

DATASHEET

BACK PRESSURE MAINTAINING VALVE (BPMV): H210 AND H211

MODEL CODE							
H210	1	1	AA	75P	N	NY	0

MODEL TYPE	
H210	DOME LOADED INTERNALLY
H211	DOME LOADED EXTERNALLY

MAXIMUM INLET PRESSURE	
1	6,000 Psi (414 Bar)
2	4,000 Psi (272 Bar)
2	3,500 Psi (238 Bar)

SET PRESSURE RANGE	
1	44 ~ 6,000 Psi (3 ~ 414 Bar)
2	44 ~ 4,000 Psi (3 ~ 272 Bar)
3	44 ~ 3,500 Psi (3 ~ 238 Bar)

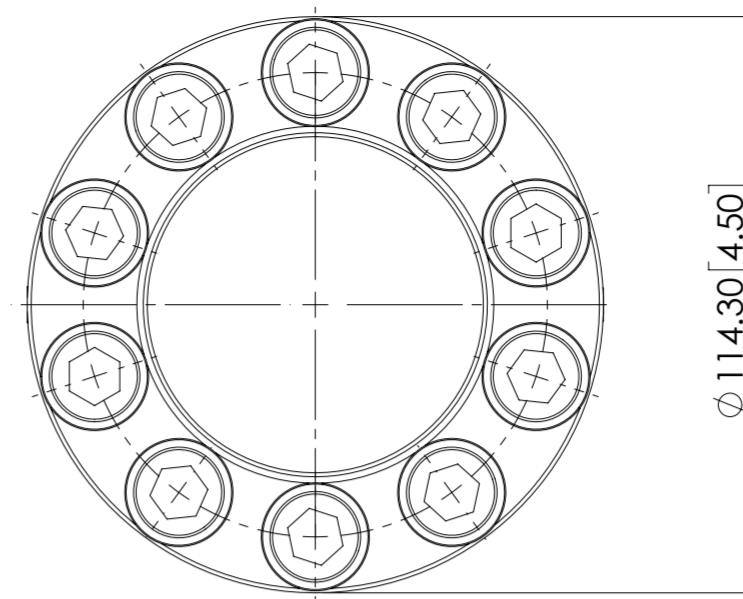
MATERIAL	
AA	ALUMINIUM ALLOY
SS	STAINLESS STEEL
AB	ALUMINIUM BRONZE
BR	BRASS

GAUGE PORT	
0	NO PORT
GI	1/4" BSPP INLET
GO	1/4" BSPP OUTLET
GB	1/4" BSPP INLET & OUTLET

SEAT MATERIAL	
NY	NYLON

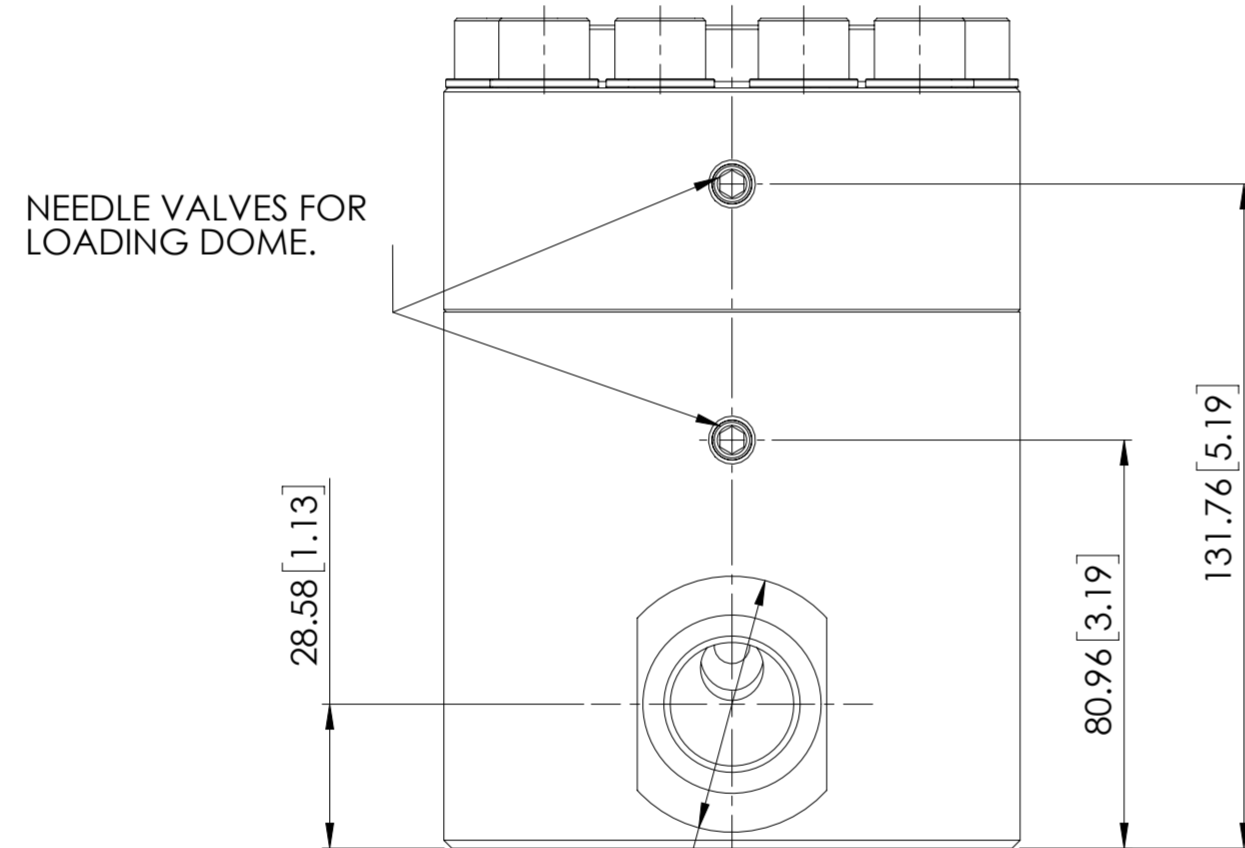
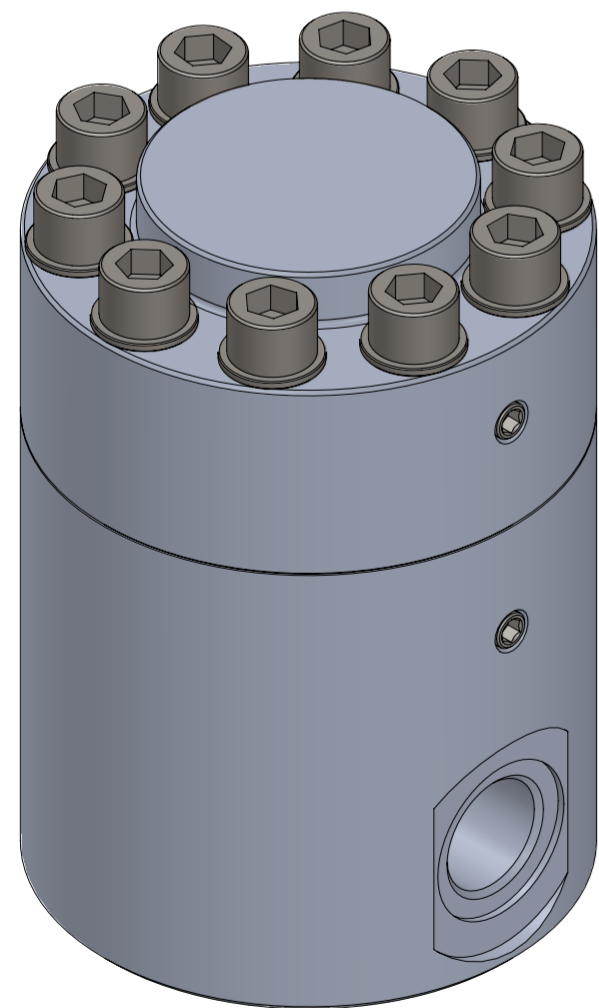
SEALS	
N	NITRILE
V	VITON

PORTING	
75P	3/4" BSPP
75N	3/4" NPT

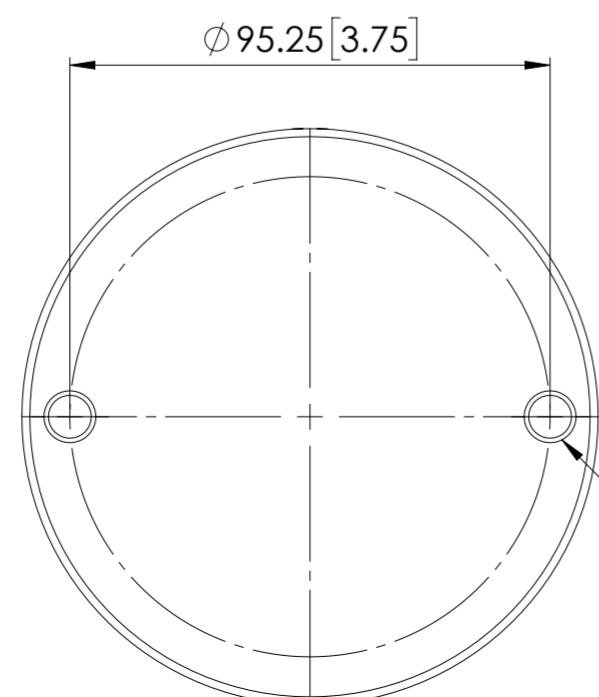


SPECIFICATION

- ORIFICE: 12.7mm
- MEDIUM: H210 - GAS ONLY
- MEDIUM: H211 - GAS AND LIQUID
- DRY WEIGHT: 5.0 kg (11.0 lb)
(ALUMINIUM ALLOY)



Ø 50.80 [2.00] SPOT FACES
TYP BOTH PORTS



2 OFF MOUNTING HOLES
M10 x 12.7mm FULL
THREAD (0.50")

Ø 35.42 [1.39] C/BORE
Ø 35.29 [1.39]
ONLY APPLIES TO
BSPP PORTED VALVES

1.6 [0.06] C/BORE
ONLY APPLIES TO
BSPP PORTED VALVES

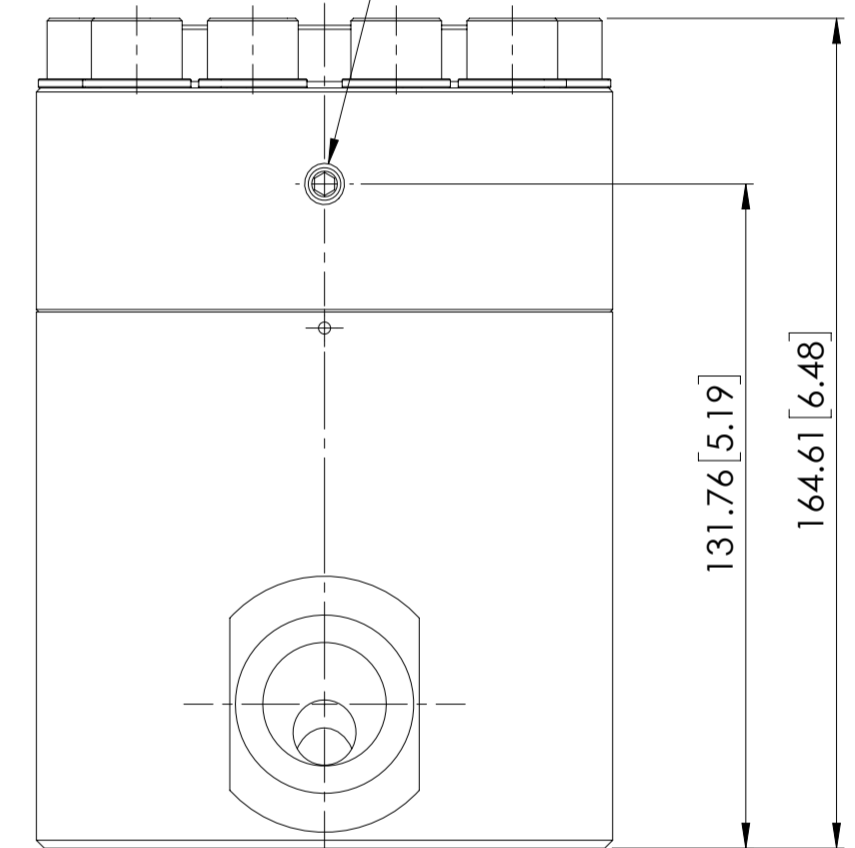


53.98 [2.13]

107.95 [4.25] SPOT FACE
TO SPOT FACE

H211 VALVES ONLY. 1/8" BSPP
EXTERNAL DOME LOADING PORT
LOCATION. (PORT NOT SHOWN)

NEEDLE VALVE FOR
VENTING DOME.



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DRAWN	J.PHELAN	SHEET	1 OF 1	 3RD ANGLE PROJECTION	DRAWING SIZE	A2	DRAWING SCALE	1:2	DRAWING NUMBER	DS0005
DATE	03/05/19	ISSUE	1							