

Conversion from BC410 to MXP25N

Bore Size:

The bore size of the BC410 is 1" [25 mm].
The bore size of the MXP25N is 1" [25 mm].

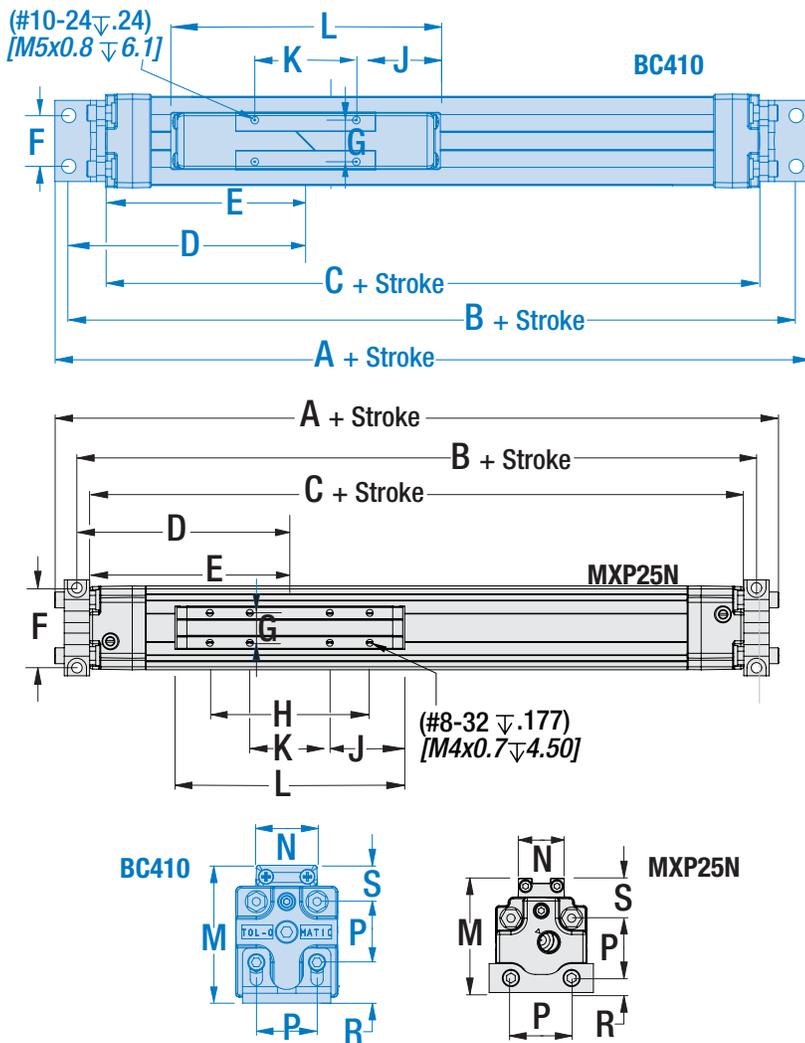
Envelope Size:

With foot mounts, the overall length, height and width of the BC410 is slightly larger than the MXP25N of equal stroke length.

Dead Length:

Dead length is the part of the band cylinder required for mounting and mechanisms. The overall length of a band cylinder is the stroke length plus the dead length ("C" dimension in the table).

The BC410 dead length is 7.878" [200.10 mm] compared to the MXP25N at 7.886" [200.30 mm].



Dimensions in inches

Dimensions in millimeters

	BC410	MXP25N
A	9.878	9.266
B	9.328	8.386
C	7.878	7.886
D	4.664	4.193
E	3.939	3.943
F	1.000	1.575
G	0.822	0.591
H	-	3.150
J	1.500	1.713
K	2.000	1.575
L	5.310	4.449
M	2.501	2.071
N	1.125	0.827
P	1.100	1.100
R	0.741	0.262
S	0.660	0.723

	BC410	MXP25N
A	250.90	235.36
B	236.93	213.00
C	200.10	200.30
D	118.47	106.50
E	100.05	100.15
F	25.40	40.00
G	20.88	15.01
H	-	80.00
J	38.10	43.50
K	50.80	40.00
L	134.87	113.00
M	63.53	52.60
N	28.58	21.00
P	27.94	27.94
R	18.80	6.67
S	16.76	18.36

MOUNTING

Drawing repeated for reference

MOUNTING VIA HEAD BOLTS:

Bolt pattern "P" on the BC410 is 1.10" [27.94mm] square.
Bolt pattern "P" on the MXP25N is 1.10" [27.94mm] square.

CARRIER RELATION TO HEAD BOLT MOUNTING:

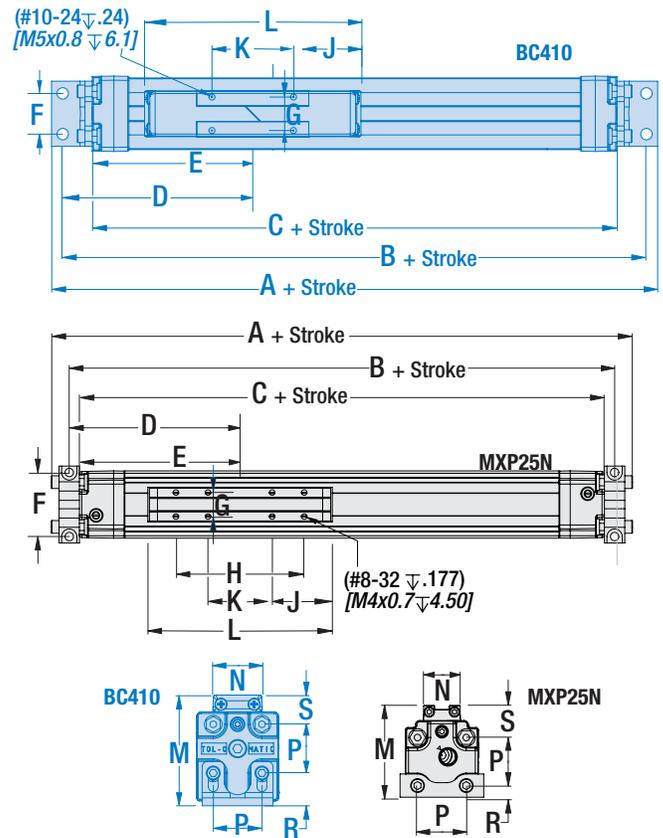
- Distance from the top of the carrier to the center of the top mounting bolts "S" is increased by 0.063" [1.60mm].

MOUNTING VIA FOOT MOUNTS:

- When mounting the BC410 with foot mounts the distance between the mounting brackets "B" is reduced by 0.942" [23.92mm] when using the MXP25N.
- Height of the carrier relative to the bottom of the foot mounts "M" is reduced by 0.43" [10.92mm].

CARRIER:

- Carrier bolt pattern "G" & "K" of the BC410 is not replicated on the MXP25N.
- Carrier length "L" decreases by 0.861" [21.87mm].
- Distance from the center of the carrier to the back edge of the head "E" increased by 0.004" [0.102mm].
- Additional mounting holes "H" are available on the MXP25N.

**ORDERING****SAMPLE CROSSOVER CONFIGURATION:****DISCONTINUED****BC410 NP SK5.000 FM2**

Config. String: BC410 NP SK5.000 FM2

Bore Size: 1.00" [25 mm]

Unit of measure: SK (inches)

Stroke length 5.000 in

FM: Foot mount for actuator mounting,
Quantity: 2**NEW****MXP25N NP SK5.000 FM2**

Config. String: MXP25N NP SK5.000 FM2

Bore Size: 1.00" [25 mm]

Unit of measure: SK (inches)

Stroke length 5.000 in

FM: Foot mount for actuator mounting,
Quantity: 2

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3800 County Road 116, Hamel, MN 55340 USA

http://www.tolomatic.com • Email: Help@Tolomatic.com

Phone: (763) 478-8000 • Fax: (763) 478-8080 • Toll Free: 1-800-328-2174

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