

Technical Specification/ Product Datasheet

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England



Specific Product Code/s:	CD 901H KMD CD 901AH KMD (pictured)	
Product Group:	Ductile Iron Kitemark Manhole Covers	
Sub-Category:	HIGH MAX Heavy Duty D400 Double-Tri Manhole Covers for use in heavily trafficked carriageways and commercial/industrial areas	
Material Grade/s:	Spheroid Graphite Iron Grade EN-GJS-500-7 to BS EN 1563:2011 Temporary Bitumen-based paint coating to BS 3416:1991	
Basic Dimensions (mm):	CD 901H KMD	CD 901AH KMD
	Clear Opening =	600 x 600
	Overall size =	847 x 847
	Depth =	100
Weight (kgs):	Overall =	104
	Covers (per pair) =	68
Frame Pressure Bearing Area (N/mm ²):		1.8
Polished Skid-Resistance Value (PSRV):	60+	
Load Rating Classification:	D400 (40 tonnes)	

Features:

- BSI Kitemark Certified to BS EN124:1994
- Integral safety keyholes
- 'True' clear-opening design with oversized frame to suit old-style 24" x 24" chambers
- Heavy duty design to cope with the demands of heavily-trafficked areas
- Inboard cover supports to reduce risk of cover collapse under extreme loads
- Can be supplied fitted with sealing plate (conventional bolt-in galv steel or drop-in low-leak ductile iron)
- Non-rock 3-point suspension covers with ultra-high tread density for long service life
- Enlarged frame corners and extra-wide flange for improved distribution of loading in key areas
- Vented corner grouting pockets on frame flange to improve bond to bedding mortar in highly stressed areas for durability in service
- Compliant to BS 7903 and the design requirements of Highways England HA104/09 (high risk areas)

Date Issued: 23/06/16