1. NEUTRAL POSITION SHOWN
2. SPRING PRELOAD = 32 LBS
3. MIN. EXTENSION FORCE @ 100 PSI AT FULL STROKE = 80 LBS
4. MIN. RETRACT FORCE @ 100 PSI AT FULL STROKE = 50 LBS

1 4129 CYLINDER BODY C-3527-DM 1
2 4054 PISTON, GRESEN V-20 1
3 3638 SPACER 1 3/8 ALUM RD 1
4 3639 FLANGE BUSHING 1
5 4055 STOP 3/4 ALUM RD 1
6 4056 SEAL RING 1
7 3635 SPG 1.04 ID 1.24 OD 1.87 LG 1
8 3643 CAPSCEW SKT HD 1/4-20 1 1/4 2
9 1369 O-RING 2-026 1 3/8 OD 1 1/4 ID 1
10 3379 O-RING 2-024 1 1/4 OD 1 1/8 ID 1
11 4029 QUADRING 4-214 1 1/4 OD 1 1/1D 1
1. Neutral position shown
2. Spring preload = 32 lbs
3. Min. extension force @ 100 psi at full stroke = 80 lbs
4. Min. retract force @ 100 psi at full stroke = 50 lbs

Do not scale drawing

Type of Projection
Third Angle Projection

Proprietary and Confidential
The information contained in this drawing is the sole property of APSCO Inc. Any reproduction in part or as a whole without written permission of APSCO Inc. is prohibited.

Dimensions are in inches
Tolerances are:

- X = ± .03
- X.X = ± .010
- X.X.X = ± .005
- Fraction = ± .016
- Angles = ± 10°

Surface texture or better

Title: Air Act for V20 Alt
Hyd Val

Drawn: Jumper
Date: 06/26/2012
Class: CYL

Revisions
ECR REV DESCRIPTION DATE APPROVED
E1759 - See Sheet1 06/26/2012 JUMPER