AMWPD-W

PNEUMATIC PULL CLAMPS

R⇔₩S

IMAO



Part Number	d (F7)	D2	H (±0.01)	D	Hı	D1 (g6)	H4	H2	Dp *)	М	H₃	H₅
AMWPD40-W	8	40	40	75	38	50	15	30	63	M5×0.8	26	6
AMWPD63-W	12	63	50	105	47	75	19	35	88	Rc ¹ /8	31	10

Part Number	Furnished O-ring	Operating Air Pressure (MPa)	Clamping Force (kN) **)	Weight (kg)
AMWPD40-W	D4	00.10	1	1.3
AMWPD63-W	P4	0.3~1.0	2.5	3.2

*) The dimensions above are for ports with o-ring.

**) The clamping forces above are at 0.5 MPa.

Feature

■High Clamping Force

 Wedge mechanism increases clamping force to 200% compared to the air cylinder of the same size.
When the air pressure is lowered by such as an air leakage, wedge mechanism prevents prompt lowering of the clamping force. Clamping Force at 0 Mpa Air Pressure (by spring force)

·AMWPD40-W···160N



Technical Information

Allowable Counterforce (Per Clamp)

Part Number	Max. load(N)		
AMWPD40-W			
AMWPD63-W	Clamping force × 2		

Related Product

- ·AMWPD-X CLAMPING PINS
- ·AMWPD-M CLAMPING SCREWS

🖌 Note

- Use clean air by removing dust with filter or draining with dryer.
- Impure compressed air may cause malfunction of the products.
- ·Using lubricator is recommended.

■Checking Hole

Can check if the workpiece is clamped properly by applying air through the checking hole.



Performance Curve



How To Use

- ■How to Locate Workpiece
 - 1. Basic Method



2. Method for clamping and locating at a time Locating Accuracy ± 0.08



How to Install

1.With Side Ports

- ·Attach the furnished o-rings to the bottom ports.
- ·Plate surface must be flat($\stackrel{6.3}{\searrow}$)to get the bottom ports sealed up.
- ·Check if there is no air leakage from the area of the bottom ports.



2.With Bottom Ports

- ·Attach the furnished o-rings to the bottom ports.
- •Plate surface must be flat $(\frac{63}{\sqrt{}})$ to get the bottom ports sealed up.
- •Refer to the figure below for the hole details.

AMWPD40-W

 $\cdot \ensuremath{\mathsf{Ensure}}$ that the furnished air block plugs are attached to the side ports.



AMWPD63-W