

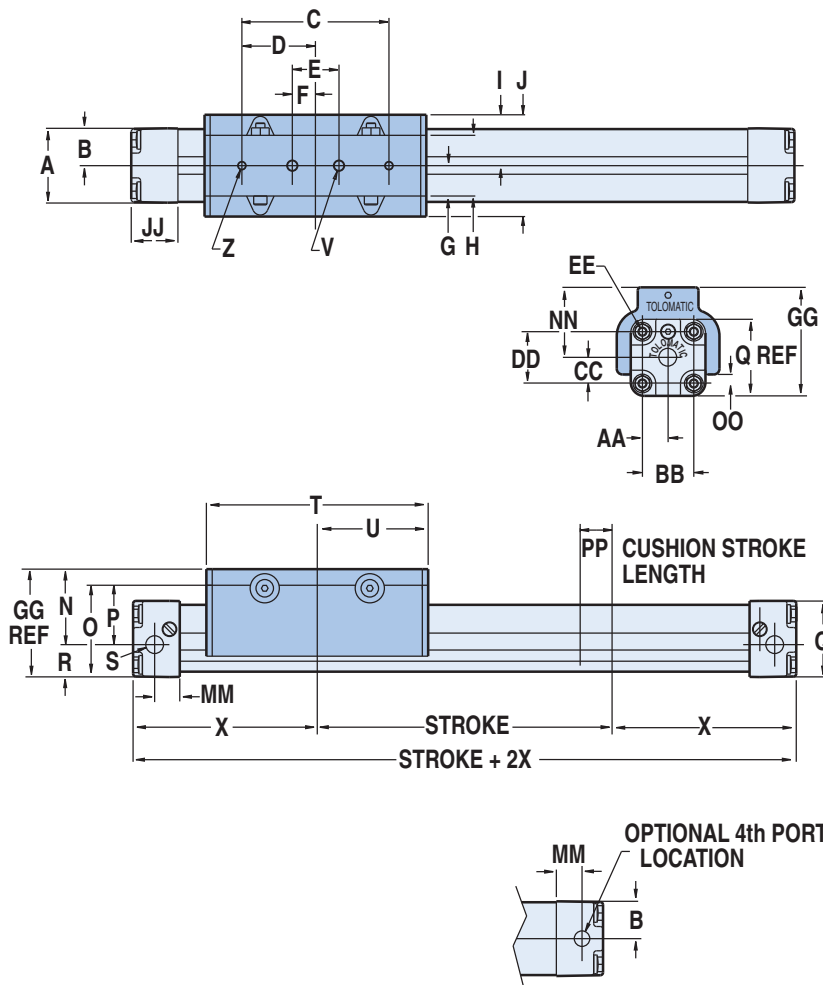
# BC210 Solid Bearing Rodless Cylinder

3D CAD available at  
www.tolomatic.com



Always use configured CAD solid model  
to determine critical dimensions

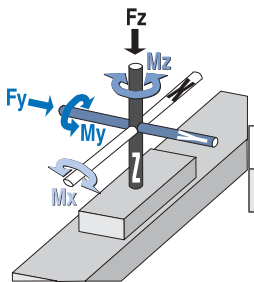
## DIMENSIONS



	U.S. Standard	Metric
A	1.58	40.1
B	0.79	20.1
C	3.15	80.0
D	1.57	40.0
E	1.00	25.4
F	0.50	12.7
G	0.65	16.5
H	1.30	33.0
I	1.09	27.7
J	2.18	55.4
N	1.62	41.2
O	1.88	47.7
P	1.20	30.5
Q	1.64	41.5
R	0.68	17.3
S	1/8 NPT (3)	TP 1/8 BSPT(3) GP 1/8 BSPP(3)
T	4.75	120.7
U	2.37	60.2
V	1/4-20 UNC X .25 DEEP	M6 X 6 DEEP
X	3.94	100.1
Z	10-32 UNC X .25 DEEP	M6 X 6 DEEP
AA	0.55	14.0
BB	1.10	27.9
CC	0.55	14.0
DD	1.10	27.9
EE	10-24 X .43 DEEP	M5 X 11.0 DEEP
GG	2.30	58.4
JJ	1.00	25.4
MM	0.55	14.0
NN	1.50	38.1
OO	0.18	4.7
PP	0.68	17.3
	INCHES	MILLIMETERS

## SPECIFICATIONS

### BC210 BENDING MOMENTS AND LOAD



	BORE SIZE	MAX. BENDING MOMENT			MAX. LOAD
		My	Mx	Mz	Fz
U.S.	1.00 in	100 in-lbs	55 in-lbs	30 in-lbs	60 lbs
Metric	25 mm	11.29 N-m	6.21 N-m	3.39 N-m	27.21 kg

	BORE SIZE	WEIGHT		MAX. STROKE LENGTH*	MAX. PRESSURE	TEMPERATURE RANGE
		BASE	PER UNIT OF STROKE			
U.S.	1.00 in	2.26 lbs	0.14 lbs/in	350 in	100 PSI	20° to 140° F
Metric	25 mm	1.025 kg	0.0024 kg/mm	8890 mm	6.895 bar	-7° to 60° C

**\*For longer strokes, alternate materials, mounting and/or fasteners – consult Tolomatic**