



S - T - R

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## STR FIRE FIGHTING VALVE

### NON-RISING STEM METAL SEATED GATE VALVE



## DESCRIPTION OF PRODUCT

This valve is mainly used to control the flow of fluid in the pipeline to achieve fluid cutoff and regulation. Its working principle is based on a tight seal between the gate and the seat. Gate valve structure is simple and reliable, widely used in petroleum, chemical, water treatment, energy and other fields. When used, the gate valve can only be in a fully open or fully closed state, and can not be used for regulation and throttling.

## THE WORKING PRINCEPLE

Simple structure and easy maintenance. Gate valves maintenance is relatively simple and easy to repair and replace. Good sealing and stable flow control. It has good sealing performance and can effectively control the flow of fluid. Gate valves have strong applicability in various working conditions, not only can be used for conventional fluid control, but also can be used for high temperature, high pressure, corrosive media and other special working conditions. The sealing surface of gate valve is usually made of hard alloy and other wear-resistant materials, which can effectively extend the service life and reduce the number of maintenance.

## TECHNICAL SPECIFICATION :

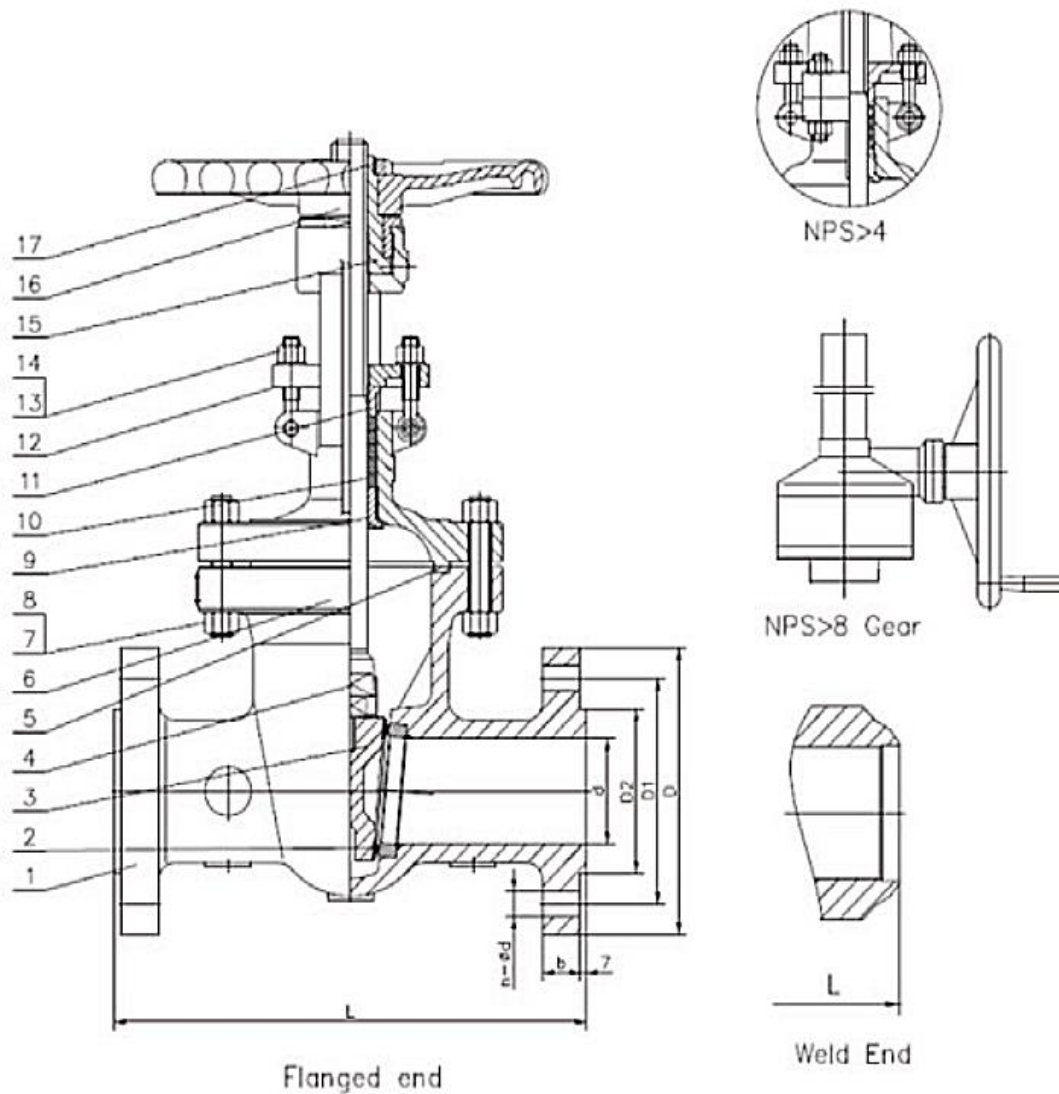
Valve design according to EN 1171, DIN3352, EN1074-1 and 2

Face to face dimensions according to EN 558-1 SERIES 14/15 DIN3202 F4/F5

Standard flange drilling EN 1092-2, ISO 7005-2

Hydraulic test according to EN 12266, ISO5208

## THE DETAILED DRAWING



## DIMENSION

DN		d	D	D1	D2	b	n-φd	L
INCHES	MM							
2	50	51	165	127	92	26	8-19	292
3	80	76	210	168	127	32	8-22	356
4	100	102	273	216	157	38	8-25	432
6	150	152	356	292	216	48	12-29	559
8	200	200	419	349	270	56	12-32	660
10	250	248	508	432	324	64	16-35	787
12	300	298	559	489	381	67	20-35	838

Note : UOM : MM , Dimensions ( d,D,D1,D2,b,n-φd,L)can be the allowable tolerance

NUMNERS AND PARTNAMES

Part names	No.	Material
Body	1	ASTM A216 WCB
Seat ring	2	ASTM A105+13Cr
Wedge	3	ASTM A216 WCB+13Cr
Stem	4	ASTM A182 F6a
gasket	5	S. S + GRAPHITE
Bonnet	6	ASTM A216 WCB
Bonnet bold	7	ASTM A193 B7
Bonnet nut	8	ASTM A194 2H
Backseat	9	ASTM A276 420
Packing	10	GRAPHITE
Gland	11	ASTM A276 420
Gland flange	12	ASTM A216 WCB
Eyebolt	13	ASTM A193 B7
Gland nut	14	ASTM A194 2H
Stem nut	15	COPPER ALLOY
Hand wheel	16	DUCTION IRON
Look nut	17	ANSI1020

