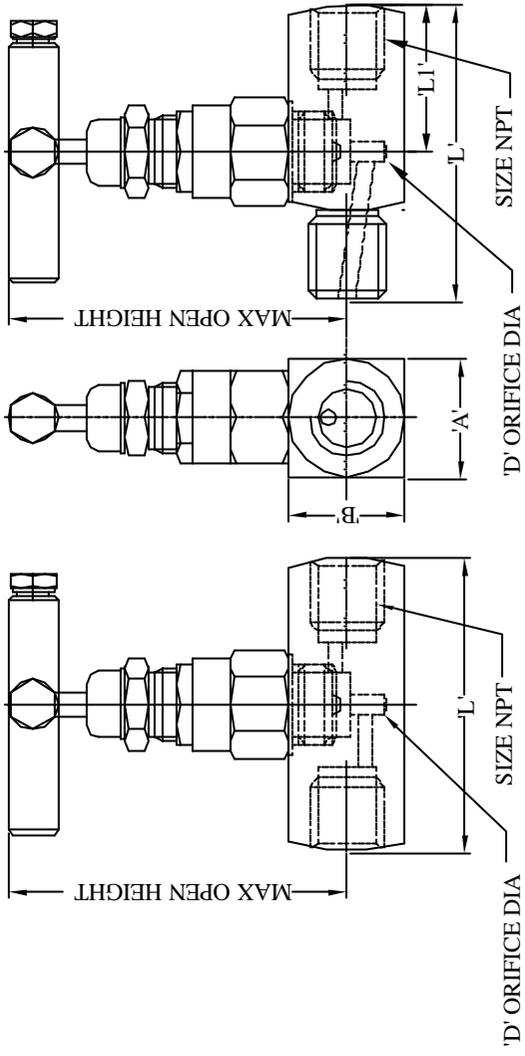


AURA

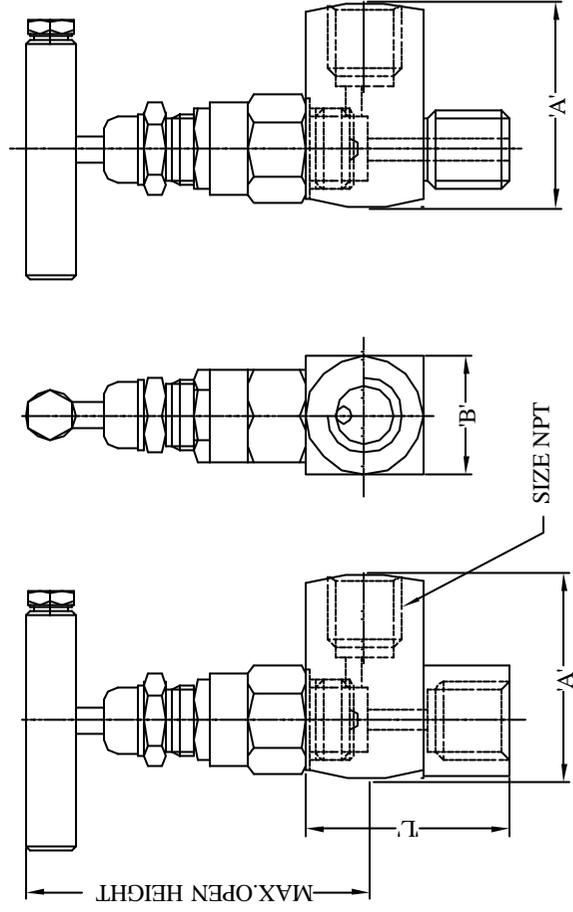
SOFT SEAT NEEDLE VALVE

SIZES	:	1/8" to 1"						
BODY	:	Forged single piece, CS, ASTM A 105 Plated, ASTM A182 F - 316 SS. Angled or Straight Pattern						
END CONNECTIONS	:	Screwed NPT						
STEM	:	Close tolerance surface finish, cold rolled threads, ASME SA-479 Type 316 SS						
NEEDLE TIP	:	Hardened & Ground, Self centering non -rotating.						
GLAND PACKING	:	Adjustable, below stem thread design (PBT), prevent process fluid contact with stem threads. PTFE for Temp below 400°F/Graphite for Temp above 400°F.						
SEAT	:	Delrin [®] Soft Seat						
HANDLE	:	'T' bar handle. CS, ASTM A108 plated or ASME- SA-479 Type 316 SS						
WASHER	:	ASME-SA-479 Type 316 SS						
PRESSURE/TEMPERATURE	:	<table><thead><tr><th><u>TEMPERATURE</u></th><th><u>PRESSURE</u></th></tr></thead><tbody><tr><td>200 °F</td><td>6,000 psi</td></tr><tr><td>500 °F</td><td>4,000 psi</td></tr></tbody></table>	<u>TEMPERATURE</u>	<u>PRESSURE</u>	200 °F	6,000 psi	500 °F	4,000 psi
<u>TEMPERATURE</u>	<u>PRESSURE</u>							
200 °F	6,000 psi							
500 °F	4,000 psi							
TEST PRESSURES	:	Body : Hydrostatic at 6,000 psi Seat & Gland : 1,000 psi with Nitrogen						
OPTIONS	:	<ul style="list-style-type: none">• Material of construction confirming to NACE MR-01-75• Other materials available on request• Compression Ends up to 1/2" Size• Screwed ends With BSP/ BSPT/ ISO/ Special Threads.						

REV.	REASON FOR ISSUE.	DATE	DRN.	CHKD.
0.00	REL FOR MANU.	08.17.99	D.K.D	G.G.A
1.00	ALFATECHNICA SRL.	11.15.01	D.K.D	G.G.A
2.00	WGI DRAWING.	02.20.02	D.K.D	G.G.A
3.00	DESIGN UPGRADE.	12.10.02	D.K.D	G.G.A
4.00	ADDED Cv INFORM.	10.03.03	D.K.D	G.G.A



STRAIGHT PATTERN



ANGLED PATTERN

PROJECT/CLIENT	Aura Inc. D11/3,OKHALA IND. AREA, PHASE II, NEW DELHI INDIA. www.aurainc.com
TITLE	SOFT SEAT NEEDLE VALVE
<i>This drawing is the property of Aura Inc. Unauthorized reproduction is prohibited.</i>	
DRG . NO:	AI-SSNV-001

PRESSURE RATING	6,000 PSI
TEMPERATURE RATING	200 F

PATTERN 'A' = ANGLED, 'G' = STRAIGHT

ALL DIMENSIONS ARE IN MM.

ALL DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE, TO BE USED FOR REFERENCE ONLY.

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PART NO.	SIZE.	PATTERN.	ENDS.	MATL..	A	B	C	L	L1	D	Cv
ANV5312	1/4"	G	EXF	316SS	28.5	28.5	86.0	60.0		4.2	0.60
ANV5314	1/2"	G	EXF	316SS	32.0	32.0	92.0	68.0		7.0	0.70
ANV5316	3/4"	G	EXF	316SS	40.0	40.0	93.0	68.0		9.0	2.35
ANV5318	1"	G	EXF	316SS	45.0	45.0	112.0	80.0		12.0	2.0
ANV5332	1/4"	G	MXF	316SS	28.5	28.5	86.0	76.0	30.0	4.2	0.80
ANV5334	1/2"	G	MXF	316SS	38.0	38.0	92.0	89.0	32.0	7.0	0.90
ANV5335	1/4"X1/2"	G	MXF	316SS	38.0	38.0	92.0	89.0	32.0	7.0	0.80
ANV5512	1/4"	G	EXF	CS	28.5	28.5	86.0	60.0		4.2	0.60
ANV5514	1/2"	G	EXF	CS	32.0	32.0	92.0	68.0		7.0	0.70
ANV5516	3/4"	G	EXF	CS	40.0	40.0	93.0	68.0		9.0	2.0
ANV5518	1"	G	EXF	CS	45.0	45.0	112.0	80.0		12.0	2.0
ANV5532	1/4"	G	MXF	CS	28.5	28.5	86.0	76.0	30.0	4.2	0.80
ANV5534	1/2"	G	MXF	CS	38.0	38.0	92.0	89.0	32.0	7.0	0.90
ANV5535	1/4"X1/2"	G	MXF	CS	38.0	38.0	92.0	89.0	32.0	7.0	0.80
ANV5572	1/4"	A	MXF	CS	42.0	28.0	86.0	42.0		4.2	0.70
ANV5574	1/2"	A	MXF	CS	50.0	32.0	92.0	50.0		7.0	0.70

PROJECT/CLIENT	TITLE
	SOFT SEAT
	NEEDLE VALVE

ALL DIMENSIONS ARE IN MM.	PRESSURE RATING	6,000PSI
	TEMPERATURE RATING	200°F
	PATTERN 'A' = ANGLED, 'G' = STRAIGHT	

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SHEET 2 OF 2

Aura Inc.
D11/3, OKHALA IND. AREA,
PHASE II, NEW DELHI
INDIA.
www.aurainc.com

DRG.NO: AI-SSNV-001

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