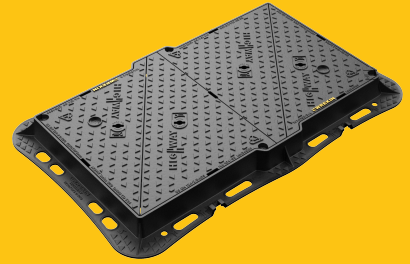


## DMTOD4/1267/KH

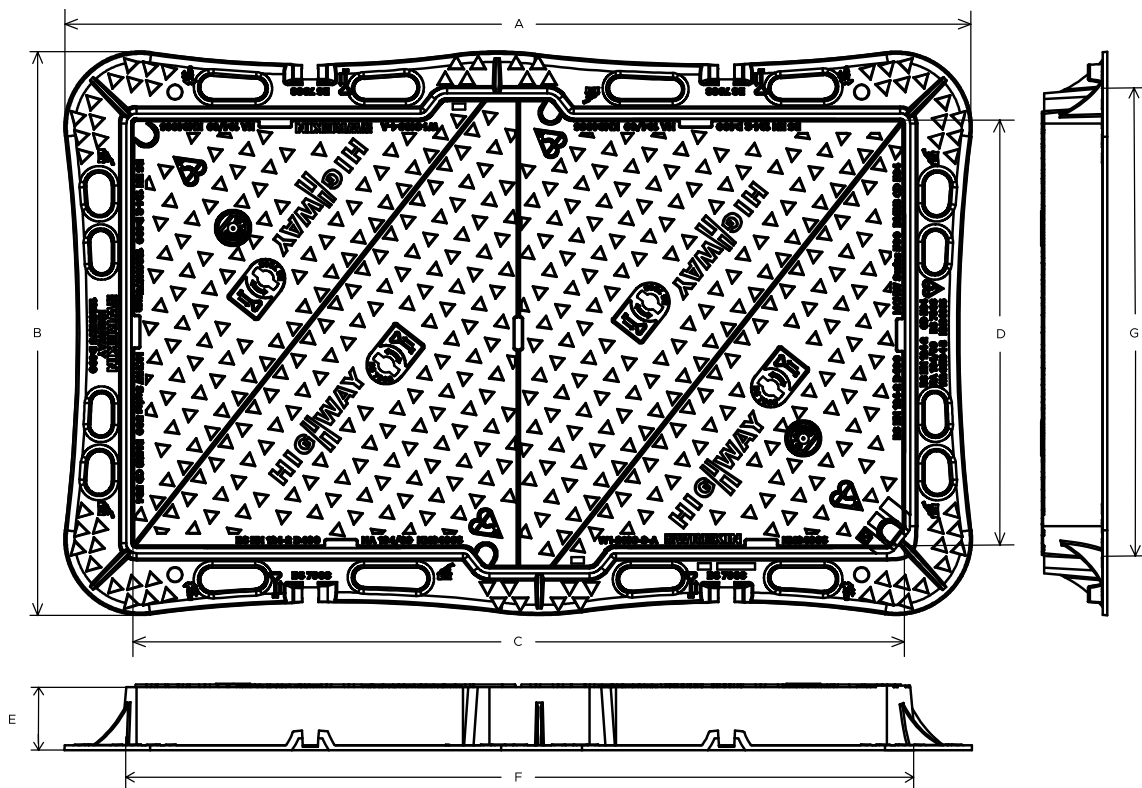
Highway D400 manhole cover 1220mm x 675mm clear opening with 100mm frame depth



| RANGE   | CLEAR OPENING (MM) | OVERALL FRAME (MM) | FRAME DEPTH (MM) | OPTIONS                                                                                                                                                                                                                                                                                     |
|---------|--------------------|--------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Highway | 1,220 x 675        | 1,440 x 895        | 100              | <input type="checkbox"/> Screw locking<br><input type="checkbox"/> Standard badging<br><input type="checkbox"/> Pressure release holes<br><input type="checkbox"/> Flood and odour control plate<br><input type="checkbox"/> Safety grille<br><input type="checkbox"/> ID and comms badging |

## FEATURES

- ✓ The enlarged frame corners help to dissipate loads onto the foundation, providing a longer service life and increased reliability.
- ✓ Safety keyway prevents accidental disengagement of the lifting key during the handling process.
- ✓ Meets the requirements of CD 534 v0.1.0 (formerly HA 104/09).
- ✓ The high seating position ensures that forces are transmitted more directly downwards, meaning conversion of traffic loads into mortar-compatible compression forces.
- ✓ Keyway lifting points are provided on the frame for safe handling.
- ✓ Surface texturing above and below the flange enables better mortar engagement, reducing any lateral movement which could result in cracking.
- ✓ A retrofittable ID badge can be fitted, also compatible with antennas and communication options (RFID, NFC, IoT)
- ✓ 70+ PSRV tested at top surface of chequer by UKAS accredited 3rd party.
- ✓ Frame gussets are supports which reinforce the corners where the frame sections meet, distributing stress evenly, preventing damage to the frame or the access cover.
- ✓ Indexed corners ensure correct orientation first time, every time.
- ✓ Holes in the frame flange where mortar can pass between the underside and top side, creating an interlock, providing greater strength.
- ✓ Non rocking 3-point suspension design, for silent operation.



## SPECIFICATION

### General information

|                  |                |
|------------------|----------------|
| Stock code       | DMTOD4/1267/KH |
| Primary material | Ductile iron   |
| Range            | Highway        |
| Category         | Manhole cover  |
| Flanges          | 4              |

### Standards, classes and groupings

|                 |                                              |
|-----------------|----------------------------------------------|
| Standards       | BS EN 124-2<br>DMRB<br>MCHW<br>CD 534 v0.1.0 |
| BS EN 124 Class | D400                                         |

**BS EN 124 Group**

4

**Third party certified**

Kitemark

## Dimensions

**Frame shape**

Rectangular

**Manhole shape**

Rectangular

**Overall frame (A x B)**

1,440 mm x 895 mm

**Clear opening (C x D)**

1,220 mm x 675 mm

**Frame depth (E)**

100mm

**Base opening (F x G)**

1,250 mm x 705 mm

## AVAILABLE OPTIONS

### ✓ Screw locking

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

### ✓ Pressure release holes

Pressure release holes provide additional airflow, with sizes permitted up to the maximum allowances specified in BS EN 124.

### ✓ Safety grille

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

### ✓ 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.

### ✓ ID badging and communications options

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

## 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 <sup>®</sup> rapid curing polyester resin mortar |

| STOCK CODE  | DESCRIPTION                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| YPCR/U25    | 25Kg Unipak <sup>®</sup> rapid curing polyester resin mortar                                                                                                 |
| GRITBLOCKER | Anti-blockage keyway insert                                                                                                                                  |
| 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. |
| KEY/LONG    | Large cover lifting keys with a long handle (sold as a pair)                                                                                                 |
| KEYS/L      | Small cover combined lifting key                                                                                                                             |

## NOTES

All values stated are nominal within 2.5% tolerance.

1. Wrekin Products Ltd is continually seeking to improve our products and therefore reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves the above data is current.
3. Installation details are available in the [knowledge base](#).
4. All Wrekin products are supplied subject to our [Terms and Conditions of Sale](#)

