



Boiler Bottom Blowdown Ball Valves

Boiler blowdown valves have ball / cavity venting fitted with either pneumatic or electric actuators for automatic venting of the boiler.



Manually Lever Operated

With 'Interlock' removable lever for guaranteed security. To suit all major boiler manufacturers.

Versions Available

- Threaded BSPP / BSPT / NPT
- Flanged BS4504 / PN16 - 40 / PN100 ANSI 150 / 300 / 600

Materials: carbon & stainless steel

All valves fitted with high temperature seats and automatic cavity vent drain.

Pneumatically Actuated

Comes complete with:

- Pneumatic spring return actuator
- Switch box
- 220v AC namur mount solenoid valve
- Heat dissipation mounting kit

Blowdown Valve Manual Interlock Key Assemblies

Article No. PN40	Lever operated	Price
442824	DN25 - 1"	£556.80
442825	DN32 - 1 1/4"	£646.80
442826	DN40 - 1 1/2"	£759.60
442827	DN50 - 2"	£781.10

Actuated Blowdown Valve Assemblies

Article No. PN40	Pneumatic actuated	Price
442829	DN25 - 1"	£854.00
442830	DN32 - 1 1/4"	£996.20
442831	DN40 - 1 1/2"	£1,148.60
442832	DN50 - 2"	£1,294.60

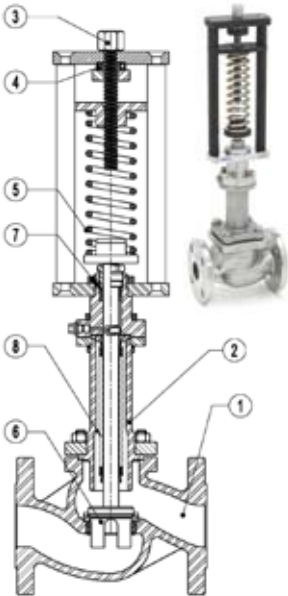


Overflow Valve - OVF-40

By-pass valve

Description

The OVF-40 overflow (by-pass) valves are single seated, two-way body constructed with in-line straight connections. The valve plug opens against outside regulating spring when the pre-selected differential pressure on the valve rises.



Materials

	OVF40S	OVF40I
1 Valve Body	ASTM A216WCB/1.0619	CF8M / 1.4408
2 Bonnet	CF8 / 1.4308	CF8 / 1.4308
3 Adjusting nut	Steel 5	Steel 5
4 Bearing	Steel	Steel
5 *Spring	AISI 301/1.4310	AISI 301/1.4310
6 Trim	Stainless steel	Stainless steel
7 *Standard packing	Graphite	Graphite
8 *Metal bellows	AISI316Ti/1.4571	AISI316Ti /1.4571

* Available spare parts

Article no. PN40	Size	Price
411526	1/2"	£1,667.20
411527	3/4"	£1,689.20
411528	1"	£1,846.90
411529	1 1/4"	£2,062.60
411530	1 1/2"	£2,130.30
411531	2"	£2,240.00
411532	2 1/2"	£3,200.00
411533	3"	£3,470.60

Valve Body Limiting Conditions

Valve body limiting conditions OVF-40S - PN40 *		Valve body limiting conditions OVF40I - PN40 *	
Allowable Pressures	Related Temperature	Allowable Pressures	Related Temperature
40 bar	10 /50°C	40 bar	10 /50°C
33.3 bar	200°C	33.7 bar	200°C
27.6 bar	300°C	29.7 bar	300°C
25.7 bar	350°C	28.5 bar	350°C
23.8 bar	400°C	27.4 bar	400°C

* Rating according to EN1092.1:2007

Flow Rate Coefficients

	DN25	DN32	DN40	DN50	DN65	DN80	DN100
Kvs	9.4	15.4	22.2	40.1	63.4	89.7	136.7

Kvs in m3/h , see data sheet IS PV10.00 E ;
For conversion Kvs = Cv(US) x 0,855

Valve Stroke in mm

	DN25	DN32	DN40	DN50	DN65	DN80	DN100
Stroke	20	20	20	20	30	30	30