

variables/V-color

Magnetic Tool | J Series | J50





Feature

J50

| | |
|-----------------------------------|-----------|
| Weight | 3.10 kg |
| Max Breakaway ¹ | 229.70 kg |
| Working Load ² | 57.50 kg |
| Optimal material thickness | 12.70 mm |
| Max shear | 75.00 kg |
| Overall Height | 165.80 mm |
| Magnetic pole footprint | 82x52 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.

Integrated Sensors, Enhanced Feedback, Part Differentiation and Detection

SMART embadded technology allow handling double blank detection at an affordable cost and without clunky external sensors. Calibrate tool to confirm correct part present or identify dangling components via pole contact detection.



Advantages



Benefits

In addition to all AR series advantages :

- Eliminates the need for additional sensors
- Field calibration enables user to configure tools for specific applications
- Ability to store multiple calibrations
- Improved pole shoe mounting
- Repeatable NAAMS mounting
- Great for bin picking applications and any process requiring correct part verification.
- Limited maintenance costs
- Limited peripheral equipment costs
- Reduced cycle time
- Controlled integration costs



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