

WGI Hard Seat Needle Valves – Carbon Steel

Process / Hi flow series

Specifications

Sizes

1/8" through 1" NPT

Maximum Operating Pressure

10,000 psi

Body & Bonnet Material

A105 Carbon steel

Stem Material

316 Stainless steel

Stem Packing

PTFE Teflon®

Stem

Non rotating for sizes 3/8" and above

Temperature Limits

-40° to 500°F (-40°C to 260°C)

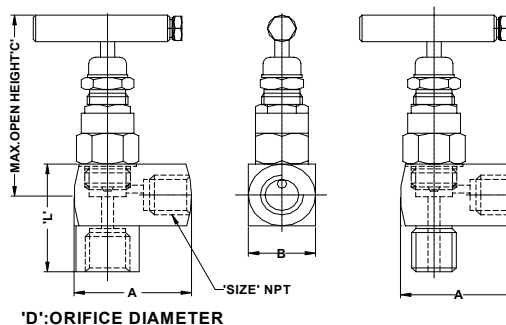
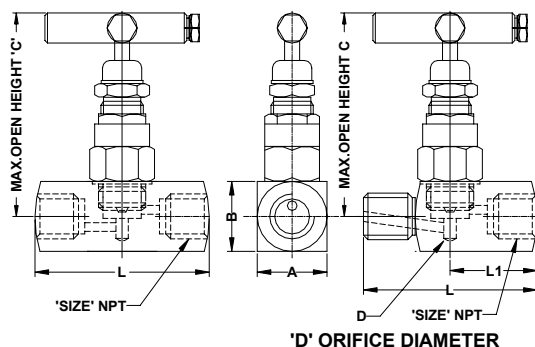
Canadian Registration Number (CRN)

CSA-OC5141.26



WN1514

Dimensions & Part Numbers



Part No.	Size	Pattern	Ends	Matl.	A	B	C	L	L1	D	Cv
WN1511	1/8"	G	FxF	C/S	28.5	28.5	83.0	60.0		4.2	0.40
WN1512	1/4"	G	FxF	C/S	28.5	28.5	83.0	60.0		4.2	0.40
WN1513	3/8"	G	FxF	C/S	32.0	32.0	88.0	68.0		6.4	0.90
WN1514	1/2"	G	FxF	C/S	38.0	38.0	88.0	89.0		7.0	1.10
WN1516	3/4"	G	FxF	C/S	40.0	40.0	92.0	89.0		9.0	2.30
WN1518	1"	G	FxF	C/S	45.0	45.0	105.0	89.0		12.0	3.50
WN1532	1/4"	G	MxF	C/S	28.5	28.5	83.0	76.0	30.0	4.2	0.40
WN1534	1/2"	G	MxF	C/S	38.0	38.0	88.0	89.0	32.0	7.0	1.20
WN1534N	1/2"	G	MxF	C/S	38.0	38.0	91.0	89.0	32.0	7.0	1.20
WN1536	3/4"	G	MxF	C/S	38.0	38.0	88.0	89.0	32.0	7.0	1.20
WN1537	3/4"x1/2"	G	MxF	C/S	40.0	40.0	93.0	89.0	32.0	9.0	2.30
WN1538	1"	G	MxF	C/S	38.0	38.0	92.0	89.0	39.0	7.0	1.90
WN1551	1/8"	A	FxF	C/S	45.0	45.0	105.0	80.0		12.0	3.50
WN1552	1/4"	A	FxF	C/S	42.0	28.0	88.0	42.0		4.2	0.70
WN1553	3/8"	A	FxF	C/S	42.0	28.0	88.0	42.0		4.2	0.80
WN1554	1/2"	A	FxF	C/S	42.0	28.0	88.0	42.0		6.4	1.60
WN1556	3/4"	A	FxF	C/S	50.0	32.0	90.0	50.0		7.0	1.50
WN1558	1"	A	FxF	C/S	50.0	36.0	90.0	50.0		9.0	4.40
WN1572	1/4"	A	MxF	C/S	60.0	46.0	105.0	60.0		12.0	6.20
WN1574	1/2"	A	MxF	C/S	42.0	28.0	85.0	42.0		4.2	0.60

D= Orifice All dimensions in mm

WGI Hard Seat Needle Valves – Stainless Steel

Process / Hi flow series

Specifications

Sizes

1/8" through 1" NPT

Maximum Operating Pressure

10,000 psi

Body & Bonnet Material

316 Stainless steel

Stem Material

316 Stainless steel

Stem Packing

PTFE Teflon®

Stem

Non rotating for sizes 3/8" and above

Temperature Limits

-40° to 500°F (-40°C to 260°C)

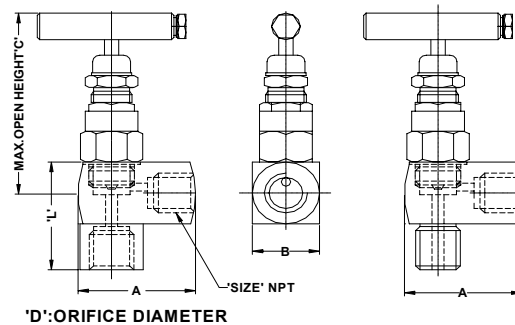
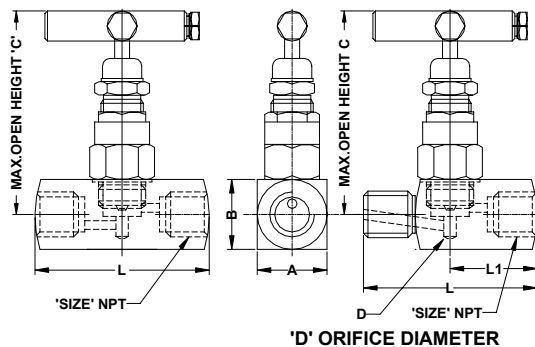
Canadian Registration Number (CRN)

CSA-OC5141.26



WN1314

Dimensions & Part Numbers



Part No.	Size	Pattern	Ends	Matl.	A	B	C	L	L1	D	Cv
WN1311	1/8"	G	FxF	C/S	28.5	28.5	83.0	60.0		4.2	0.40
WN1312	1/4"	G	FxF	C/S	28.5	28.5	83.0	60.0		4.2	0.40
WN1313	3/8"	G	FxF	C/S	32.0	32.0	88.0	68.0		6.4	0.90
WN1314	1/2"	G	FxF	C/S	38.0	38.0	88.0	89.0		7.0	1.10
WN1316	3/4"	G	FxF	C/S	40.0	40.0	92.0	89.0		9.0	2.30
WN1318	1"	G	FxF	C/S	45.0	45.0	105.0	89.0		12.0	3.50
WN1332	1/4"	G	MxF	C/S	28.5	28.5	83.0	76.0	30.0	4.2	0.40
WN1334	1/2"	G	MxF	C/S	38.0	38.0	88.0	89.0	32.0	7.0	1.20
WN1336	3/4"	G	MxF	C/S	38.0	38.0	88.0	89.0	32.0	7.0	1.20
WN1337	3/4"x1/2"	G	MxF	C/S	40.0	40.0	93.0	89.0	32.0	9.0	2.30
WN1338	1"	G	MxF	C/S	38.0	38.0	92.0	89.0	39.0	7.0	1.90
WN1351	1/8"	A	FxF	C/S	45.0	45.0	105.0	80.0		12.0	3.50
WN1352	1/4"	A	FxF	C/S	42.0	28.0	88.0	42.0		4.2	0.70
WN1353	3/8"	A	FxF	C/S	42.0	28.0	88.0	42.0		4.2	0.80
WN1354	1/2"	A	FxF	C/S	42.0	28.0	88.0	42.0		6.4	1.60
WN1356	3/4"	A	FxF	C/S	50.0	32.0	90.0	50.0		7.0	1.50
WN1358	1"	A	FxF	C/S	50.0	36.0	90.0	50.0		9.0	4.40
WN1372	1/4"	A	MxF	C/S	60.0	46.0	105.0	60.0		12.0	6.20
WN1374	1/2"	A	MxF	C/S	42.0	28.0	85.0	42.0		4.2	0.60

D= Orifice All dimensions in mm

WGI Soft Seat Needle Valves – Carbon Steel

Process

Specifications

Sizes

1/4" through 1" NPT

Maximum Operating Pressure

6000 psi

Body & Bonnet Material

A105 Carbon steel

Stem Material

316 Stainless steel

Stem Packing

PTFE Teflon®

Stem

Non rotating for sizes 3/8" and above

Temperature Limits

-40° to 500°F (-40°C to 260°C)

Seat Material

Replaceable Delrin® seat

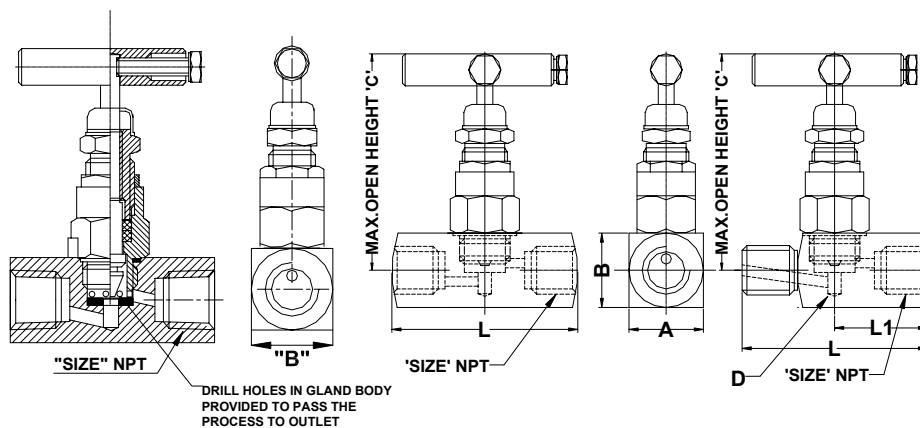
Canadian Registration Number (CRN)

CSA-OC5141.26

Dimensions & Part Numbers



WN5534



Part No.	Size	Pattern	Ends	Matl.	A	B	C	L	L1	D	
WN5512	1/4"	G	FxF	C/S	28.5	28.5	83.0	60.0		4.2	
WN5514	1/2"	G	FxF	C/S	32.0	32.0	88.0	68.0		7.0	
WN5516	3/4"	G	FxF	C/S	40.0	40.0	92.0	68.0		9.0	
WN5518	1"	G	FxF	C/S	45.0	45.0	105.0	80.0		12.0	
WN5532	1/4"	G	MxF	C/S	28.5	28.5	83.0	76.0	32.0	4.2	
WN5534	1/2"	G	MxF	C/S	38.0	38.0	88.0	89.0	32.0	7.0	
WN5572	1/4"	A	MxF	C/S	42.0	28.0	88.0	42.0	32.0	4.2	
WN5574	1/2"	A	MxF	C/S	50.0	32.0	90.0	50.0	32.0	7.0	

WGI Soft Seat Needle Valves – Stainless Steel

Process

Specifications

Sizes

1/4" through 1" NPT

Maximum Operating Pressure

6000 psi

Body & Bonnet Material

316 Stainless steel

Stem Material

316 Stainless steel

Stem Packing

PTFE Teflon®

Stem

Rotating

Temperature Rating

-20° to 300°F (-20 to 150°C) WOG

Seat Material

Replaceable Delrin® seat

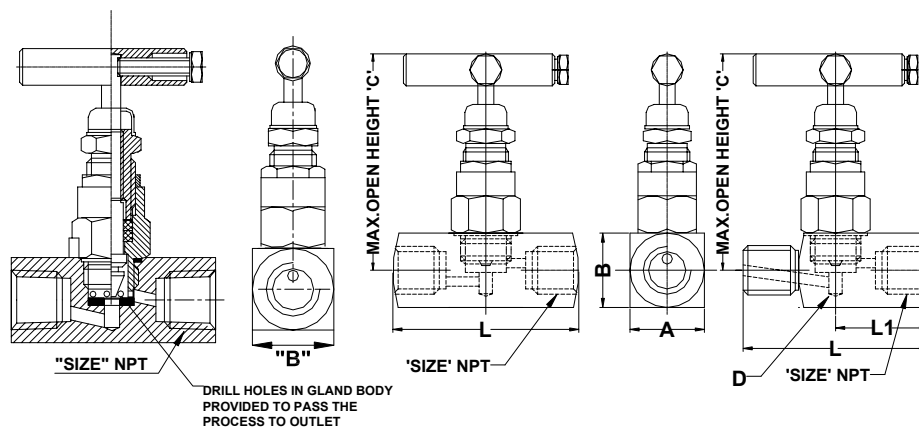
Canadian Registration Number (CRN)

CSA-OC5141.26



WN5334

Dimensions & Part Numbers



Part No.	Size	Pattern	Ends	Matl.	A	B	C	L	L1	D
WN5312	1/4"	G	FxF	316SS	28.5	28.5	83.0	60.0		4.2
WN5314	1/2"	G	FxF	316SS	32.0	32.0	88.0	68.0		7.0
WN5316	3/4"	G	FxF	316SS	40.0	40.0	92.0	68.0		9.0
WN5318	1"	G	FxF	316SS	45.0	45.0	105.0	80.0		12.0
WN5332	1/4"	G	MxF	316SS	28.5	28.5	83.0	76.0	32.0	4.2
WN5334	1/2"	G	MxF	316SS	38.0	38.0	88.0	89.0	32.0	7.0

WGI Block & Bleed Needle Valves

Gauge Valves

Specifications

Sizes

1/2" x 1/2"(3) or 3/4" x 1/2"(3) NPT

Maximum Operating Pressure

10,000 psi

Body & Bonnet Material

A105 Carbon steel or 316 Stainless steel

Stem Material

316 Stainless steel

Stem Packing

PTFE Teflon®

Stem

Non rotating

Temperature Limits

-40° to 500°F (-40 to 250°C)

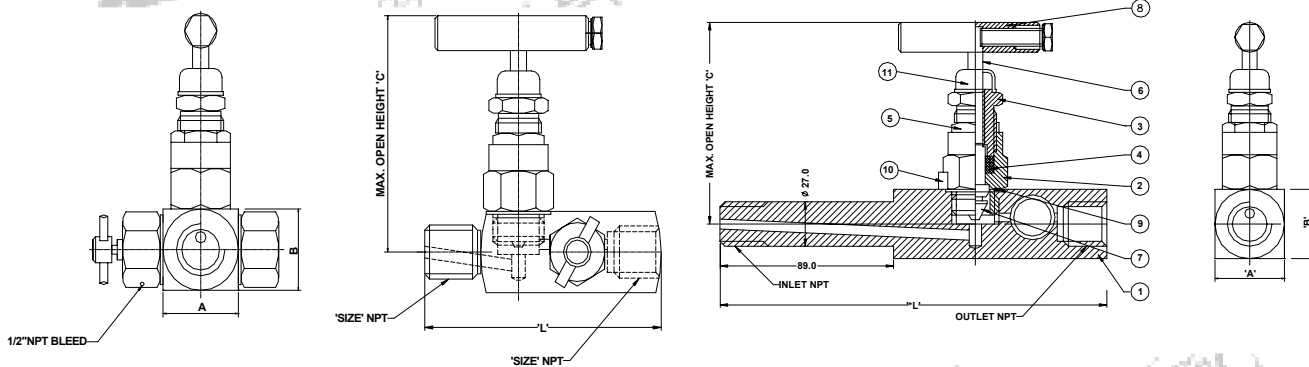
Canadian Registration Number (CRN)

CSA-OC5141.26



WN8534

Dimensions & Part Numbers



Part No.	Size	Pattern	Ends	Matl.	A	B	C	L	*L	D
WN8534	1/2" x 1/2"	G	MxF	316SS	32.0	32.0	88.0	95.0	n/a	7.0
WN8536	3/4" x 1/2"	G	MxF	316SS	32.0	32.0	88.0	95.0	180.0	7.0
WN7534	1/2" x 1/2"	G	MxF	C/S	32.0	32.0	88.0	95.0	n/a	7.0
WN7536	3/4" x 1/2"	G	MxF	C/S	32.0	32.0	88.0	95.0	n/a	7.0

See Discount Line # 36

D = Orifice *L = Lagged Valve

Lagged Block & Bleed Valve

3" neck extension for piping insulation

Part No.	Size	Pattern	Ends	Matl.	A	B	C	L	D
WN8536-3L	3/4" x 1/2"	G	MxF	316SS	38.0	38.0	92.0	180.0	7.0

See Discount Line # 36

No.	Description	QTY.
1	Body	1
2	Gland Body	1
3	Gland Retainer	1
4	Gland Seal	2
5	Check Nut	1
6	Spindle	1
7	Trim	1
8	Handle	1
9	Washer	1
10	Lock Pin	1
11	Dust Cap	1

WGI Bleed Needle Valves

Carbon Steel / Stainless Steel

Specifications

Sizes

3/4" x 1/2" NPT

Maximum Operating Pressure

10,000 psi

Body & Bonnet Material

A105 Carbon steel or 316 Stainless Steel

Stem Material

316 Stainless steel

Stem Packing

PTFE Teflon®

Stem

Non rotating

Temperature Rating

-40° to 500°F (-40 to 250°C) WOG

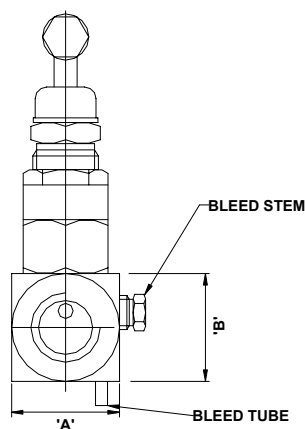
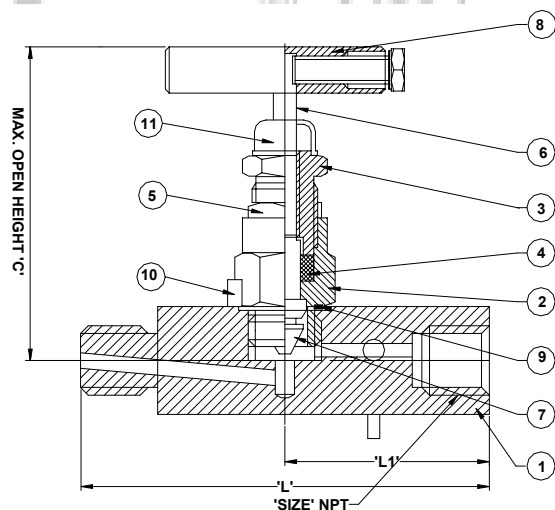
Canadian Registration Number (CRN)

CSA-OC5141.26

Dimensions & Part Numbers



WN3337



No.	Description	QTY
1	Body	1
2	Gland Body	1
3	Gland Retainer	1
4	Gland Seal	1
5	Check Nut	1
6	Spindle	1
7	Trim	1
8	Handle	1
9	Washer	1
10	Lock Pin	1
11	Dust Cap	1

Part No.	Size	Pattern	Ends	Matl.	A	B	C	L	D	Cv
WN3537	3/4" x 1/2"	G	MxF	C/S	32.0	32.0	88.0	95.0	7.0	?
WN3337	3/4" x 1/2"	G	MxF	316SS	32.0	32.0	88.0	95.0	7.0	?

WGI Miniature Needle Valves

Carbon Steel / Stainless Steel

Specifications

Sizes

1/8" & 1/4" NPT

Maximum Operating Pressure

6000 psi

Body & Bonnet Material

A105 Carbon steel or 316 Stainless Steel

Stem Material

316 Stainless steel

Stem Packing

PTFE Teflon®

Stem

Rotating

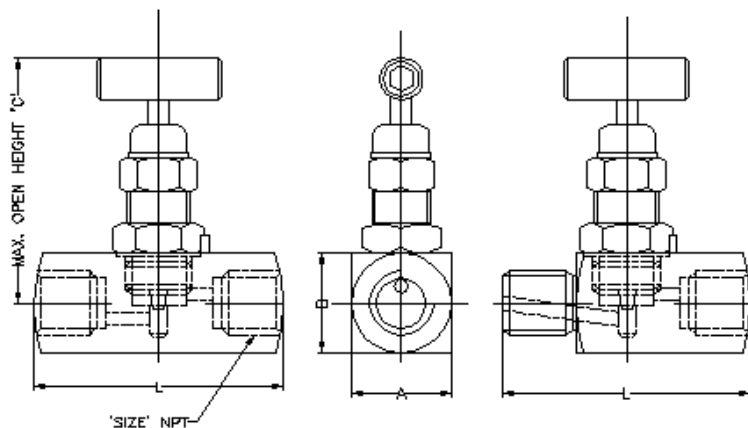
Temperature Rating

-40° to 500°F (-40 to 250°C)

Canadian Registration Number (CRN)

CSA-OC5141.26

Dimensions & Part Numbers



WN0532

Part No.	Size	Pattern	Ends	Material	A	B	C	L	D	Cv	
WN0311	1/8"	G	FxF	316SS	20.0	20.0	52.0	32.0	32.0	0.25	
WN0312	1/4"	G	FxF	316SS	20.0	20.0	52.0	32.0	32.0	0.25	
WN0332	1/4"	G	MxF	316SS	20.0	20.0	52.0	32.0	32.0	0.25	
WN0511	1/8"	G	FxF	C/S	20.0	20.0	52.0	32.0	32.0	0.25	
WN0512	1/4"	G	FxF	C/S	20.0	20.0	52.0	32.0	32.0	0.25	
WN0532	1/4"	G	MxF	C/S	20.0	20.0	52.0	32.0	32.0	0.25	

WGI Packager Needle Valves – Instrumentation Valve

Carbon Steel / Stainless Steel

Specifications

Sizes

1/4", 1/2", or 3/4" x 1/2" NPT

Maximum Operating Pressure

6000 psi

Body & Bonnet Material

A105 Carbon steel or 316 Stainless Steel

Stem Material

316 Stainless steel

Stem Packing

PTFE Teflon®

Stem

Non Rotating – 1/2" NPT and larger

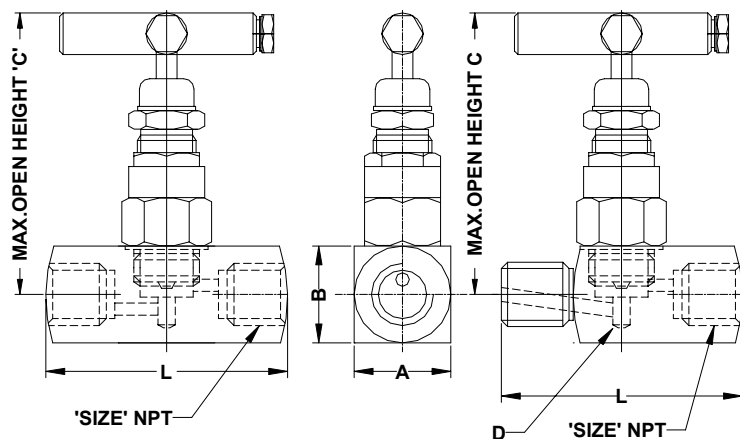
Temperature Rating

-40° to 500°F (-40 to 250°C)

Canadian Registration Number (CRN)

CSA-OC5141.26

Dimensions & Part Numbers



'D' ORIFICE DIAMETER



WN1432P

Part No.	Size	Pattern	Ends	Material	A	B	C	L	D
WN1412P	1/4"	G	FxF	316SS	28.5	28.5	84.0	76.0	03.2
WN1414P	1/2"	G	FxF	316SS	28.5	28.5	84.0	76.0	03.2
WN1432P	1/4"	G	MxF	316SS	28.5	28.5	84.0	76.0	03.2
WN1434P	1/2"	G	MxF	316SS	28.5	28.5	84.0	76.0	03.2
WN1437P	3/4" x 1/2"	G	MxF	316SS	28.5	28.5	84.0	76.0	03.2
WN1612P	1/4"	G	FxF	CS	28.5	28.5	84.0	76.0	03.2
WN1612PN	1/4"	G	FxF	CS NACE	28.5	28.5	84.0	76.0	03.2
WN1614P	1/2"	G	FxF	CS	28.5	28.5	84.0	76.0	03.2
WN1614PN	1/2"	G	FxF	CS NACE	28.5	28.5	84.0	76.0	03.2
WN1632P	1/4"	G	MxF	CS	28.5	28.5	84.0	76.0	03.2
WN1632PN	1/4"	G	MxF	CS NACE	28.5	28.5	84.0	76.0	03.2
WN1634P	1/2"	G	MxF	CS	28.5	28.5	84.0	76.0	03.2
WN1634PN	1/2"	G	MxF	CS NACE	28.5	28.5	84.0	76.0	03.2
WN1637P	3/4" x 1/2"	G	MxF	CS	28.5	28.5	84.0	76.0	03.2
WN1637PN	3/4" x 1/2"	G	MxF	CS NACE	28.5	28.5	84.0	76.0	03.2

WGI 5 Valve Soft Seat Threaded Manifold

Carbon Steel / Stainless Steel

For use with D/P transmitters or Chart recorders. Remote mounted, Two process isolation valves, Two equalizing valves and One drain valve on a single block.

Specifications

Connection

Instrument & Process – 1/2" NPT (F)

Maximum Operating Pressure @ 200°F
3000 psi

Body & Bonnet Materials

CS-A108 / A479 - 316 SS.

Stem Material

Close tolerance surface finish, cold rolled threads,
ASME SA-479 Type 316 SS

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.

Stem

Close tolerance surface finish, cold rolled threads,
ASME SA-479 Type 316 SS

Needle Tip

Self centering hardened & ground.
ASME SA-479 Type 316 SS

Seat Material

Delrin

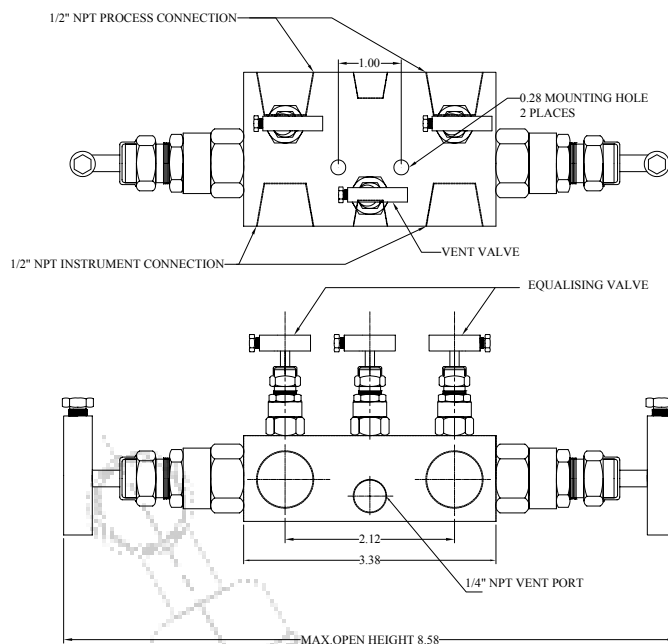
Temperature Rating

-40° to 200°F (-40 to 93°C)

Canadian Registration Number (CRN)

CSA-OC5141.26

Dimensions & Part Numbers



WN55314

Part Number	Material	
WM55514	C/S	
WM55314	316 SS	
See Discount Line #		

