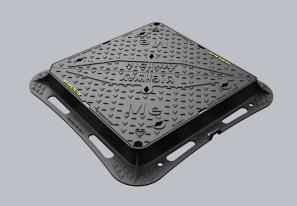
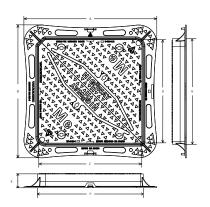


# **DMT0D4/7575/KHME**

Highway D400 manhole cover 750mm x 750mm clear opening with 100mm frame depth



CHARACTERISTIC	VALUE
Range	Highway
Clear opening (mm)	750 x 750
Overall frame (mm)	965 x 965
Frame depth (mm)	100
Options	<ul> <li>Screw locking</li> <li>Standard badging</li> <li>Flood and odour control plate</li> <li>Safety grille</li> <li>ID and comms badging</li> <li>Pressure relief holes</li> </ul>



# **SPECIFICATION**

### **GENERAL INFORMATION**

Stock code	DMT0D4/7575/KHME
Primary material	Ductile iron
Range	Highway
Category	Manhole cover
Flanges	4

## STANDARDS, CLASSES AND GROUPINGS

Standards	BS EN 124-2
	DMRB
	MCHW
	CD 534 v0.2.0
BS EN 124 Class	D400
BS EN 124 Group	4
Third party certified	Kitemark

### **DIMENSIONS**

Frame shape	Square
Manhole shape	Square
Overall frame (A x B)	965 mm x 965 mm
Clear opening (C x D)	750 mm x 750 mm
Frame depth (E)	100mm
Base opening (F x G)	775 mm x 775 mm

### **EPD DATA**

Total life cycle (cradle to grave) 238.79 kg CO<sub>2</sub> equivalent











## **FEATURES**

- Enlarged corners spread loads evenly across the foundation, enhancing reliability and lifespan.
- Optional ID badge supports RFID, NFC and IoT connectivity for asset identification and tracking.
- 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.
- Strengthened corners dissipate loading stresses effectively, providing long-term durability and preventing damage to the frame and cover.
- Directs forces vertically to convert traffic loads into mortarcompatible compression forces.

- Indexed corners ensure correct orientation and alignment first time, every time.
- Integrated keyway frame lifting points provide safe and secure handling.
- Frame holes allow mortar to flow through the flange, creating a strong mechanical bond for added stability.
- Texturing above and below the flange improves mortar grip and reduces lateral movement and cracking.
- Non-rocking three-point suspension provides stable seating for silent, reliable operation.
- Meets the requirements of CD 534 v0.2.0.

## **AVAILABLE OPTIONS**

#### Screw locking

Screw locking deters unauthorised access to the chamber. An extended shank socket set is required to engage the locking screw.

#### Industry standard badging

Integral industry-standard badging e.g. SW (Storm Water) and FW (Foul Water). Details are taken at point of order.

#### 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.

#### Safety grille

Safety grilles prevent accidental chamber falls. Available in a variety of configurations; including bars and mesh as drop-in or hinged.

#### ID badging and communications options

Bespoke badging and communications antennae, including NFC, RFID and IoT technology.

#### 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
KEYS/LONG	Large cover lifting keys with a long handle









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