



S - T - R

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## STR FIRE FIGHTING VALVE



### SWING CHECK VALVE



## DESCRIPTION OF PRODUCT

A swing check valve is mounted with a disc that swings on a hinge or shaft. The disc swings off the seat to allow forward flow and when the flow is stopped, the disc swings back onto the seat to block reverse flow. The weight of the disc and the return flow has an impact on the shut-off characteristics of the valve

## KEY FEATURE

An inline swing check valve has a disc that can swing on a hinge. When closed, the disc rests on the valve seal, which is on the inlet side of the valve. When the pressure of the media flowing into the valve is higher than the valve's cracking pressure, the disc raises, the valve opens, and media is allowed to flow through the valve. When the inlet pressure drops, the valve swings shut to block any downstream backflow that may occur.

## TECHNICAL SPECIFICATION:

Body : Ductile iron

Bonnet : Ductile iron

Size : DN50-800

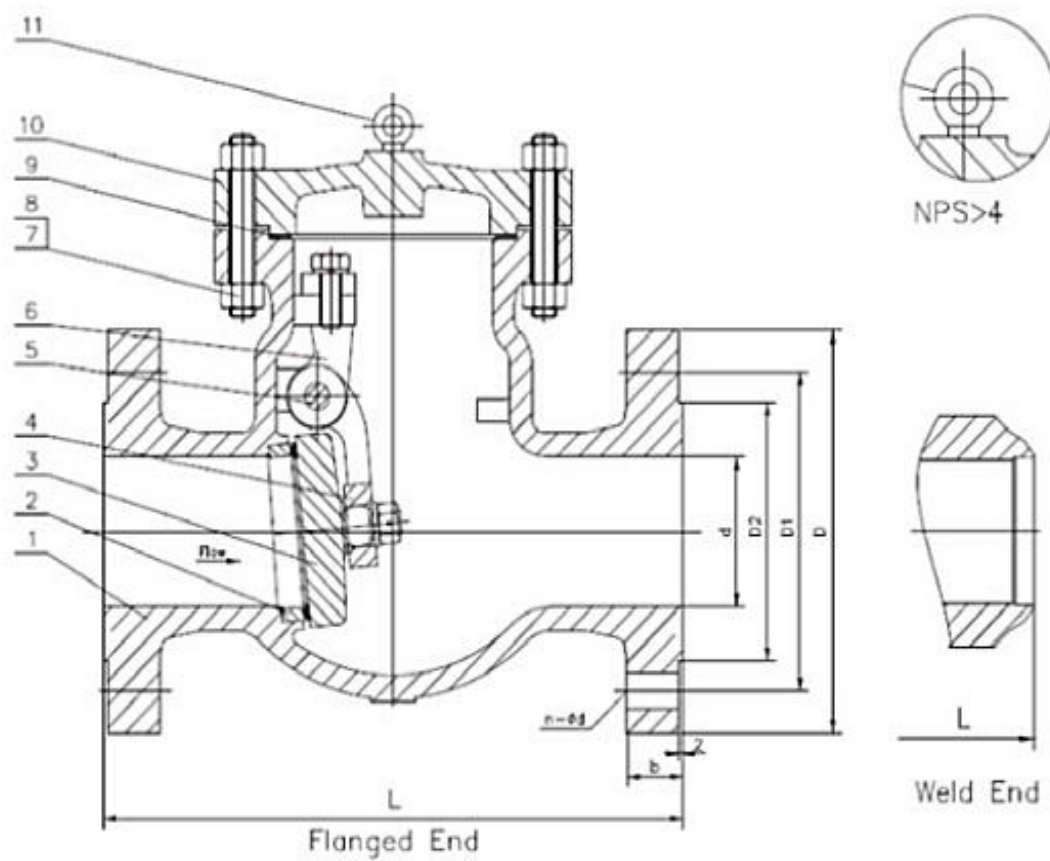
Pressure : PN10/16

Applicable temperature : 0-80°C

Applicable media : Water , oil etc

Application field : Water treatment, petrochemical, food and medicine, electric energy, metallurgy, etc

## THE DETAIL DRAWING



## DIMENSION

DN		d	D	D1	D2	b	n-φd	L
INCHES	MM							
2	50	51	152	120.5	92	16	4-19	203
3	80	76	190	152.5	127	19	4-19	241
4	100	102	229	190.5	157	24	8-19	292
6	150	152	279	241.5	216	26	8-22	356
8	200	203	343	298.5	270	29	8-22	495
10	250	254	406	362	324	31	12-25	622

NUMNERS AND PARTNAMES

Part names	No.	MATERIAL
BODY	1	LF2
SEAT	2	LF2+SS
DISC	3	LFS+STL
HINGE	4	ASTM A216 WCB
PIN	5	ASTM A276 420
YOKE	6	ASTM A216 WCB
BONNET NUT	7	ASTM A194 2H
BONNET BOLT	8	ASTM A193 B7
GASKET	9	S. S+GRAPHITE
BONNET	10	LF2
EYEBOLT	11	C. S

