



SR NO	PART NO	MATERIAL	QTY
1	BODY	ASTM A182 Gr.SS 316L	1
2	END CONNECTOR	ASTM A182 Gr.SS 316L	1
3	CONNECTOR O-RING	VITON (AED TYPE)	1
4	PRIMARY SEAL	PTFE	1
5	SECONDARY SEAL	GRAPHITE	1
6	BALL	ASTM A479 Gr.SS 316L	1
7	BALL SEAT	PEEK	2
8	STEM	ASTM A479 Gr.SS 316L	1
9	THRUST SEAL	CFT	1
10	STEM O-Ring	VITON AED	1
11	GLAND PACKING	PTFE	1
12	GLAND WASHER	ASTM A479 Gr.SS316L	1
13	BELLEVILLE WASHER	SS 304	2
14	HANDLE NUT	SS 304	1
15	ALLEN BOLT (STEM)	SS 304	1
16	HANDLE	SS 304	1
17	HANDLE SLEEVE	PVC	1
18	DOWEL PIN	SS 304	1
19	DRAIN PLUG	ASTM A182 Gr.SS 316L	1
20	DOWEL PIN	SS 304	1
21	TIP	ASTM A479 Gr.SS316L	1
22	BONNET PACKING	ASTM A479 Gr.SS316L	1
23	O-Ring	VITON (AED TYPE)	1
24	BACKUP RING	PTFE	1
25	SPACER-2	ASTM A479 Gr.SS316	1
26	GLAND PACKING-1	GFT	1
27	GLAND PACKING-2	GFT	1
28	BONNET PUSHER	ASTM A479 Gr.SS316L	1
29	HANDLE	SS 304	1
30	GRUB SCREW	SS 304	2
31	SPINDLE	ASTM A479 Gr.SS316L	1
32	DRAIN CAP	PVC	1
33	CHECK NUT	ASTM A479 Gr.SS316L	1
34	BONNET	ASTM A479 Gr.SS316L	1
35	DOWEL PIN	SS 304	1

Data Sheet:

- Construction Type: Single Piece
- Bore Diameter: 10 mm
- Process Connection: 1/2" NPT-F
- Instrument Connection: M20x1.5P-F
- Drain Connection: 1/4" NPT-F
- Drain Bonnet: Screwed Type
- Valve Design: EEMUA 182 / ISO17292 / API 608
- Valve shall be suitable for NACE MR0175
- All valve are tested as per API 598
- Marking as per MSS SP 25
- Anti blowout stem design, anti-static & auto body cavity pressure relief design.

TEST	HYDRO (psig)		PNEU. (psig)
W.P(psig)	SHELL	SEAT	
6000	9000	6600	90

havi
Fittings & Valves
info@havi.in www.havi.in
A-201, PRIME TRADE CENTER
SATIVALI ROAD, VASAI (E),
PALGHAR - 401208, MAHARASHTRA, INDIA

PART NAME : INSTRUMENT SINGLE BLOCK AND BLEED VALVE
10MM BORE, 1/2"NPT-F X M20F X 1.5P X 1/4"NPT-F DRAIN

DWG NO : - INSBB-10B-8F-M20F-4ND-BN-S6-N

MATERIAL : - AS PER BOM

CUSTOMER NAME : -

PROJECT NAME & NO : -

ENQ NO: EN2324/00191

SO NO: -

	SIGN	DATE
DRAWN BY	MBC	19.05.2023
CHECKED BY	VM	19.05.2023
APPROVED BY	SRD	19.05.2023

REV NO DESCRIPTION SIGN DATE

* All dimensions are in mm. Dimensions for reference only and are subject to change without notice
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SHEET NO: 01 OF 01

REV NO: 00

SCALE: NTS