

Series 86D Product Overview

Pneumatic pin packages, double design

Models: **86D60-1**

Application:

- Accurate positioning of sheet metal parts in welding environments and handling systems without rotation.
- At the end of the process, the pins are retracted from the holes so the part can be removed.

Key areas of application:

Automotive manufacturing, sheet processing industry, jig and general mechanical engineering.



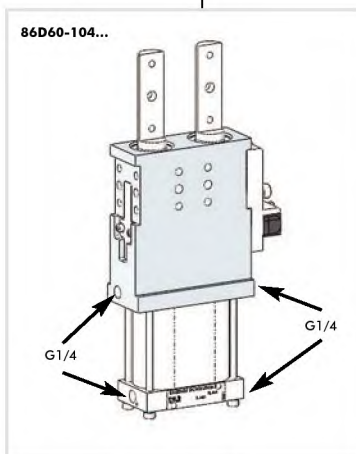
86D60-1
with sensing

Series 86D Technical Information

Model	Pushing force at 5 bar N [lbs]	Retraction force at 5 bar N [lbs]	Max. Operating Pressure bar [psi]	Piston Ø mm [in]	Stroke mm [in]	Weight Kg [lbs]	Air consumption per double stroke at 5 bar dm ³ [ft ³]
86D60-104**00A	1500 [377]	1100 [247]	6 [87]	63 [2.48]	40 [1.57]	3,8 [8.36]	1,4 [0.06]
86D60-104**00B					20 [0.79]	4 [8.80]	0,8 [0.03]
86D60-104**00C					60 [2.36]	4,1 [9.02]	2 [0.08]

Order no. code for **86D60...**

Example Model no.: **86D60 - 1 04 D8 00 A - K** — K = ceramic coated pin



Base model

04 = Piston rod NAAMS standard

Piston rod adaptor

L6 = Cover plate (without sensing system) 86D0-100L6
Mountable both sides

C8 = Sensing system 86D0-100C8
Mountable both sides.

D8 = Sensing system 86D0-100D8
Mountable both sides.

Inductive sensing system

00 = without Accessories

Accessories

Stroke Limitation

A = 40 mm stroke
86D0-1000000A

B = 20 mm stroke
86D0-1000000B

C = 60 mm stroke
86D0-1000000C