional)
Sealing	EPDM APPROVED FOR DRINKING WATER
Coating	ELECTROSTATIC POWDER EPOXY APPROVED FOR DRINKING WATER

VALVE TEST PRESSURE (Bar)		
MAX. OPERATING PRESSURE	BODY / SHELL TEST	SEAT TEST
16	24	17,6
100% of the valves are subjected to hydrostatic tests at FAF facilities.		

Note

- For proper use and safety precautions please follow the installation and operting instructions.

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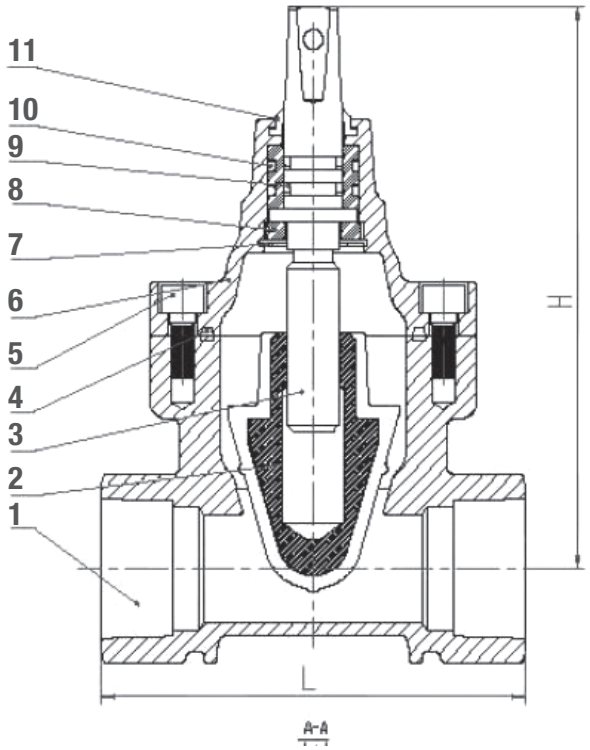
Material List



NO	ITEM	MATERIALS
1	BODY	DUCTILE IRON
2	DISC	EPDM
3	STEM	STAINLESS STEEL
4	GASKET	EPDM
5	BOLT	STAINLESS STEEL
6	BONNET	DUCTILE IRON
7	SPRING	CARBON STEEL
8	BUSHING	NYLON101
9	O-RING	EPDM
10	O-RING	EPDM
11	DUST GUIDE	EPDM

Technical Details & Drawing, Dimensions

SIZE	DN20	DN25	DN32	DN40	DN50
L	115	115	130	150	178
H	158	158	168	180	207