

# DAPCO®

Non-Rotating Metric Air Cylinder

50 mm Bore

**NEW!**

- **OVERSIZED, NON-ROTATING ROD**
- **ADJUSTABLE CUSHIONING**
- **DOUBLE ACTING PORTS ON BOTH ENDS**



# Non-Rotating Metric Air Cylinder

# DADCO®

DADCO's Special Non-Rotating Metric Air Cylinder is an extension of the ISO HP Standard Air Cylinder line designed to better meet unique customer applications.

DADCO's Special Non-Rotating Cylinder offers dual port capabilities, enabling customers to achieve both the advance and return stroke through connection to just one head. Its oversized rod adds strength while the square shape prevents rotation. This special HP Square Rod Cylinder is supplied with adjustable cushioning on both ends as standard to suit specific deceleration requirements.

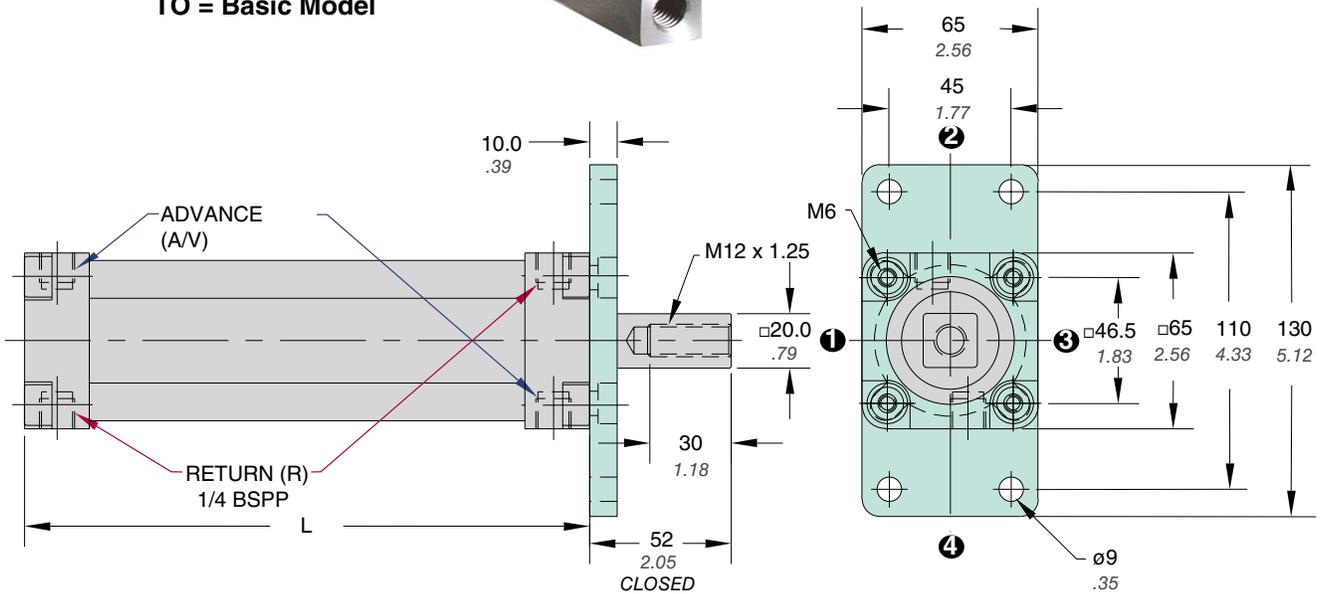


**TO = Basic Model**

## Operating Specifications

Medium:	Air
Temperature:	-20° – +80°C (-4° – +176°F)
Maximum speed:	0.2 m/sec. (0.66 ft/sec.)
Max. working pressure:	10 bar (140 psi)
Push Force* at 5.5 bar (80 psi):	1080 N (243 lb)
Pull Force* at 5.5 bar (80 psi):	860 N (194 lb)

\*Theoretical



Part No.	L
HP.S.50.050	211
HP.S.50.080	241
HP.S.50.100	261
HP.S.50.125	286
HP.S.50.160	321
HP.S.50.200	361

## Ordering Example:

**HP.S. 50.100. P.1. TO**

**Part No.** \_\_\_\_\_  
Includes bore and stroke length.

**Port Location** \_\_\_\_\_  
P.1 = Ports 1 & 3 (Standard)  
P.2 = Ports 2 & 4

## Mount Option

TO=Basic Model  
T2R=Rectangular Flange – Front Mounted  
T3R=Rectangular Flange – Rear Mounted  
When not specified, default is TO. *Mount ordered with cylinder will be attached at the factory.* **Mount Only Example:** 50T2R

**Seal Kit:** IR007705