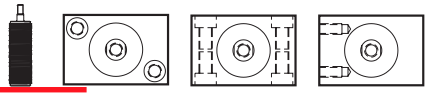
# Styles

*Icon shown on top of each dimensional page*



## Rectangle - End Mount

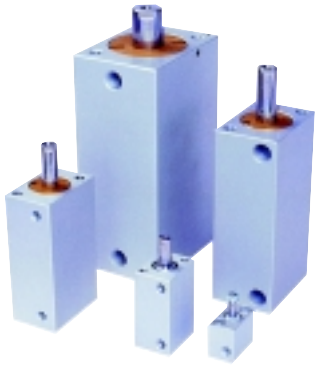
**Non Magnetic Piston**

*Ordering Prefix* **WS**

**Magnetic Piston**

*Ordering Prefix* **AWS**

**Sensors Sold Separately**
Flip to our Comtronic® Limit Sensor catalog.



## Base - Side Mount

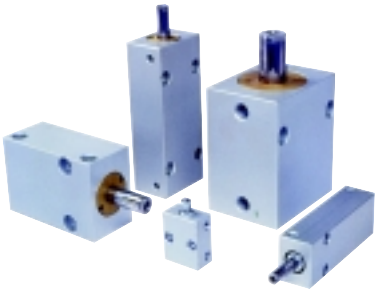
**Non Magnetic Piston**

*Ordering Prefix* **WB**

**Magnetic Piston**

*Ordering Prefix* **AWB**

**Sensors Sold Separately**
Flip to our Comtronic® Limit Sensor catalog.



## Thin - Side Mount

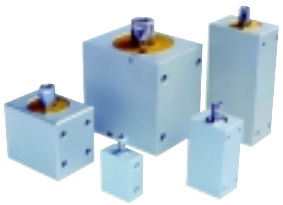
**Non Magnetic Piston**

*Ordering Prefix* **WT**

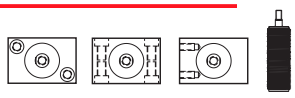
**Magnetic Piston**

*Ordering Prefix* **AWT**

**Sensors Sold Separately**
Flip to our Comtronic® Limit Sensor catalog.



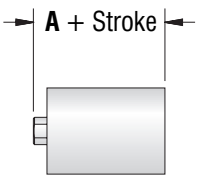
## Envelope Dimensions

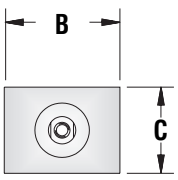


First Angle Projection

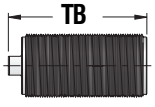
SINGLE ACTING
**TB Series**
THREADED BODY

| Compact® Metric Cylinders | | | | | |
|---|---|---|---|---|---|
| | A | | | B | C |
| Bore | Standard | Intermediate | Heavy | | |
| 8 | 16 | 21 | 26 | 23 | 13 |
| 12 | 19 | 24 | 29 | 25,5 | 19 |
| 20 | 23 | 28 | 33 | 39 | 26 |
| 25 | 23 | 28 | 33 | 47 | 33 |
| 40 | 31 | 36 | 41 | 65 | 49 |




| Threaded Body | | |
|---|---|---|
| Bore | Stroke | TB |
| 8 | 2,5 - 5 | 36 |
| | 7,5 - 20 | 46 |
| 12 | 2,5 - 10 | 39 |
| | 12,5 - 25 | 64 |
| 16 | 2,5 - 15 | 50 |
| | 17,5 - 25 | 65 |






COMPACT AIR PRODUCTS
An SMC Company
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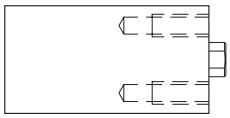
## Mounting Options

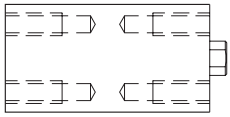
**"S" Style** - end mount - cylinders have one or more of the following patterns as standard.
**Each dimensional page lists standard and optional mounting suffix codes.**

**Threads Front**
Standard on all cylinders.



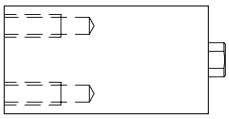
Tapped mounting holes on the rod end

✪ **Threads Both Ends**
*Ordering Suffix* **TBE**



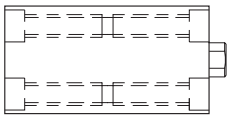
Tapped mounting holes on both ends

✪ **Threads Rear**
*Ordering Suffix* **TR**



Tapped mounting holes opposite the rod end

✪ **Thru Mount***
*Ordering Suffix* **TM**



Counterbored mounting holes, both ends, for drop through bolt

*Available on strokes in table at right

✪ Non magnetic piston cylinders: When 'TR' is specified or when using 'Bolt On Hardware' options, the cylinder may be reverse assembled, see 'Technical Data' section for detailed explanation. To avoid changing port orientation, specify suffix: "TBE or TM".

**Maximum Stroke Lengths for Thru Mount Option**

| Style | Bore | | | | |
|---|---|---|---|---|---|
| | 8 | 12 | 20 | 25 | 40 |
| WS | 25 | 25 | 50 | 50 | 50 |
| WSHH | 20 | 20 | 45 | 45 | 45 |
| WSFH | 15 | 15 | 40 | 40 | 40 |
| AWS | 15 | 15 | 40 | 45 | 45 |
| AWSHH | 10 | 10 | 35 | 40 | 40 |
| AWSFH | 5 | 5 | 30 | 35 | 35 |