



SR NO	DESCRIPTION	MATERIAL	QTY
1	BODY	ASTM A479 Gr.SS316	1
2	TIP	ASTM A479 Gr.SS316	1
3	BONNET WASHER	ASTM A479 Gr.SS316	1
4	BONNET	ASTM A479 Gr.SS316	1
5	PACKING	GRAPHITE	1 SET
6	SS PACKING	ASTM A479 Gr.SS316	1
7	SPINDLE	ASTM A479 Gr.SS316	1
8	LOCK NUT	ASTM A479 Gr.SS316	1
9	BONNET PUSHER	ASTM A479 Gr.SS316	1
10	DUST CAP	ALUMINIUM	1
11	HANDLE	SS304	1
12	GRUB SCREW	SS304	2

Data Sheet.

Process Conn.: 1" BW SCH 40
Instrument Conn.: 1" BW SCH 40

Orifice: 8mm

Screwed Bonnet Design

MWP.: 10000 psig @ 100 °F
Seat Test Press (Hydro): 15000 psig
Seat Test Press (Pneu): 11000 psig
Body Test Press (Hydro): 90 psig

PART NAME : 1" BUTT WELD SCH40 HIGH PRESSURE NEEDLE VALVE				CUSTOMER NAME:-	
DWG NO : NVHB-16BWS40-16BWS40-S6-G				PROJECT NAME:-	
MATERIAL : SS 316				END USER NAME:	
REV NO				ENQ.NO: EN2223/01417	
DESCRIPTION				SHEET NO: 01 OF 01	
SIGN				SO NO:	
DATE				* All dimensions are in mm. Dimensions for reference only and are subject to change without notice	
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				SCALE: NTS	

	SIGN	DATE
DRAWN BY	MBC	09.03.2023
CHECKED BY	MT	09.03.2023
APPROVED BY	SRD	09.03.2023

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PATH: E:\VALVETECHNEEDLE VALVE\MACHINING DRAWING\IN\HBNVHB-16BWS40-16BWS40