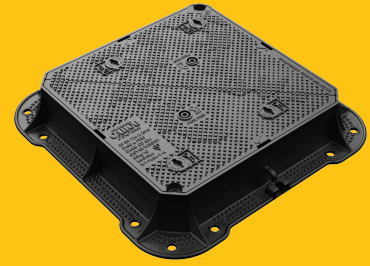# DMT0F6/6767/KCA

Cargo F900 manhole cover 685mm x 685mm clear opening with 150mm frame depth

RANGE	CLEAR OPENING (MM)	OVERALL FRAME (MM)	FRAME DEPTH (MM)	OPTIONS
Cargo	685 x 685	890 x 890	150	☐ Flood and odour control plate ☐ Safety grille ☐ Screw locking ☐ Ventilation holes

KEY FEATURES

✔ GritBlocker™ anti-blockage keyway insert comes pre-installed.

✔ Mechanical lifting points are provided.

✔ 70+ PSRV tested at top surface of chequer by UKAS accredited 3rd party.

✔ 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.

✔ Surface texturing above and below the flange enables better mortar engagement, reducing any lateral movement which could result in cracking.

✔ 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).

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

✔ Unlike sharp, square-edged frames, rounded edges reduce stress concentrations and minimise crack formation.

✔ 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.

SPECIFICATION

General information

Stock code	DMT0F6/6767/KCA
Primary material	Ductile iron
Range	Cargo
Category	Manhole cover
Flanges	4

Standards, classes and groupings

Standards	BS EN 124-2
	BS7903
	DMRB
	MCHW
	CD 534 v0.1.0
BS EN 124 Class	F900
BS EN 124 Group	6
Third party certified	Kitemark

Dimensions

Frame shape	Square
Manhole shape	Square
Overall frame (A x B)	890 mm x 890 mm
Clear opening (C x D)	685 mm x 685 mm
Frame depth (E)	150mm
Base opening (F x G)	710 mm x 710 mm

AVAILABLE OPTIONS

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.

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 and mesh as drop-in or hinged.

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

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	Manhole cover levelling system
KEY/LONG	Large cover lifting keys with a long handle (sold as a pair)
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