MAGNETIC TESTING PRODUCT RANGE

PERMANENT MAGNETIC YOKE - PERMAYOKE

MGN-PY-A10

FLYING VISION

PRESENTATION

MGN-PY-A10 – Cable-Connected Permanent Magnetic Yoke - PERMAYOKE A10

Our cable-connected permanent yoke, PERMAYOKE A10, was developed to respond to the constraints of restricted and complex inspection configurations.

It combines a very compact footprint with a pivoting magnetic circuit ball joint, allowing the magnetic poles to align naturally with complex geometries without cable interference or parasitic forces. This design improves handling and ergonomics while maintaining the performance required for standard magnetic particle inspection work.

FEATURES

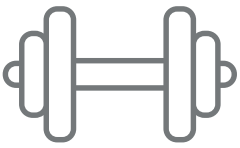
- Pivoting magnetic cable (ball joint)
- No cable-induced interference
- Free pole alignment in complex configurations

- Compact and ergonomic design
- Comfortable handling
- Durable 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 ≥ 22.7 kg (50 lb)
Factory-verified

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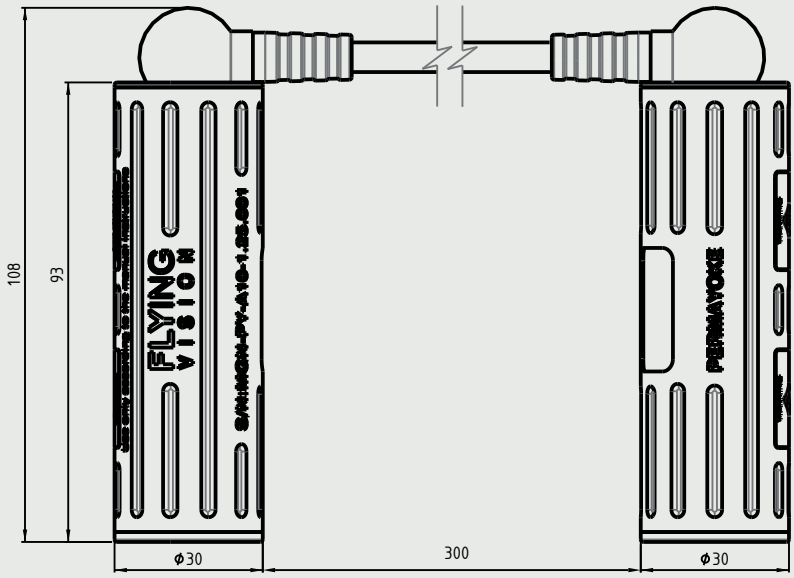
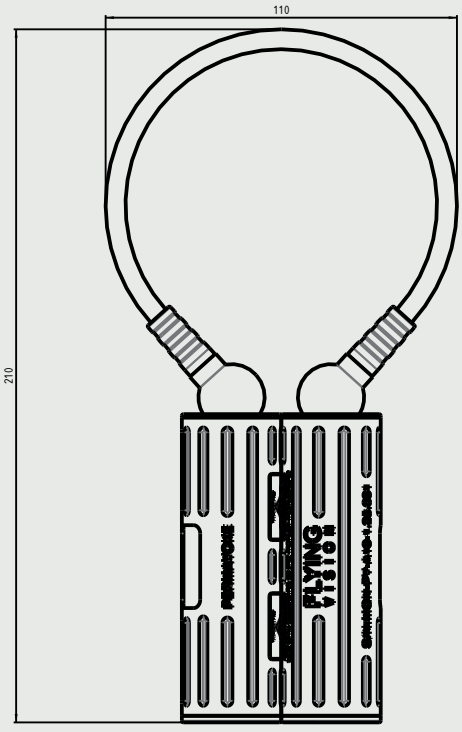
TECHNICAL DATA

Magnetic system	
Type	Permanent magnet yoke
Magnetic circuit	Dual pole assemblies connected by a flexible magnetic cable
Lifting force	≥22.7 Kg (50 lbs) Lifting force verified at a pole face separation of 150 mm *(flat configuration)*
Pole configuration	
Pole diameter	Ø30mm
Pole height	93mm
Maximum pole spacing	300mm *(flat configuration)*
Flux connection	
Flux connection cable	Flexible magnetic connection
Flux connection cable length	Nominal center-to-center 330 mm
Cable articulation	Multi-axis (ball joint)
Mechanical data	
Weight	0.8Kg
Total pole assembly height	108 mm *(including ball joint)*
Storage dimensions	110 ×210 × 30 mm
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.