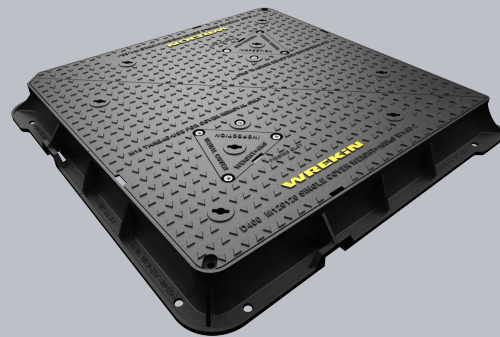
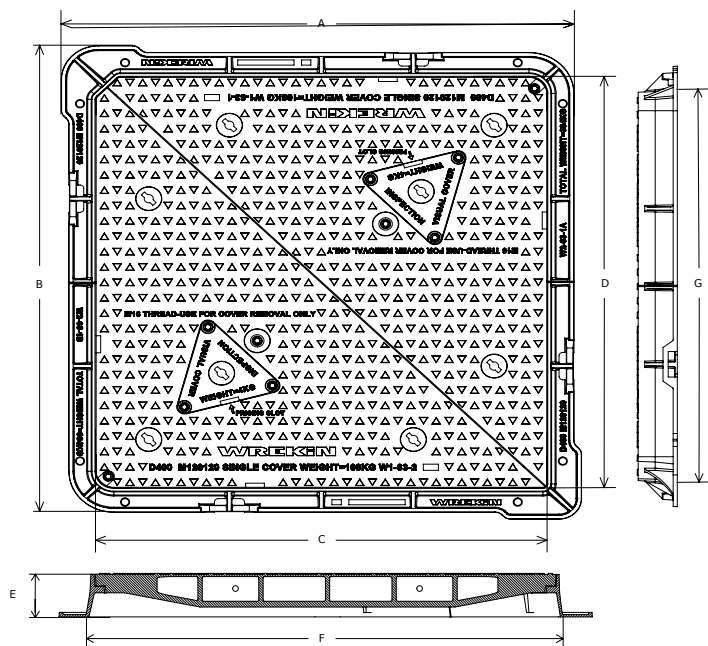


DMTOD6/1212/4

Hercules 400kN manhole cover 1200mm x 1200mm clear opening with 150mm frame depth



CHARACTERISTIC	VALUE
Range	Hercules
Clear opening (mm)	1,200 x 1,200
Overall frame (mm)	1,385 x 1,385
Frame depth (mm)	150
Options	▶ Safety grille ▶ Screw locking ▶ Flood and odour control plate ▶ Pressure relief holes



SPECIFICATION

GENERAL INFORMATION

Stock code	DMTOD6/1212/4
Primary material	Ductile iron
Range	Hercules
Category	Manhole cover
Flanges	4

STANDARDS, CLASSES AND GROUPINGS

Standards	BS EN 124-2
BS EN 124 Class	D400
Maximum loading weight	400 kN
BS EN 124 Group	4

DIMENSIONS

Frame shape	Rectangular
Manhole shape	Square
Overall frame (A x B)	1,385 mm x 1,385 mm
Clear opening (C x D)	1,200 mm x 1,200 mm
Frame depth (E)	150mm
Base opening (F x G)	1,230 mm x 1,230 mm

EPD DATA

Total life cycle (cradle to grave) 672.16 kg CO₂ equivalent



FEATURES

- ✓ Enlarged corners spread loads evenly across the foundation, enhancing reliability and lifespan.
- ✓ The inspection window allows a safe and easy view into the chamber without needing to remove the covers.
- ✓ Built-in lifting points allow safe mechanical lifting, reducing manual handling and improving on-site safety.
- ✓ Safety keyways prevent accidental lifting key disengagement during handling for safer operation.
- ✓ Independently tested by a UKAS-accredited laboratory to achieve a PSRV value of 70+ on the chequer surface.
- ✓ Indexed corners ensure correct orientation and alignment first time, every time.
- ✓ Integrated keyway frame lifting points provide safe and secure handling.

AVAILABLE OPTIONS

- ✓ **Safety grille**
Safety grilles prevent accidental chamber falls. Available in a variety of configurations; including bars and mesh as drop-in or hinged.
- ✓ **Screw locking**
Screw locking deters unauthorised access to the chamber. An extended shank socket set is required to engage the locking screw.
- ✓ **Flood and odour control plate**
The flood and odour control plate is manufactured from steel and provides resistance to flood-water ingress and the chamber-odour egress.
- ✓ **Pressure relief holes**
Pressure relief holes provide additional airflow, with sizes permitted up to the maximum allowances specified in BS EN 124.

ACCESSORIES

STOCK CODE	DESCRIPTION
PC/UNIFORM/151076	Uniform chamber adjustment unit 760mm x 100mm x 15mm
PC/UNIFORM/251076	Uniform chamber adjustment unit 760mm x 100mm x 25mm
PC/UNIWEDGE/755012	Uniform support wedge 120mm x 50mm x 75mm
YPCR/U12.5	12.5Kg Unipak® rapid curing polyester resin mortar
YPCR/U25	25Kg Unipak® rapid curing polyester resin mortar
SCREWLIFT	Simple and rapid manhole frame levelling system. Simply push the bushes into the holes in the flange and adjust the levelling screws to the required height.
GRITBLOCKER	Anti-blockage keyway insert
KEYS/L	Small cover combined lifting key
KEY/LIFTINGEYE	M16 50mm threaded lifting loops (sold as a pair)
KEYS/LONG	Large cover lifting keys with a long handle

NOTES

- ▶ BS EN 124 and CD 534 apply to products with a clear opening up to 1 metre. The Hercules range of access covers have a clear opening greater than this, however load capability and design features exceed the requirements of these documents.
- ▶ Please note that Hercules 1,200 x 1,200mm cover has keyholes for manual lifting.
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