

4

3

2

1

MODEL NO.	MAX DELIVERY PRESSURE	DELIVERY PRESSURE GAUGE
3200	50 PSI	0-100 PSI
3201	100 PSI	30" VAC-0-200 PSI
3203	150 PSI	30" VAC-0-300 PSI
3204	250 PSI	0-400 PSI

REF ONLY FOR PDM USE ONLY	DWG NO. 3200-CGA-OL-	MODEL NO. MREG-4400-XX-
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REVISIONS					
SH-ZONE	REV	DESCRIPTION	ECO NO.	BY/DATE	APVD/DATE
-	A	RELEASED FOR PRODUCTION	-	DL-1/26/20	WS-3/12/21
A1	B	REVISED CLEANING SPECIFICATION	-	DL-4/5/23	DL-4/5/23
B2	C	ADDED TOP VIEW PORT LAYOUT	-	DL-4/24/23	DL-4/24/23

DELIVERY PRESSURE
GAUGE (SEE CHART)

0-3000 PSI GAUGE
(TYP)

1/2" COMPRESSION
FITTING (TYP)

CGA CONNECTION
(TYP)

OUTLET

INLET

(8.1)

0.18 MAX W/ 2 LOCK NUTS
0.50 MAX W/ 1 LOCK NUT

PANEL NUTS

(2.1)

(5.0)

(2.7)

(2.6)

(1.0)

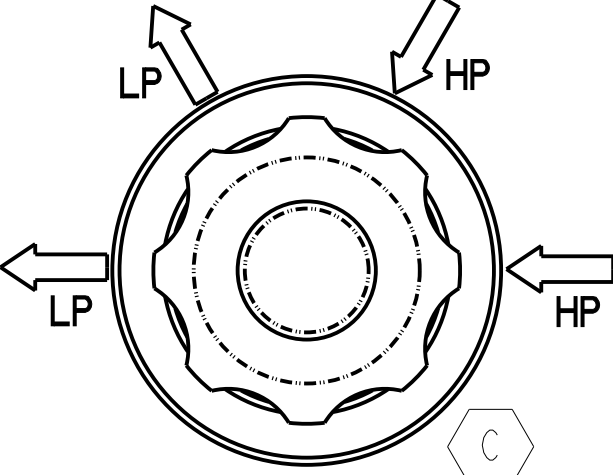
(5.4)

1.38

2X 1/4-20 UNC
0.30 DEEP

Ø1.37

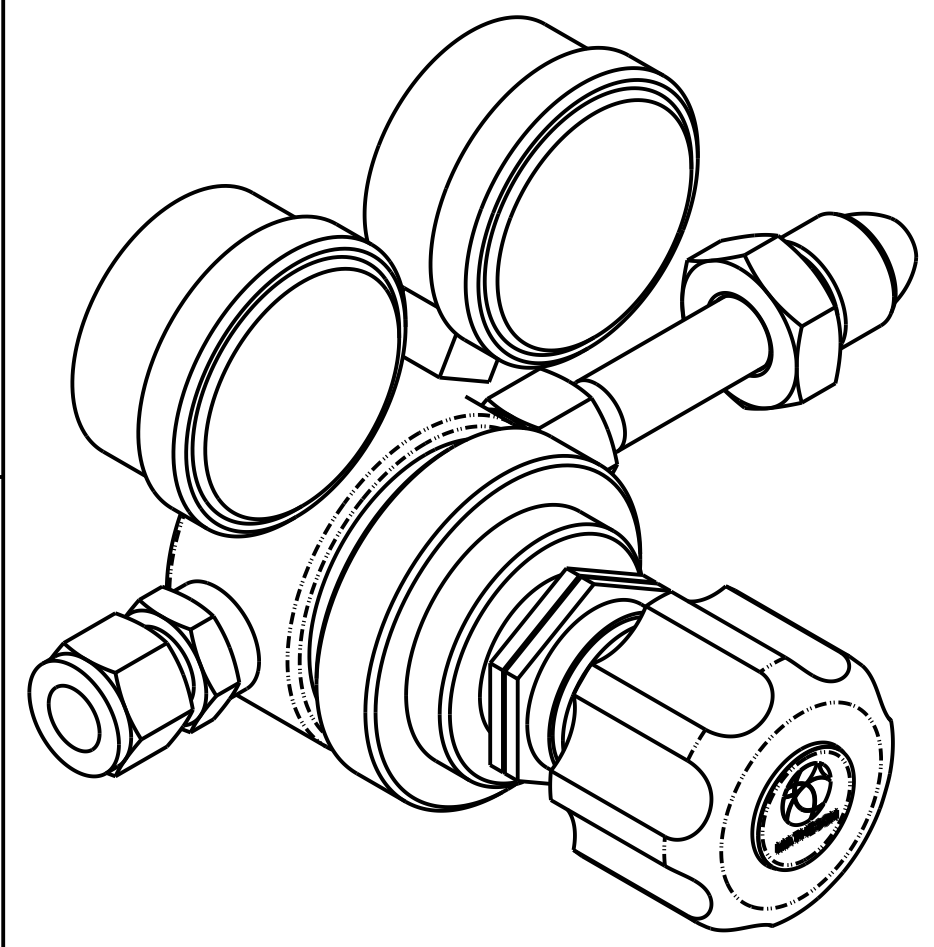
PANEL CUT-OUT



TOP VIEW

MATERIALS	
REGULATOR BODY	316 STAINLESS STEEL
REGULATOR BONNET	300 SERIES STAINLESS STEEL
REGULATOR DIAPHRAGM	316 STAINLESS STEEL
REGULATOR SEAT	PCTFE
REGULATOR SEAT RETAINER	NITRONIC 60
REGULATOR SEALS	PTFE

SPECIFICATIONS	
MAXIMUM INLET PRESSURE	3000 PSI (20,700 kPa)
FLOW CAPACITY-REGULATOR (Cv)	1.0
OPERATING TEMPERATURE	-40°F TO 140°F (-40°C TO 60°C)
PORTING (INLET/OUTLET)	1/2" NPT FEMALE
PORTING (GAUGES)	1/4" NPT FEMALE
PORTING CONFIGURATION	2 HIGH, 2 LOW
INLET FILTER	NONE
BONNET THREADING	1-5/16"-20
BONNET VENT HOLE	1/16" FNPT
LEAK TEST (INTERNAL)	BUBBLE-TIGHT
LEAK TEST (EXTERNAL)	1 x 10 ⁻⁵ SCCM-HE
CLEANING	CGA G 4.1
PRESSURE RATING	PER ANSI/ASME B31.3
TYP MAX FLOW (100 PSI DEL. PRESS.)	30 SCFM-N2 (850 SLPM)



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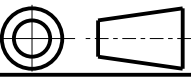
TOLERANCES

INCH	METRIC
X ±.1 .X ±.03 .XX ±.01 .XXX ±.005	X ±.8 .X ±.3 .XX ±.13
63/	1.6/
ANGLES ± 1/2°	

MATERIAL:

FINISH:

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

APPROVALS

DRAWN BY:	DATE:
DL	1/26/21
CHECKED BY:	DATE:
WS	3/12/21
ENGINEER:	DATE:
WS	3/12/21



GAS EQUIPMENT TECHNOLOGY GROUP, MONTGOMERYVILLE, PA 18936

TITLE:
OUTLINE DRAWING
3200-CGA SERIES
HIGH FLOW REGULATOR, SS BARSTOCK

SIZE C	DWG. NO. 3200-CGA-OL	REV C
CREO	SCALE: NTS	SHEET 1 OF 1