



**UPC-BDV-463**  
**UPC-BDV-483**

# PARALLEL SLIDE BLOW OFF VALVE

## Design Features:

- Rack and Pinion Operated with Key.
- Renewable Seat.
- Renewable Disc.
- Efficient removal of solid impurities and sediments from boiler systems

## Operation Modes:

- Manual hand lever with locking mechanism
- Optional automatic blowdown via control valve and TOS sensor

## Size Range:

- 25mm | 40mm | 50mm

## Pressure Rating:

- PN40 & Class 300#

## End Connection:

- Flanged ends as per BS 10 Table 'J' standards/ CL-300#

## Material & Design:

- Built for high durability and performance under extreme pressure and temperature conditions

## Benefits:

- Improves boiler efficiency
- Reduces corrosion risks
- Minimizes chances of system failure
- Ensures clean and safe boiler operation

## Application:

- Trusted across diverse industrial sectors for steam system maintenance
- Water Supply & Solvent Industries
- Oil Industries
- Process Industries

☒ Water ☒ Steam ☒ Oil ☒ Air



Test Certificate in Form III\_C as per IBR is Furnished with every supply

**UPC INSTRUMENTS PVT.LTD.**

AN ISO 9001:2015, 14001-2015 CE & TÜV SÜD CERTIFIED COMPANY



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# PARALLEL SLIDE BLOW OFF VALVE TABLE 'J'



## PART LIST

S NO	PART NAME	MATERIAL	SPECIFICATION
1.	Body	C.C.S.	ASTM A216 Gr. WCB
2.	Seat Ring	Stainless Steel	AISI - 316
3.	Valve Disc	Stainless Steel	AISI - 304
4.	Spring	Stainless Steel	AISI-304
5.	Rack	Carbon steel	ASTM A216 Gr. WCB
6.	Gasket	Graphite + SS	GRAPHITE + SS
7.	Bonnet Bolt	Carbon steel	ASTM A216 Gr. WCB
8.	Bonnet	Carbon steel	ASTM A216 Gr. WCB
9.	Pinion	S.S.	AISI - 304
10.	Bush	GUN METAL	GUN METAL
11.	Rack Plug	Carbon Steel	ASTM A216 Gr. WCB
12.	Handle	Carbon Steel	ASTM A216 Gr. WCB
13.	Stuffing Box	Carbon steel	ASTM A216 Gr. WCB
14.	Stuffing Box Bolt	Carbon steel	ASTM A216 Gr. WCB
15.	Gland Packing	Graphite	GRAPHITE
16.	Washer	Stainless Steel	AISI - 304
17.	Pinion Plug	Carbon steel	ASTM A216 Gr. WCB

## TEST PRESSURE:

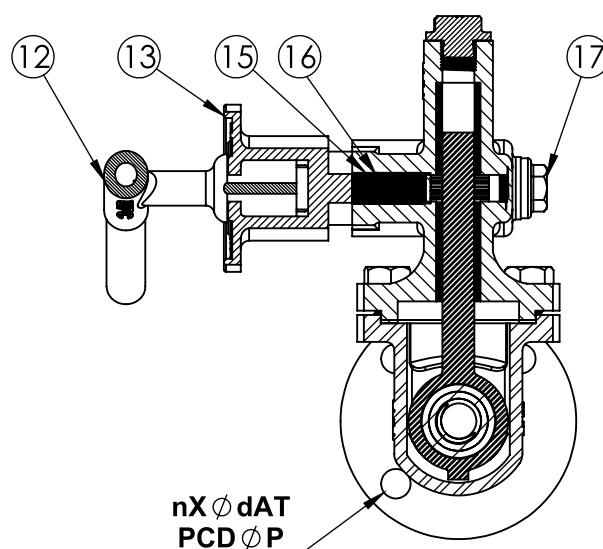
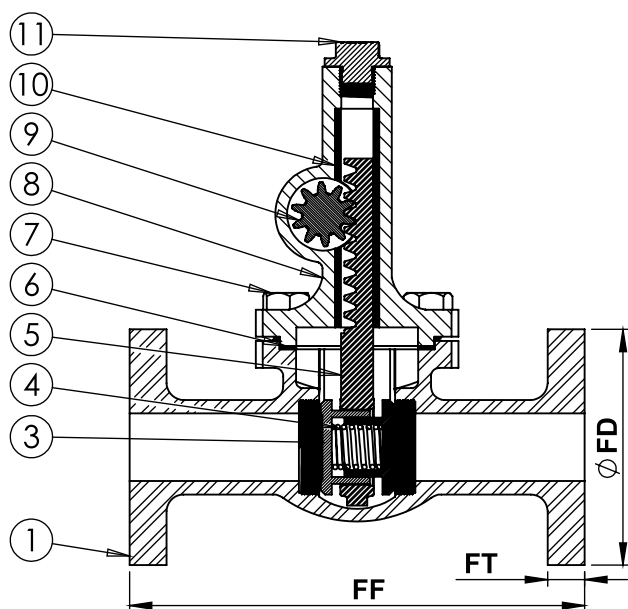
TYPE OF TEST	Maximum Pressure at 400°C PRESSURE (KG/CM2)
Body	49.20 Kg/cm <sup>2</sup>
Seat	24.60 Kg/cm <sup>2</sup>
Max Working Pressure	24.60 Kg/cm <sup>2</sup>

## DIMENSIONS:

NOMINAL SIZE: TABLE 'J'						Model - UPC-BDV-463	
Inches	Size in mm	FF ±2	ØFD	ØP	n	Ød	FT
1"	25	184	120.7	87.3	4	19	19
1½"	40	272	139.70	105.5	4	18	22
2"	50	290	165.1	127	4	22.3	25.40

NOMINAL SIZE: CLASS 300#						Model - UPC-BDV-483	
Inches	Size in mm	FF ±2	ØFD	ØP	n	Ød	FT
1"	25	178	125	88.9	4	19.1	16
1½"	40	270	155.5	115	4	22.4	20.5
2"	50	284	165.1	127	4	19.1	22.4

\*All dimensions are in mm unless and otherwise specified.



## WARRANTY

All the valves are warranted against any manufacturing defect for a period of 12 months from date of supply, provided the valves has not been misused, damaged, installed for services it is not recommended or the seal has been tempered with. The company shall be liable to furnish part/ parts thereof or full Valve as the company may deem fit.



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