

variables/V-color

Magnetic Tool | FA Series | FA76



Feature

FA76

Weight	2.10 kg
Working Load ²	256.00 kg
Optimal material thickness	10.00 mm
Max shear	25.60 kg
Overall Height	122.00 mm
Magnetic pole footprint	76 mm

¹ Safety factor 2:1

² Safety factor 4:1

Notice : The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

Fluxus FA Series: Magnetic Power for Your Automation!

The FA76 is a pneumatic magnetic gripper from the FA series by Fluxus, designed for industrial automation. It utilizes magnetic switching technology activated by compressed air, allowing for rapid activation and deactivation of the magnetic field to safely handle ferritic steel parts. The FA76 is available in multiple pole configurations, including flat, V-shaped, pin-type, or blank versions, and offers PNP, NPN, or sensorless options. This flexibility makes it suitable for various applications such as pick and place, bin picking, transfer in stamping presses, automotive body assembly, and transmission component handling. The FA76 helps

reduce the size and weight of robotic end-effectors, shortens cycle times, and enhances safety, while offering new possibilities for automated manufacturing processes.



Advantages

- Pneumatic magnetic switching for shorter cycles.
- Reduces the weight of end-effectors and improves maneuverability.
- Prevents drops and ensures reliable holding of metallic parts.



Benefits

- Limited maintenance costs
- Limited peripheral equipment costs
- Very low power consumption
- Reduced cycle time
- Controlled integration costs



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