



S - T - R

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STR FIRE FIGHTING VALVE

NON-RISING STEM RESILIENT SOFT SEATED GATE VALVE



DESCRIPTION OF PRODUCT

Resilient seated gate valve is a valve product with more stable sealing performance, high-temperature resistance, corrosion resistance, and wider adaptability. The sealing structure of the resilient seated gate valve uses friction between metal materials to achieve the sealing effect. The excellent wear resistance and corrosion resistance of this sealing method can adapt to a variety of complex media occasions, and can also handle applications with high tightness requirements

THE WORKING PRINCEPLE

A resilient seated gate valve has a plain valve bottom allowing free passage for sand and pebbles in the valve. If impurities pass as the valve closes, the rubber surface will close around the impurities while the valve is closed.

SPECIFICATION

Body : Ductile iron

Seat : Ductile iron

Stem : stainless steel

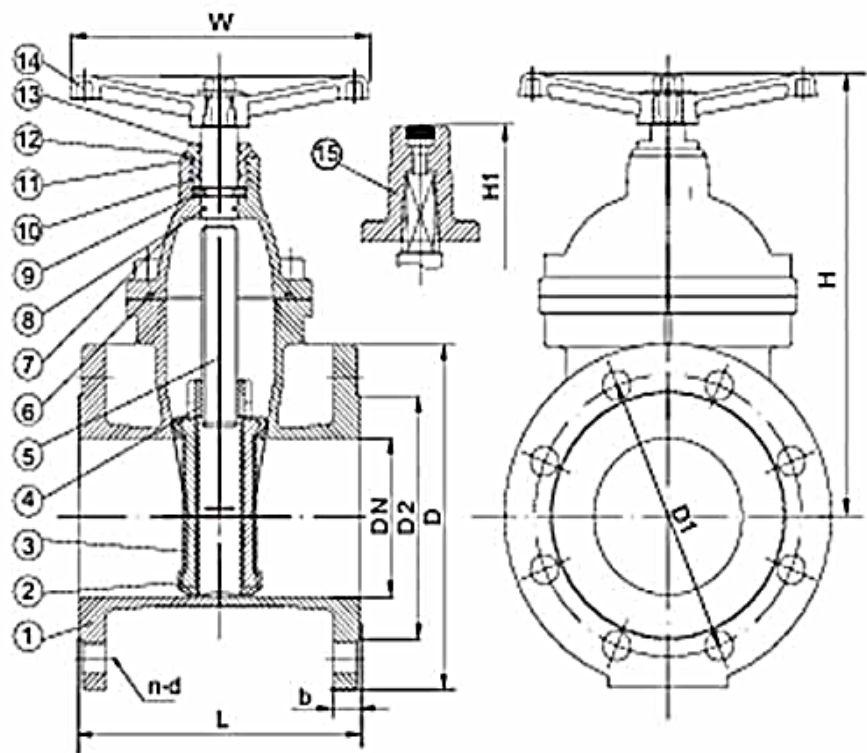
Nominal diameter : PN10/16

Temperature : -10 ~ 80°C

Suitable medium : Water, oil , steam and non-corrosive medium

Application : Municipal construction, water conservancy projects, electric power, water supply, drainage, water treatment

THE DETAILED DRAWING



DIMENSION (mm)

Size	L	D	b	EN1092-2 PN10			EN1092-2 PN16			H	H1	W	W.T(kg)
				D1	D2	n-d	D1	D2	n-d				
DN50	150	165	19	125	99	4-19	125	99	4-19	195	240	160	11
DN80	180	200	19	160	132	8-19	160	132	8-19	255	295	200	17
DN100	190	220	19	180	156	8-19	180	156	8-19	285	325	200	21
DN150	210	285	19	240	211	8-23	240	211	8-23	385	420	250	38
DN200	230	340	20	295	266	12-23	295	266	12-23	465	500	280	58
DN250	250	400	22	350	319	12-23	355	319	12-28	565	590	320	90
DN300	270	455	24.5	400	370	12-23	410	370	12-28	645	670	350	120

NUMNERS AND PARTNAMES

Part names	No.	Material
Body	1	Ductile Iron GGG50
Wedge	2	Ductile Iron GGG50
Wedge Coating	3	NBR/EPDM EN681-1
Wedge nut	4	Coper Alloy
Stem	5	Stanless Steel X20 Cr13
Bonnet Gasket	6	NBR/EPDM EN681-1
Bonnet	7	Ductile Iron GGG50
O-ring Back Seaaling	8	EPDM/NBR
Stem collar	9	Stanless Steel/Brass
O-ring	10	EPDM/NBR
O-ring	11	EPDM/NBR
Stuffing Nut	12	Coper Alloy
Dust Guard	13	EPDM/NBR
Hand Wheel	14	Ductile Iron GGG50
Stem Cap	15	Ductile Iron GGG50

