

## Datasheet

### Electro-Holding Magnet

RS Stock number 791-7567



#### Description

Mountings: Threaded holes in rear face

Finish: Bright nickel plated with machined face

Product weight: 1.203kg

#### Technical Data

Typical holding force: 2000N

εD rating: 100%

IP Rating: 54

Standard operating voltage: 12VDC 7917558

24VDC 7917567

Current: 12V - 210mA

24V - 100mA

Power consumption: 13.3W

#### Connection type

12VDC and 24VDC Two-pole connector

**Recommended armature plate**

Finish: Bright nickel plated

Diameter: 80mm

Part No. 7393214

Weight: 400g



**Pull gaps**

Air gap (mm)	Magnetic Pull* (N)
0.00	2000.0
0.09	1560.0
0.18	1117.0
0.27	715.0
0.36	567.0
0.59	283.0
1.00	130.0

\* +/- 10%

To achieve the optimum pull force 100% contact area must be achieved using the recommended armature plate. The force will be affected if other material specifications, thicknesses and surfaces are used, or if the armature fails to make positive contact over the full diameter of the face of the magnet. Where misalignment is likely to be an issue we recommend that an oversized armature plate is used to ensure 100% full contact, this however will reduce the stated pull force by approximately 10%.

**Dimensions**

