

# DATASHEET

## PRESSURE REGULATOR: A100 AND A101

MODEL CODE							
A100 -	1	1	AA	50P	N	NY	0

MODEL TYPE	
A100 -	DOME LOADED INTERNALLY
A101 -	DOME LOADED EXTERNALLY

MAXIMUM INLET PRESSURE	
1	1,000 Psi (70 Bar)

SET PRESSURE RANGE	
1	0.75 ~ 900 Psi (0.05 ~ 62 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

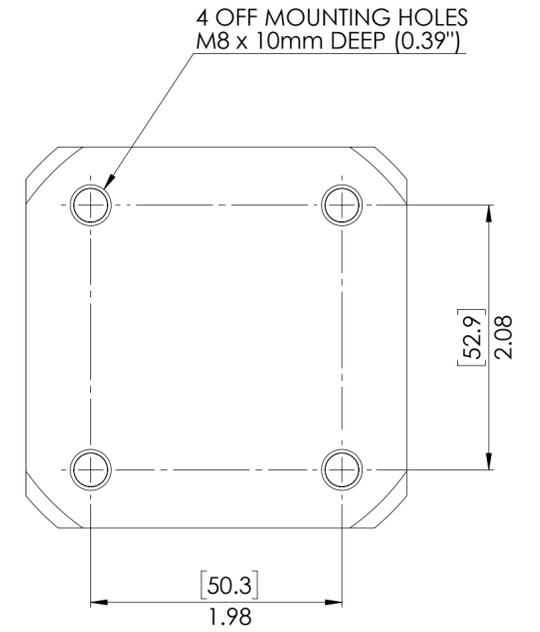
SEAT MATERIAL	
NY	NYLON
OTHER MATERIALS AVAILABLE ON REQUEST	

SEALS	
N	NITRILE
V	VITON
OTHER MATERIALS AVAILABLE ON REQUEST	

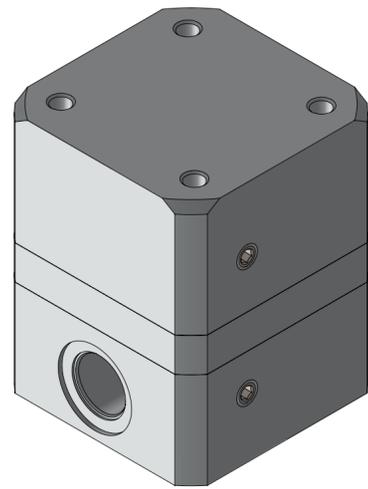
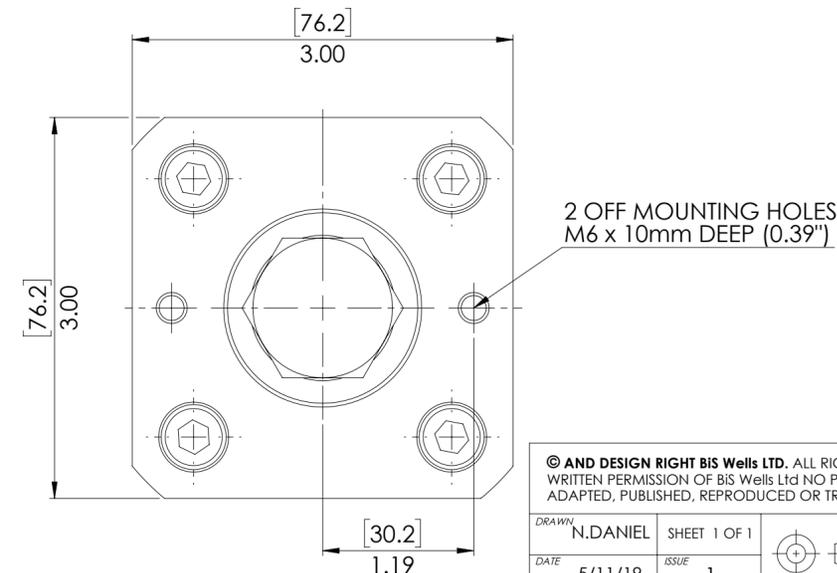
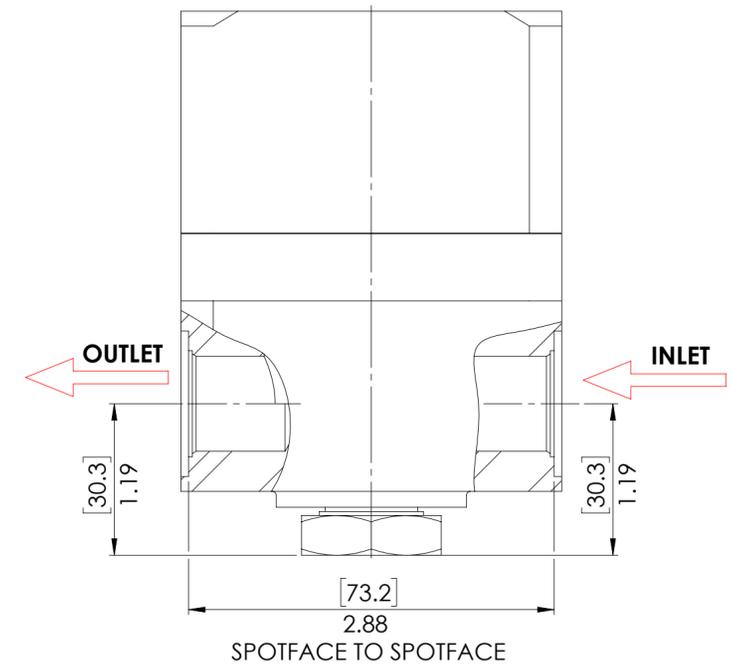
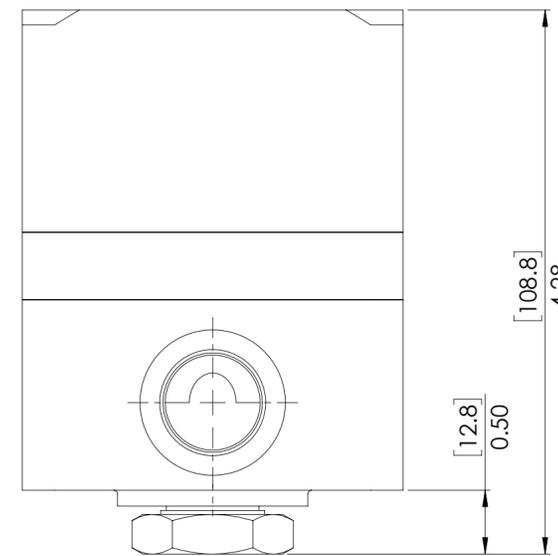
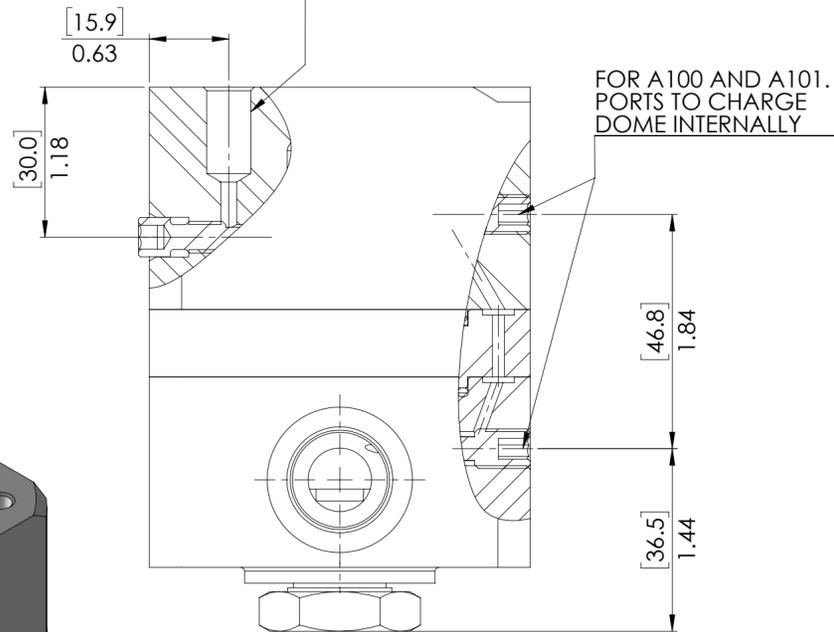
PORTING	
50P	1/2" BSPP
50N	1/2" NPT

### SPECIFICATION

- ORIFICE: 11.1mm (0.437")
- MEDIUM: A100 - GAS ONLY
- MEDIUM: A101 - GAS AND LIQUID
- CAPACITY VALUE: 1.6
- DRY WEIGHT: 1.1kg (3.3 lb)  
(ALUMINIUM ALLOY)
- OXYGEN SERVICE AVAILABLE



A101 VALVES ONLY. 1/8" BSPP EXTERNAL DOME LOADING PORT.



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DRAWN	N.DANIEL	SHEET	1 OF 1		DRAWING SIZE	A2	DRAWING SCALE	1:1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 1. LINEAR TOLERANCES : ±0.1" 2. ANGULAR TOLERANCES : ±2°
DATE	5/11/19	ISSUE	1		DRAWING NUMBER	DS0017			