

DMS1D4/60D/KU

Force D400 circular manhole cover 610mm diameter clear opening with 100mm frame depth



RANGE	OVERALL FRAME (MM)	CLEAR OPENING (MM)	FRAME DEPTH (MM)	OPTIONS
Force	Ø 850	Ø 610	100	<div><input type="checkbox"/> Screw locking</div> <div><input type="checkbox"/> Ventilation holes</div> <div><input type="checkbox"/> Safety grille</div> <div><input type="checkbox"/> Factory-applied badging</div>

KEY FEATURES

- ✓ Concealed hinges prevent debris entering the hinge and limiting its movement.

✓ A retrofittable ID badge can be fitted, also compatible with antennas and communication options (RFID, NFC, IoT)

✓ Safety-stop hinges prevent covers from falling once opened.

✓ Surface texturing above and below the flange enables better mortar engagement, reducing lateral movement which could induce cracks in mortar.
- ✓ The covers feature a universal beam (also known as an I beam) providing significant improvements to rigidity, reducing seat wear for an enhanced service life.

✓ Safety keyway prevents accidental disengagement of the lifting key during the handling process.

✓ Spring bar low security locking feature.

✓ Keyway lifting points are provided on the frame for safe handling.

SPECIFICATION

General information

Stock code	DMS1D4/60D/KU
Primary material	Ductile iron
Range	Force
Category	Manhole cover
Flanges	4

Standards, classes and groupings

Standards	BS EN 124-2
BS EN 124 Class	D400
BS EN 124 Group	4
Third party certified	Kitemark

Dimensions

Frame shape	Circular
Manhole shape	Circular
Overall frame (A x B)	850 mm x
Clear opening (C x D)	Ø 610 mm
Frame depth (E)	100mm
Base opening (F x G)	Ø 690 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.

✓ Safety grille

Safety grilles prevent accidental chamber falls.
Available in a variety of configurations; including bars

✓ Ventilation holes

Provide additional cover ventilation in addition to the product's natural ventilation, up to the BS EN 124 allowance.

✓ Badging with communications options

Bespoke badging with communications options, 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® rapid curing polyester resin mortar
YPCR/U25	25Kg Unipak® rapid curing polyester resin mortar
GRITBLOCKER	Anti-blockage keyway insert
SCREWLIFT	Manhole cover levelling system
KEY/LONG	Large cover lifting keys with a long handle (sold as a pair)
KEYS/L	Small cover combined lifting key
KEYSHEAVY	Large cover lifting keys with a standard handle (sold as a pair)

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 on request.
4. All Wrekin products are supplied subject to our [Terms and Conditions of Sale](#)

