

DATASHEET

PNEUMATIC AND HYDRAULIC REGULATORS: A30 SERIES

MODEL CODE									
A	30	-	A	N	N	100	P	0	0

MODEL TYPE	
A	SPRING REGULATOR

REGULATED PRESSURE	
30 -	0.34 ~ 6.9 bar (5 ~ 100 psi)

MATERIAL	
A	ALUMINIUM
AB	ALUMINIUM BRONZE
BR	BRASS
SS	STAINLESS STEEL

SEAL MATERIAL	
N	NITRILE (-25°C TO +80°C) *
V	VITON (-10°C TO +80°C) *
E	EPDM (-45°C TO +80°C) *
OTHER SEAL MATERIALS AVAILABLE ON REQUEST	

SEAT MATERIAL	
N	NITRILE (-25°C TO +80°C) *
V	VITON (-10°C TO +80°C) *
E	EPDM (-45°C TO +80°C) *
OTHER SEAT MATERIALS AVAILABLE ON REQUEST	

HANDWHEEL	
0	STANDARD HANDWHEEL
L	LOCKING

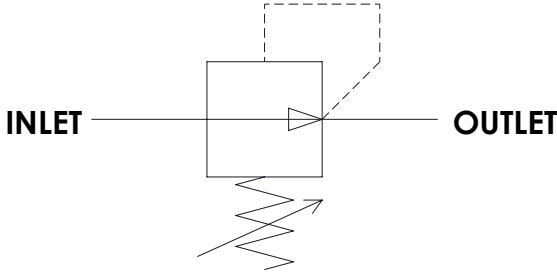
MOUNTING	
0	NO MOUNTING
PM	PANEL MOUNTING

OUTLET GAUGE PORT	
0	NO PORT
1	1/4" NPT

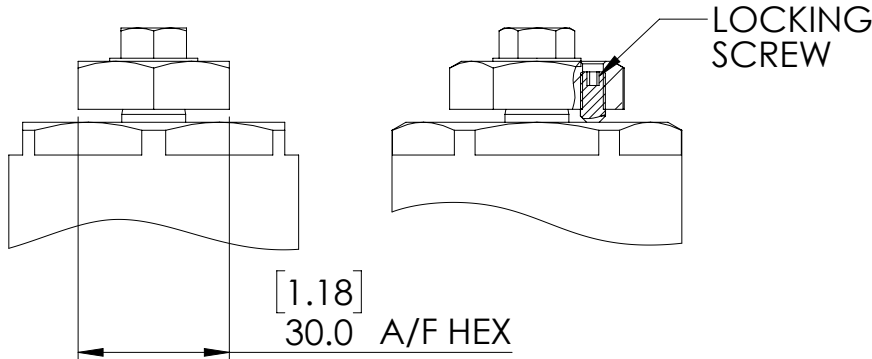
INLET GAUGE PORT	
0	NO PORT
1	1/4" NPT

PORTS	
50P	1/2" BSP
50N	1/2" NPT
100P	1" BSP
100N	1" NPT

VALVE CIRCUIT SYMBOL

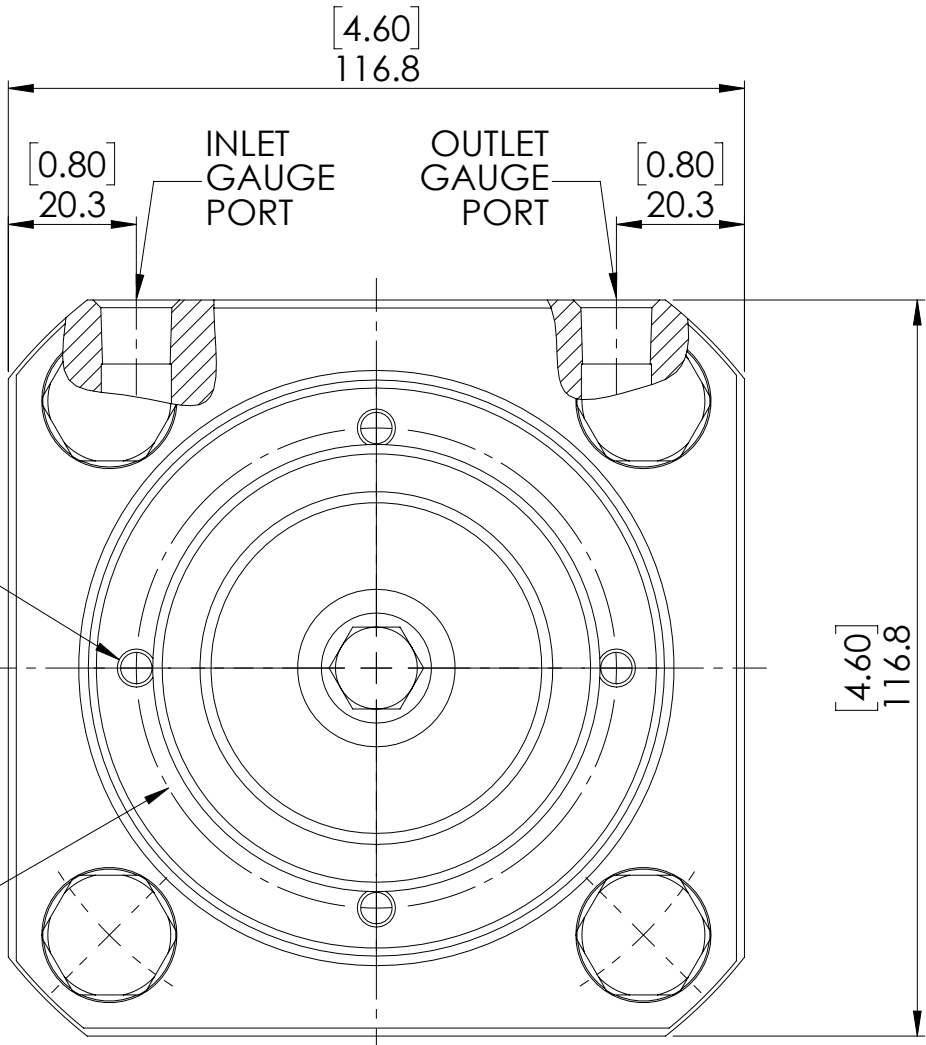


VIEWS SHOWING OPTIONAL LOCKING FEATURE



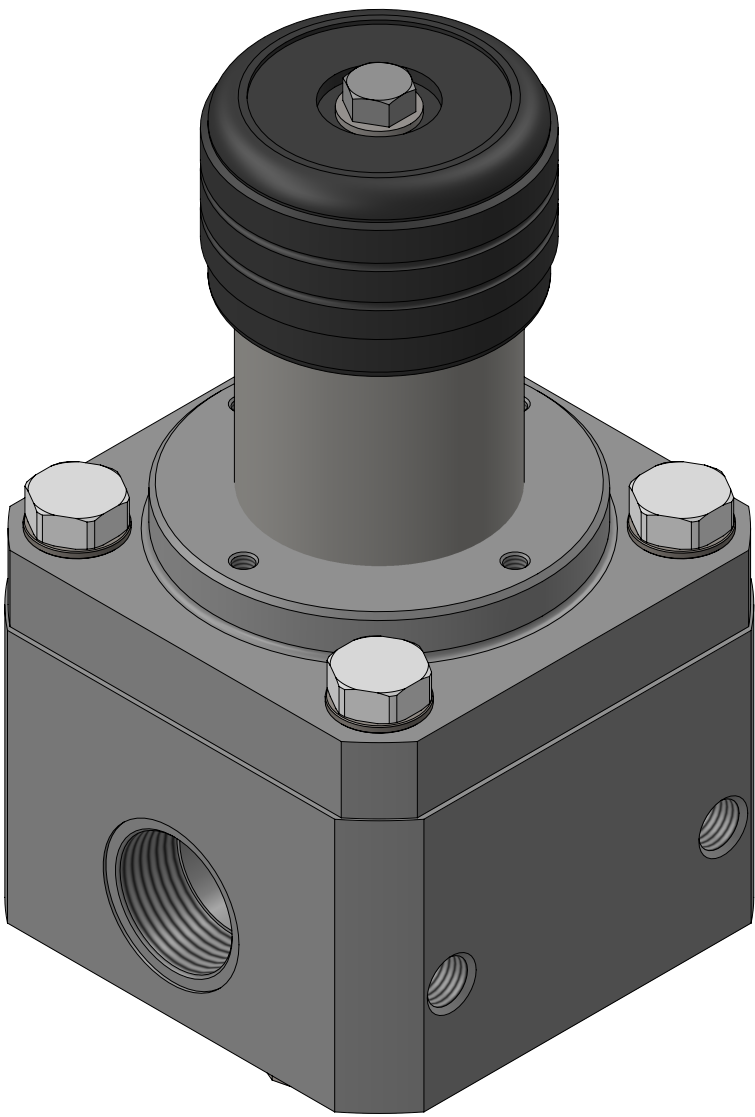
4 OFF MOUNTING HOLES
M6 x 1.0 ∇ 14mm

[3.00]
∅76.2 PCD



SPECIFICATION

- MAXIMUM INLET PRESSURE: 69 bar (1,000 Psi)
- NON-VENTING
- APPROX. OUTLET RISE PER UNIT INLET FALL: 0.015
- MEDIUM: GAS AND LIQUID
- Cv: 5.0
- WEIGHT: 9.4 kg (20.6 lb) (1" PORTED STAINLESS STEEL VERSION)
- OXYGEN SERVICE AVAILABLE - SPECIFY 'A30OX-'.



[2.80]
∅71.0 HANDWHEEL

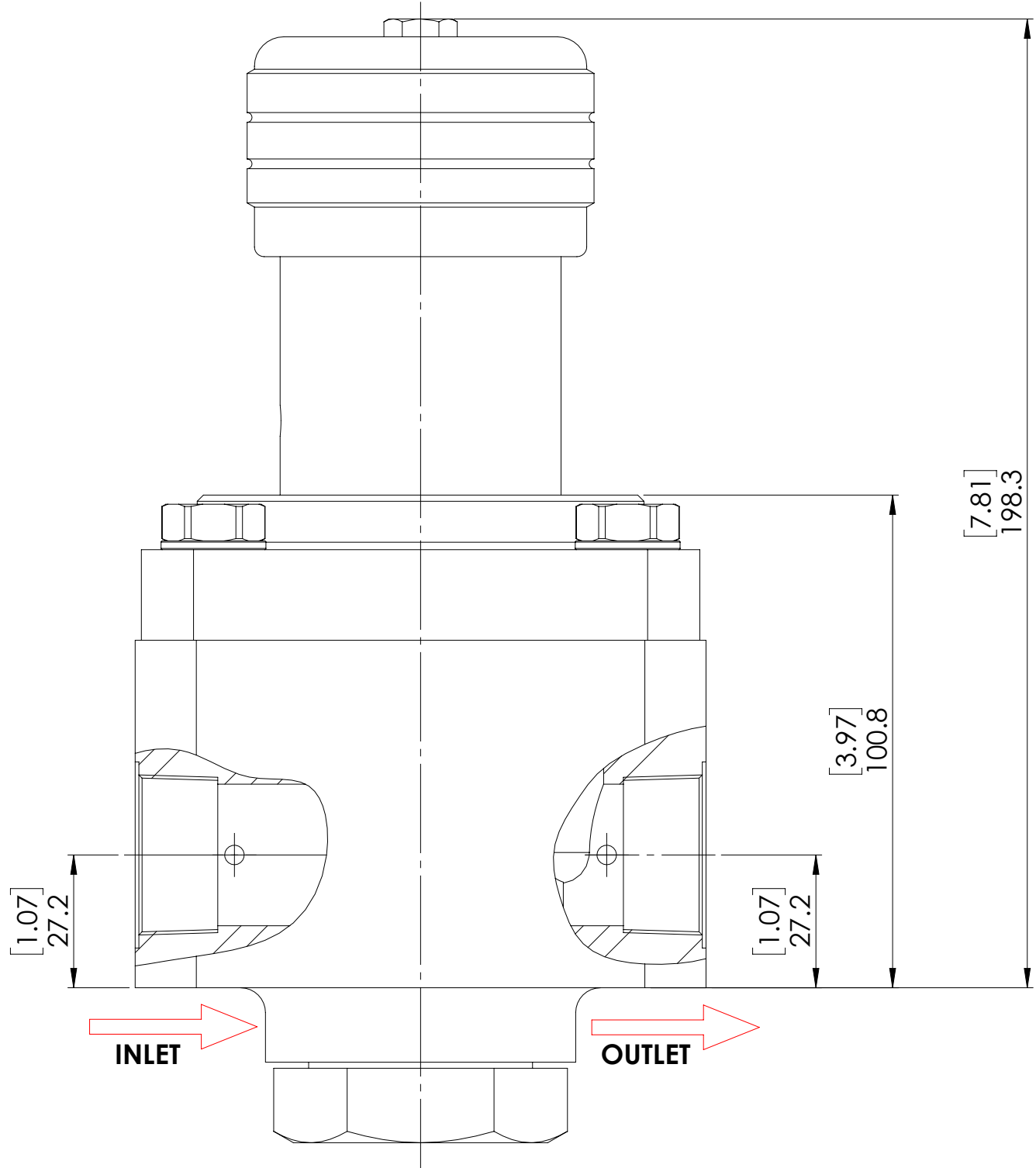
[2.26]
∅57.5

[3.53]
89.7

[1.07]
27.2

[1.25]
31.7

[2.50]
∅63.5



[7.81]
198.3

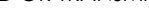
[3.97]
100.8

[1.07]
27.2

[1.07]
27.2



* THE NOMINAL TEMPERATURE RATINGS SHOWN ARE BASED ON MAXIMUM PRESSURE & STATIC PRESSURE CONDITIONS. ACTUAL TEMPERATURE PERFORMANCE WILL VARY WITH APPLICATION. TEMPERATURE TESTING IS ADVISED WHERE CRITICAL.

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DRAWN	N.DANIEL	SHEET 1 OF 1			DRAWING SIZE	A2	DRAWING SCALE	1:1.2	DRAWING NUMBER	DS0027
DATE	16/12/19	ISSUE 4								