

**VALVE APPLICATION & FUNCTION**

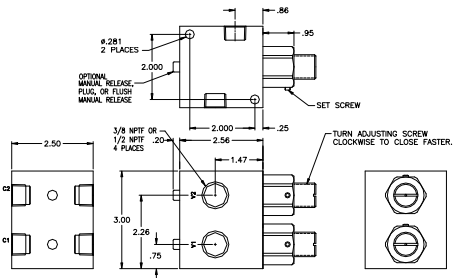
* Internal flow controls meter air out of the cylinder
* Dual valves perform the work of two PO check valves, but in one valve package, eliminating pilot lines
* Maintains cylinder position by locking air in cylinder
* Cross-ported to allow the valve to open when the control valve changes direction
* Work well in either vertical or horizontal applications ensuring precise stopping on machines with rollers or slides and eliminates some bounce
* Improves bounce vs. a single PO check since the valve checks in both directions

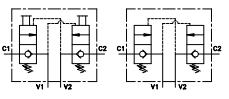
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| --- | --- | --- | --- |
| **TECHNICAL DATA** | | | |
| *Part Number:* | D8C00AD | D8C0MAD | D8CFMAD |
| *Button Type:* | None | Standard | Flush |
| *Port Sizes:* | 1/2” NPTF IN/OUT | | |
| *Pilot Port:* | None | | |
| *Max. Pressure:* | 120 psi | | |
| *Min. Pilot Pressure:* | 40 psi | | |
| *Leak Rate:* | .0000522 cc/min | | |
| *Temp. Range:* | 30° - 150° F | | |
| *Cycle Rate:* | 1 cyc./sec. max. | | |
| *Flow Capacity:* | 3.8 (Cv) | | |
| *Cracking Press:* | 1-2 psi | | |
| *Service:* | Filtered dry air or lubricated air | | |

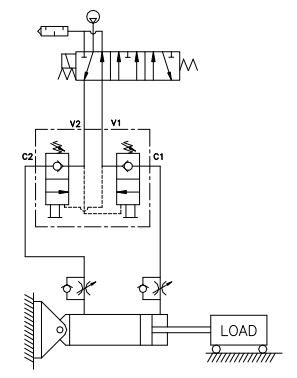
For high temp seals *(30*°*-350*° *F)* add (-V) to the model

For low temp seals *(-40*°*-150*° *F)* add (-T40) to the model

For a lower pilot pressure add (-K18) (ex. D8CXXAD-K18)







|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Turns*** | *.25* | *.50* | *.75* | *1.0* | *1.25* | *1.5* |
| ***Equivalent Dia. (in)*** | *.15* | *.21* | *.26* | *.30* | *.34* | *.37* |
| ***Turns*** | *1.75* | *2.00* | *2.25* | *2.50* | *2.75* |  |
| ***Equivalent Dia. (in)*** | *.40* | *.43* | *.45* | *.48* | *.50* |  |