

▶ MAGNETIC TESTING PRODUCT RANGE

▶ PERMANENT MAGNETIC YOKE - PERMAYOKE

▶ MGN-PY-A20

FLYING VISION

PRESENTATION



MGN-PY-A20 – Permanent Magnetic Yoke – PERMAYOKE A20

Our permanent magnetic yoke, PERMAYOKE A20, is designed for magnetic particle inspection in hard-to-access areas, where the use of electromagnetic yokes is impractical or forbidden, for example for safety reasons.

Its articulated and foldable yoke arms allow easy positioning on flat or curved surfaces while remaining compact for transport and storage. The robust mechanical design and ergonomic handle ensure comfortable handling while delivering the performance required for standard magnetic particle inspection work in both field and workshop conditions.

FEATURES

Foldable design



- Foldable yoke arms
- Compact storage configuration
- Easy transport

Articulated poles



- Articulated poles
- Free alignment on flat and curved surfaces
- Improved contact on complex geometries

Ergonomics & durability



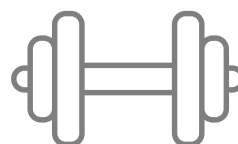
- Ergonomic handle design
- Comfortable one-hand operation
- Robust materials for long service life

Standard compliance



- Standard compliance:
- ASTM E709 / E1444
 - ASME Section V, Article 7
 - MIL-STD-1949A
 - Other MPI standards

Lifting force



Lifting force \geq 22.7 kg (50 lb)
Factory-verified

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TECHNICAL DATA

Magnetic system

Type	Permanent magnet yoke
Magnetic circuit	Articulated yoke arms

Lifting force

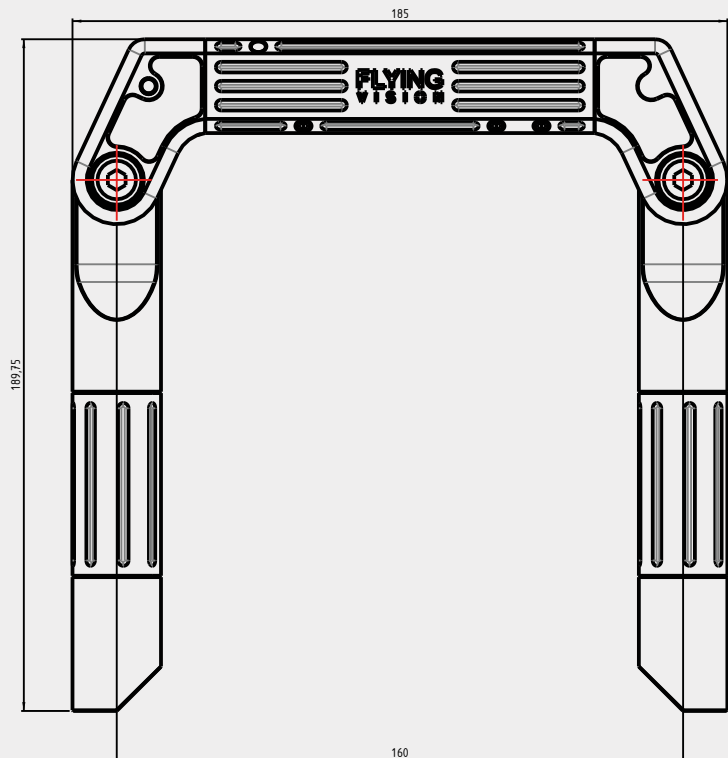
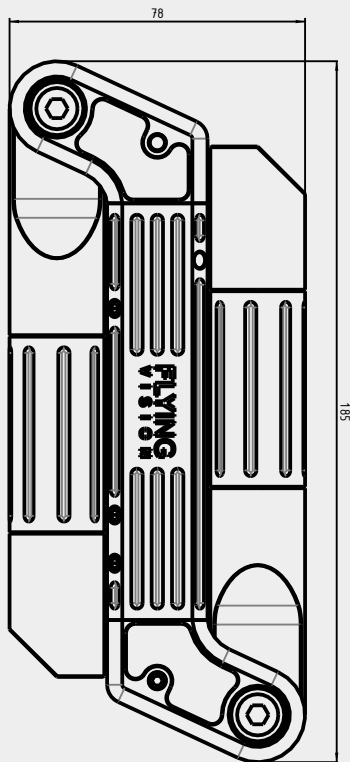
Lifting force	≥22.7 Kg (50 lbs) Lifting force verified at a pole face separation of 150 mm (<i>flat configuration</i>)
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Pole configuration

Pole diameter	Ø25mm
Pole spacing	center-to-center distance of 160mm (<i>flat configuration</i>)

Mechanical data

Weight	1.6Kg
Overall dimensions (folded)	185 × 78 × 26.5 mm
Overall dimensions (unfolded)	185 × 190 × 26.5 mm (<i>poles normal to the surface</i>)
Materials	Anodized aluminum, magnetic stainless steel



Important notice

Magnetic particle inspection performance depends on material properties, surface condition, geometry and inspection procedure. Field sensitivity must be verified by the operator in accordance with applicable standards.