Lehigh Fluid Power
Green Series Cylinder

Rod End *Dual-Max* Installation

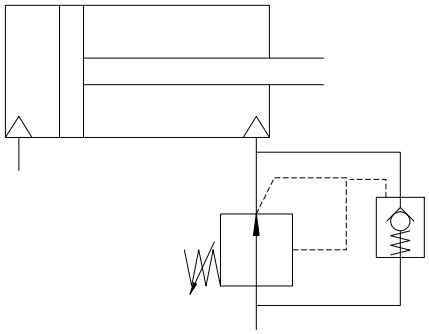


Fig. A

Cap End *Dual-Max* Installation

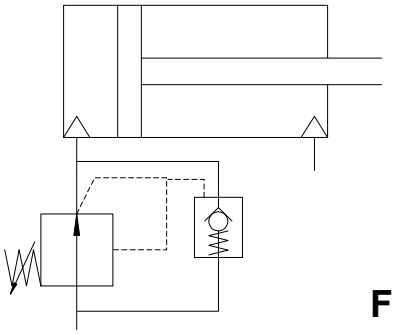


Fig. B

Technical Summary

Lehigh Fluid Power's JHDG **Green** series pneumatic cylinder maximizes the mean time between failures while reducing compressed air consumption which lowers energy costs and minimizes total cost of ownership.

Air consumption & energy costs are reduced by minimizing the pressure in the cylinder on the stroke not requiring full force through the use of Lehigh's *Dual-Max Regulator.*

Lehigh's use of ILCN seals in conjunction with the unique Miracalube piston design extends the MTBF rate and increases the life expectancy of the cylinder.

Rod end mounted *Dual-Max Regulator*

Reduces cylinder force and air consumption in the retract direction (Fig. A).

Cap end mounted *Dual-Max Regulator*

Reduces cylinder force and air consumption in the extend direction (Fig. B).

1 ½" - 2 ½" bore cylinders include a Size 1 *Dual-Max Regulator*.

3 ¼" + bore cylinders include a Size 2 *Dual-Max Regulator*.

Dual-Max Regulators are mounted inline on the rod or cap end or included with the cylinder but not mounted.

Dimensions Printed In Figs. C & D

Easy To Order + Easy To Install

Just Determine Your Required….
- Bore
- Stroke
- Rod Diameter
- Rod End Style
- Cushions
- Mounting Style
- Regulator Location & Position
- Other Cylinder Options

Complete Order Instructions On Reverse Side

LEHIGH FLUID POWER, INC.

Pneumatic & Hydraulic Cylinders
Standard – Custom – Brass – Steel – Stainless

800-257-9515 LehighFluidPower.com/**Green**

JHDG
Green Series

Green Series
Pneumatic Cylinder Ordering Code

G	25	S	14	50	A	B	8F	1

Bore
For 1 1/2" use 15
2" use 20
2 ½" use 25
3 ¼" use 32
4" use 40
5" use 50
6" use 60

Rod Dia
For Standard use S
For 1st Oversize use 1
For 2nd Oversize use 2
For 3rd Oversize use 3

Stroke
In Whole Inches

Stroke
In 0.01 Inch Increments

Cushions
Both Ends use B
Cap End use R
Rod End use F
No Cushions use N

Rod End Style
For Small Male use A
Female use B
Full Male use C
Intermediate Male use D

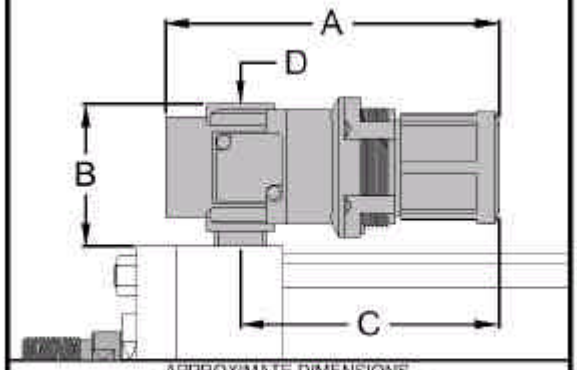
Dual-Max Regulator Location
Inline Rod End use 1
Inline Cap End use 3
Not Mounted use 5

Mounting Styles

MX0 use 01	MS1 use 05	MP2 use 8D	MNR1 use 10	MT4 use 14
MX1 use 02	MF1 use 06	MP3 use 8M	MS2 use 11	MS7 use 15
MX2 use 03	MF2 use 07	MP5 use 8S	MT2 use 12	MF5 use 16
MX3 use 04	MP1 use 8F	MS4 use 09	MT1 use 13	MF6 use 17

Cylinder Designation of Sample Code Above
JHDG Series Air Cyl – 2 ½" Bore – 5/8" Dia. Rod – 14 1/2" Stroke – 7/16-20 Male Thread – MP1 Mount – Cushioned Both Ends – Inline Rod End Regulator

Fig. C - ROD END

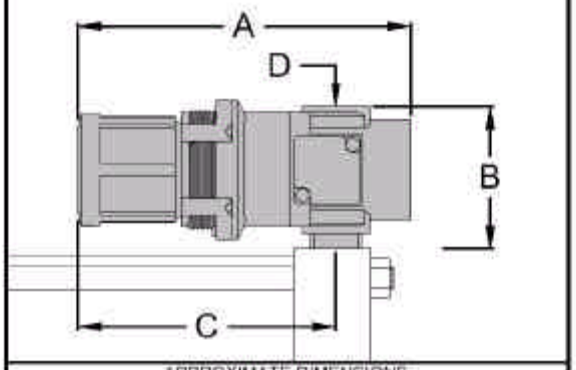


APPROXIMATE DIMENSIONS

	A	B	C	D
Size 1	5.45"	2.34"	4.23"	3/8" NPT
Size 2	5.93"	3.00"	4.50"	1/2" NPT

For #16 Mounting Dimensions - Consult Factory

Fig. D - CAP END



APPROXIMATE DIMENSIONS

	A	B	C	D
Size 1	5.45"	2.34"	4.23"	3/8" NPT
Size 2	5.93"	3.00"	4.50"	1/2" NPT

For #17 Mounting Dimensions - Consult Factory

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