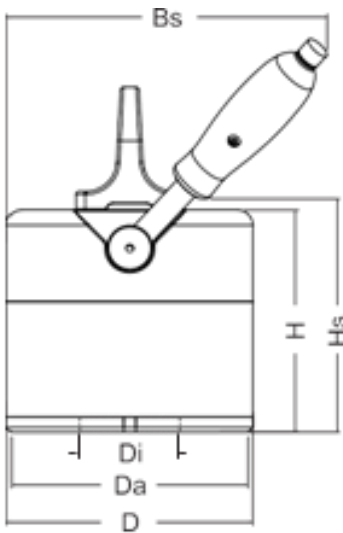


Circular Permanent Lifting Magnets

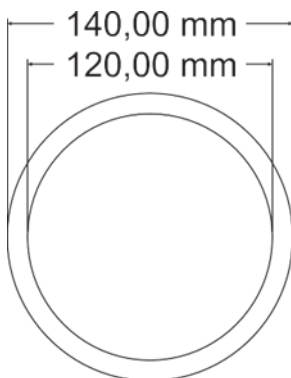
Intended Use:

The FX-C magnets have a round, multi pole clamping surface. This magnet is designed for lifting rings, sleeves bearing housings, flange plates and similar work pieces.

The load specification applies to full surface contact with work pieces which overlap D inside and outside D (see table dimensions) for workpieces with a smaller contact surface, approx. 3.5 kg max. Calculate workpiece weight per cm² clamping surface. For serial workpieces, a documented test should then confirm safety factor 3.



Calculation example:



Footprint of the rings: 40cm²

40 cm² x 3.5kg/cm² = 140kg

Model	D (mm)	Da-Di (mm)	H (mm)	Hs (mm)	Bs (mm)	Material thickness (mm)	Max Load capacity (kg)	Max Load cm ²	Unit weight (kg)
FXC 175	120	114-40	130	138	185	10	175	3.5	10
FXC 250	160	152-65	145	153	210	12	250	3.5	14
FXC 450	250	240-100	155	168	275	15	450	3.5	23

The advantages of magnetic handling:

- Considerable saving in time and money
- One man operation
- More effective use of floor space
- No workpiece damage
- Improved labour conditions

Why a LHS product

- Longest experience in the magnetic market
- State of the art designs
- Proven reliability
- Leading in safety (CE certifications)
- Guaranteed performance (Test certificate)
- European manufacture

