

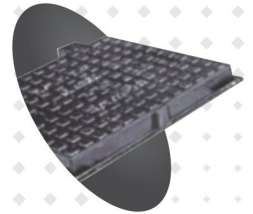
MORE STRENGTH MORE DURABILITY



DUCTILE IRON
MANHOLE COVERS,
FRAMES & GRATINGS
As per **EN-124** Standards



**CIRCULAR MANHOLE
COVER**



**SQUARE MANHOLE
COVER**



ONLY GRATING

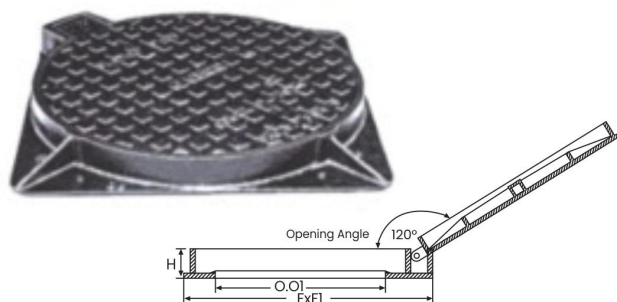


We are class **"A"**
certified foundry
by RDSO



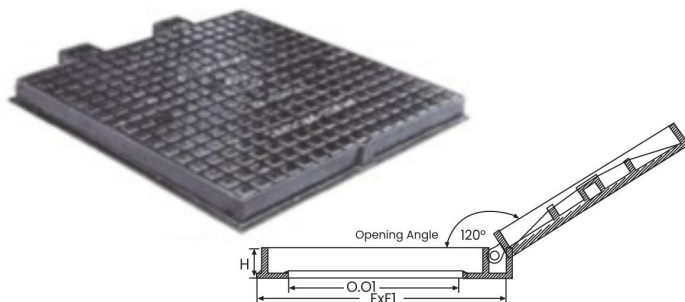
Ultra modern unit is fully equipped with sophisticated Plant & Machinery

CIRCULAR COVER WITH SQUARE FRAME



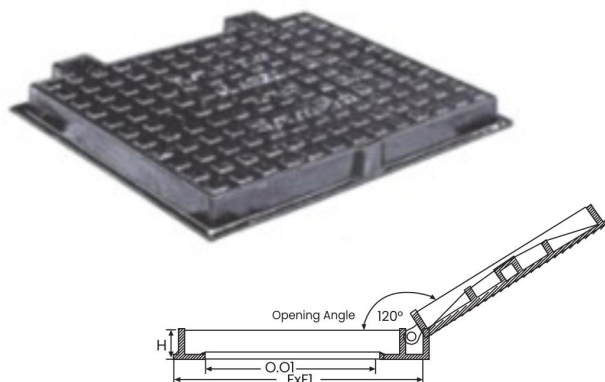
ITEM CODE	SIZE (MM) DIA	GRADE	FRAME DIMENSIONS			WEIGHT IN KG (APPROX.)
			CLEAR OPEN DIA	FRAME OUTER	HEIGHT (MM)	
			OxO1	FxFl	H	WT.
RC1	350	A-15	350	470X470	40	22
RC2	450	C-250	450	600X600	100	55
RC3	500	A-15	500	625X625	40	25
RC4	500	B-125	500	650X650	75	45
RC5	500	C-250	500	650X650	100	65
RC6	525	A-15	525	650X650	40	33
RC7	525	B-125	525	665X665	75	50
RC8	525	C-250	525	685X685	100	75
RC9	560	A-15	560	690X690	40	38
RC10	560	B-125	560	710X710	75	55
RC11	560	C-250	560	710X710	100	80
RC12	600	A-15	600	730X730	40	42
RC13	600	B-125	600	765X765	75	60
RC14	600	C-250	600	760X760	100	85
RC15	600	D-250D/S	600	770X770	75	100
RC16	600	C-250 /DH	600	790X790	100	85
RC17	600	D-400	600	765X765	100	95

SQUARE COVER WITH FRAME



ITEM CODE	SIZE (MM) DIA	GRADE	FRAME DIMENSIONS			WEIGHT IN KG (APPROX.)
			CLEAR OPENING DIA	FRAME OUTER	HEIGHT (MM)	
			OxO1	FxFl	H	WT.
RS1	300X300	A-15	300X300	385X385	30	8
RS2	300X300	C-250	300X300	445X445	75	33
RS3	450X450	A-15	450X450	560X560	40	22
RS4	450X450	B-125	450X450	590X590	75	45
RS5	560X560	C-250D/S	560X560	740X740	75	90
RS6	600X600	A-15	600X600	730X730	40	40
RS7	600X600	B-125	600X600	750X750	75	65
RS8	600X600	C-250	600X600	750X750	100	90
RS9	750X750	C-250	750X750	895X895	75	125
RS10	800X800	B-125	800X800	950X950	75	115
RS11	800X800	C-250	800X800	970X970	100	140
RS12	900X900	B-125	900X900	1050X1050	75	125
RS13	900X900	C-250	900X900	1070X1070	100	170
RS14	900X900 ⁽⁴⁵⁰⁰⁾	C-250	900X900	1060X1060	100	198
RS15	300X300	D-400	300X300	460X460	100	40
RS17	600X600	D-400	600X600	775X775	100	105
RS19	900X900	D-400	900X900	1070X1070	100	195
RS20	300X300	B-125	300X300	445X445	75	28
RS21	450X450	C-250	450X450	590X590	75	58
RS22	750X750	B-125	750X750	895X895	75	100

RECTANGULAR COVER WITH FRAME



ITEM CODE	SIZE (MM) DIA	GRADE	FRAME DIMENSIONS			WEIGHT IN KG (APPROX.)
			CLEAR OPEN DIA	FRAME OUTER	HEIGHT (MM)	
			OxO1	FxFl	H	WT.
RR1	450X600	A-15	450X600	580X730	40	30
RR2	450X600	B-125	450X600	675X825	75	70
RR3	450X600	C-250	450X600	675X825	100	100
RR4	450X900	A-15	450X900	585X1030	40	50
RR5	450X900	B-125	450X900	600X1055	75	75
RR6	450X900	C-250	450X900	615X1060	100	125
RR7	600X900	A-15	600X900	745X1040	40	65
RR8	600X900	B-125	600X900	755X1050	75	105
RR9	600X900	C-250	600X900	775X1070	100	150
RR10	450X900	D-400	450X900	615X1060	100	160
RR11	600X900	D-400	600X900	775X1070	100	170

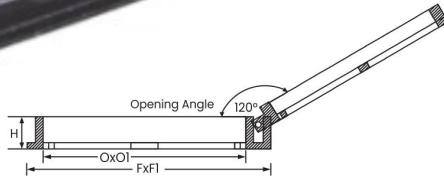
MORE STRENGTH MORE DURABILITY

MAX. LOAD: *GRADE A-15=1.5MT. (LD)

*GRADE B-125=12.5MT. (MD)

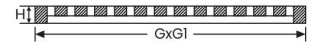
*GRADE C-250= 25.0 MT. (HD)

GRATING WITH FRAME



ITEM CODE	SIZE (MM) DIA	GRADE	FRAME DIMENSIONS			WEIGHT IN KG (APPROX.)
			CLEAR OPEN DIA	FRAME OUTER	HEIGHT (MM)	
			OxO1	FxF1	H	WT.
RGF1	450X450	A-15	450X450	555X555	50	32
RGF2	450X450	C-250	450X450	630X630	90	56
RGF3	450X500	C-250	450X500	550X600	100	58
RGF4	450X600	A-15	450X600	560X705	50	38
RGF5	500X600	C-250	500X600	685X780	90	80
RGF6	525X700	B-125	525X700	650X800	75	70
RGF7	525X700	C-250	525X700	650X800	75	90
RGF8	600X600	B-125	600X600	700X725	75	70
RGF9	600X600	C-250	600X600	700X725	75	90
RGF10	750X750	C-250	750X750	850X850	100	130
RGF11	800X800	B-125	800X800	900X900	75	135
RGF12	800X800	C-250	800X800	900X900	75	180
RGF13	300X300	A-15	300X300	350X350	40	12
RGF14	550X550	C-250	550X550	650X650	75	85
RGF15	600X900	C-250	600X900	750X1050	100	120
RGF16	900X900	C-250	900X900	1050X1050	100	150
RGF17	750X750	D-400	750X750	930X930	100	165

ONLY GRATING



ITEM CODE	SIZE (MM) DIA	GRADE	FRAME DIMENSIONS		WEIGHT IN KG (APPROX.)
			GRATING OUTER	HEIGHT (MM)	
			GxG1	H	WT.
Rg1	100X450	B-125	100X450	25	5
RG2	300X600	A-15	300X600	40	12
RG3	300X600	C-250	300X600	40	35
RG4	340X600	A-15	340X600	40	15
RG5	450X600	A-15	450X600	40	16
RG6	450X600	C-250	450X600	40	40
RG7	550X600	C-250	550X600	40	56
RG8	400X400	A-15	400X400	40	15
RG9	400X400	C-250	400X400	50	40
RG10	500X500	A-15	500X500	50	33
RG11	500X500	C-250	500X500	50	48
RG12	600X600	A-15	600X600	40	21
RG13	600X600	C-250	600X600	40	60
RG14	700X700	C-250	700X700	50	90
RG15	800X800	C-250	800X800	50	120
RG16	380X600	B-125	380X600	25	28
RG17	380X600	C-250	380X600	25	38
RG18	545X600	D-400	545X600	40	43
RG19	645X600	D-400	645X600	40	58
RG20	500X600	C-250	500X600	40	38
RG21	370X500	D-400	370X500	40	38
RG22	520X500	D-400	520X500	40	50
RG23	670X500	D-400	670X500	40	64
RG24	370X500	F-900	370X500	65	64
RG25	670X500	F-900	670X500	65	124

RECESS COVER WITH FRAME



ITEM CODE	SIZE (MM) DIA	GRADE	FRAME DIMENSIONS				WEIGHT IN KG (APPROX.)
			CLEAR OPEN DIA	FRAME OUTER	DEPTH (MM)	HEIGHT (MM)	
			OxO1	FxF1	FxF1	H	WT.
RC1	450X450	A-15	450X450	595X595	30	50	35
RC2	450X450	B-125	450X450	595X595	35	60	42
RC3	600X600	A-15	600X600	755X755	30	50	45
RC4	600X600	B-125	600X600	755X755	35	65	65
RC5	450X450	B-125	450X450	610X610	70	100	55
RC6	450X450	C-250	450X450	610X610	70	100	62
RC7	600X600	D-400	600X600	760X760	70	100	90

*GRADE D-400 = 40.0 MT. (EHD)

*GRADE F-900 = 90.0 MT. (EHD)

* ALL DIMENSIONS ARE IN MM

*TOLERANCE ON WEIGHT: -5%

DUCTILE IRON MANHOLE COVERS, FRAMES & GRATING

Advantages of DUCTILE IRON MANHOLE covers frames & gratings

- High strength, result in more life & durability.
- Available with elegant checker design, offer good anti skid grip & nice appearance.
- Due to it's hinge type design, chances of theft are less.
- Suitable for heavy traffic loading & at high speed.
- Chances of accidents are almost reduced, as it does not break suddenly.
- Due to high Strength, '**DUCTILE IRON**' minimises the risk of failure during normal uses offers resistance to impact.
- Ductile iron's high strength to weight ratio allows the manufacturers to relatively manufacture light weight casting, offering upto 50% weight savings over grey iron casting, subsequently saving in cost per piece.
- Light weight casting offer cost benefits from transportation to installation, providing ease of handling & maintenance during service.



DUCTILE IRON EXTRA BENEFITS

- Light weight, more strength.
- More load bearing capacity.
- Very easy to handle.
- Costs less as compared to cast iron.

WHY DUCTILE IRON?

SPHEROID GRAPHITE or ductile iron is a unique form of iron, which prior to the meta casting process receive Crucial mineral additives to produce an exceptionally strong resistance & durable metal, the molecular Structure of **DUCTILE IRON** gives rise to excellent additional strength and shock load resistance within Structure carbon steel, without steel inheriting corrosion, in today's roads covers & gratings are required to Carry increasingly heavy & fast moving traffic, yet the need to keep the roads in service places free from Accidents and theft, additional demands on those covers and grating in terms of speed and ease of Access for maintenance of services is essential. '**DUCTILE IRON**' manhole covers grating & frames are fast Replacing the conventional grey iron manhole covers grating and frames on account of uniqueness in its Strength ratio, design, weight & the cost benefit.

CONVENIENCE OF '**DUCTILE IRON**' MANHOLE COVERS



Easy Opening, Strong & Durable



Anti Theft Hinged Design



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