

Standard Features:

- Heavy duty construction for long life
- Rod Clevis for easy connection to an overhead jib or bridge crane
- Safety swivel hook mounted on lower clevis (standard)
- Does not require air lubricator
- Cylinder allows for rotation around its vertical axis
- Pistol grip metering valve control for vertical lift

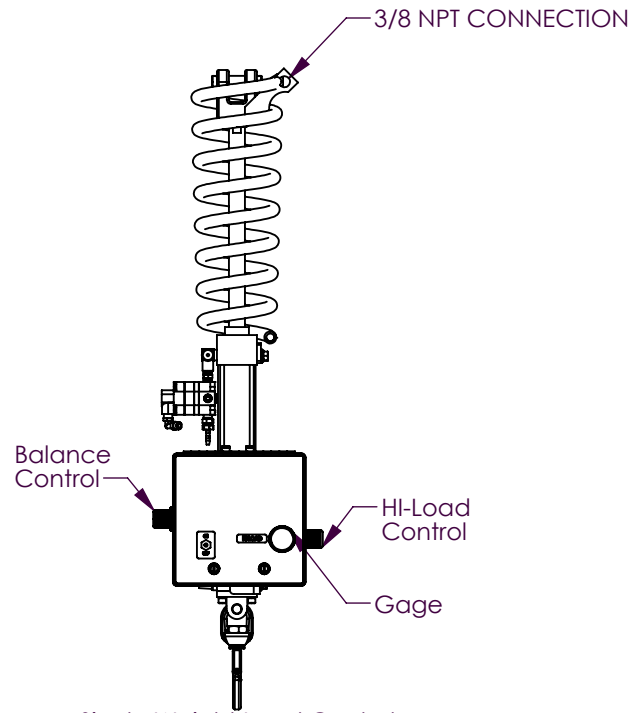
Available Options:

- Automatic Weight-Sensing and Balancing Control Circuit automatically makes multiple adjustments for handling many weights (AL-180 and AL-300)
- Lower controls can be disconnected and mounted on an end-effector
- Mounting Options: Single arm jib crane, articulated jib crane or overhead bridge crane
- Multiple end-effectors for various applications

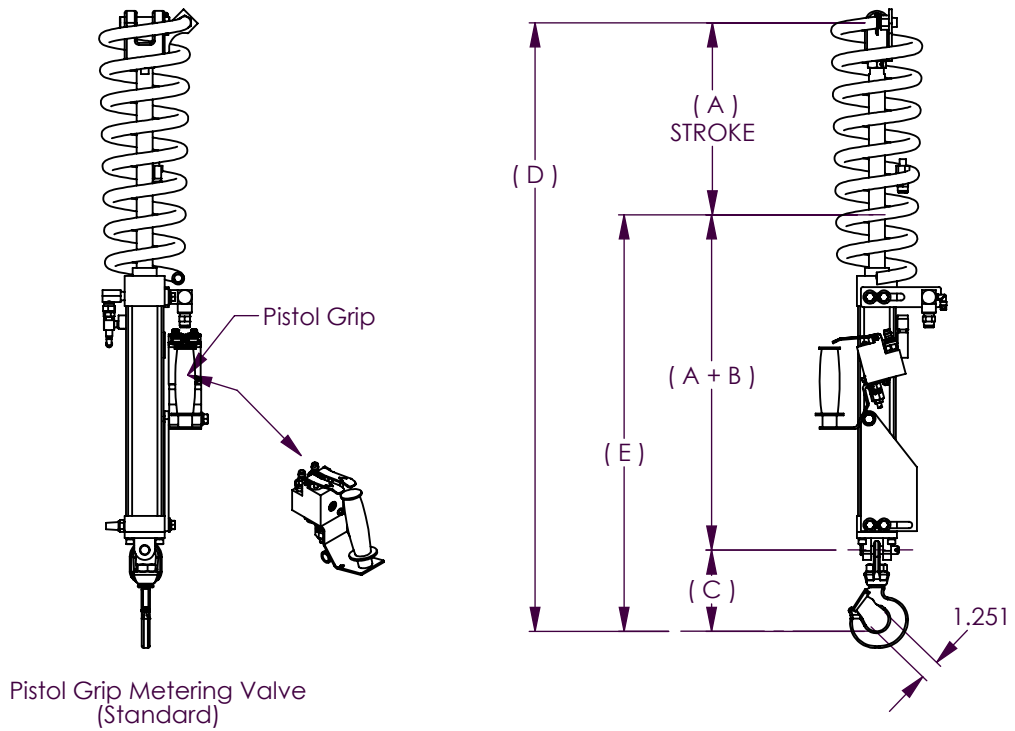
| Model | Capacity* (lbs) | Bore (inches) | Diameter (inches) | (B) (inches) | (C) (inches) | SCFM** |
|-----------|-----------------|---------------|-------------------|----------------|----------------|--------|
| AL - 180 | 180 | 2.0 | 1.0 | 8.8 | 4.22 | 5.0 |
| AL - 300 | 300 | 2.5 | 1.0 | 9.1 | 4.16 | 8.0 |
| AL - 600 | 600 | 4.0 | 1.4 | 11.1 | 4.09 | 20.0 |
| AL - 800 | 800 | 5.0 | 1.6 | 9.0 | 4.84 | 32.0 |
| AL - 1000 | 1000 | 5.0 | 1.6 | 9.4 | 6.20 | 32.0 |

| | |
|-----|-------------------------|
| A = | Stroke or Vertical Lift |
| D = | 2A+B+C Extended Length |
| E = | A+B+C Collapsed Length |

* Requires 100 psi (120 psi max) clean, dry air to operate at rated capacity, includes payload and end-effector
 ** Add SCFM consumed by any additional pneumatic equipment
 Stroke available in 12", 24", 36", 48", and 60"



Single Weight Load Control



| | | | |
|---|-----------------------------------|-----------------|-------|
| UNLESS OTHERWISE SPECIFIED | | | |
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| .X ± .1 | BREAK ALL SHARP EDGES TO .005 MAX | | |
| .XX ± .03 | DWG | WGT: 23.360 LBS | MATL: |
| .XXX ± .005 | SIZE: | SIM TO: | MQTY: |
| 1/X ± 1/32 | PARTS TO BE MFG TO QWI-75-15 | | |
| ANGLE ± .5° | MATL DESC: | | |
| WELD + 1/8 | | | |
| - 0 | | | |



| | | | |
|-----------------|-----------------|-------------------|------|
| AIRLIFT | | | |
| SCALE: 1:12 | DATE: 13AUG2003 | DRAWN BY: BEN/DWB | |
| CLASS CODE: 750 | DWG NO: | SHT: 1 of 1 | REV: |