



SYI Foundry – Proud Member of SYI Group

Manhole Covers Gully Gratings Surface Boxes

-Full Ranges of Manhole Covers,
Gully Gratings & Surface Boxes

-BSI Kitemark, NF, SGS and TUV Certified

ISO 9001:2008 Quality Management
System

EN124 / ASTM-A-48 / BS 5834

High Value, Best Quality & On-time
Delivery

www.syi-foundry.com



ABOUT SYI GROUP



Specialist in Municipal, Drainage & Machinery Products & Services

SYI Group Companies have served the society for over 20 years with best Municipal, Drainage and Machinery products.

- **SYI Foundry** (Shanxi Yuansheng Casting & Forging Industrial Co., Ltd.) – manufactures **Manhole Covers**, Gully Gratings, Surface Boxes, Tree Gratings, Bollards, Garden Benches, Cast Lamp Posts & Bases and all types of SYI/OEM municipal products and outdoor furnitures.
- **SYI Pipeline Corporation** – manufactures a full range of **Pipeline products and accessories** like Pipes, Fittings, Valves, Universal Couplings, Flanged Adaptors, Quick Adaptors, Dismantling Joints, Clamps, Fire Hydrants, and etc.
- **SYI Industrial Casting Division** (Shanxi Yuansheng Industrial Co., Ltd.) – manufactures OEM Industrial, Electrical, Agricultural, Automobile parts by Investment Castings / Precision Castings / Lost-Wax Castings, Resin Sand Castings, Lost Foam Castings and more.
- **SYI Forging Factory** (Shanxi Yuansheng Casting & Forging Industrial Co., Ltd.) – manufactures **Flanges**, Forged Rings, Forged Fittings, Wind Turbine Forgings, Shafts, Lifting Anchors, Drop Forgings, Cold Forgings and other Free Forging and Die Forging products.
- **SYI Aluminum Division** – manufactures Aluminum Sand Castings, Permanent Mould, Aluminum Die Castings, Aluminum Extrusions and all types of aluminum products.

Since the second half of 20th century, SYI has been an OEM manufacturer of machined & un-machined castings and forgings in a variety of industries. Today, we manufacture over 1,000 products - everything from single flange to customized street lamps. SYI are continuing to refine our role as a technical expert, quality leader and fast reactor.

At Shanxi base, we have over 500,000 square meters of workshop, warehousing and production facilities. We have **4 automatic moulding machine lines, CNC machining center, professional laboratory, in-house pattern & tooling shops** and most important-a **group of highly experienced and technically qualified staff.**

SYI regards quality as an essential and integral part of our business success. Until now, we are **ISO9001:2008 TUV certified, BSI Kitemarked, SGS certified, UL listed, FM certified, NF certified and CE certified.** Manufacturing "SYI" Brand products has evolved as a mark of quality!

SYI also has the capacity to assist the customer from initial design, engineering to first sample and production.

Our aim is to provide all of our customers with VALUE of the products instead of only low prices!

CERTIFICATES We are certified!



TUV ISO9001-2008



TUV ISO9001-2008
Chinese



Kitemark License
KM no.587491



Kitemark License
KM no.587492



SGS
ISO2531/EN545/EN598



TUV BS6920-2000



FootLab
BS6920-1 2000



SGS Certificate of
Conformity



SGS EN124-1994



CE BS EN13101-2002



Patent Certificate of
SYI Manhole Steps



Patent Certificate of
SYI Couplings and
Flanged Adaptors

CERTIFICATES We are certified!



BV Inspection Report



CNE Test Report



**SGS Inspection Test Report on Material
(GGG50)**



SGS Inspection Report for KSA



**SGS Inspection Report for Hmam Aleel
Pipes Lot 1, 2 & 3**



**SGS Inspection Report for Limassol
Desalination Plant**



SGS Inspection Certificate for Waste Water Disposal System Project



SGS Inspection Certificate for Project Kalu Ganga 08 & 09



SGS Inspection Certificate for Kuwait



SGS Inspection Certificate for Oman



SGS Inspection Certificate for AL-Amal for Water Project



SGS Inspection Certificate for Baghdad Governorate-Tender No.19



SYI Foundry®

**Automatic Moulding
Machine Line**

About SYI Foundry

[Http://www.syi-foundry.com](http://www.syi-foundry.com)

SYI Foundry®

I. About SYI Foundry

SYI Foundry has been involving in casting business for more than 20 years. Based on good quality, competitive price, on-time delivery, we've got great reputation all over the world. Not only do we have advanced equipments, but also own a very strong engineering team. Some of our engineers have been working in casting fields for over 30 years.

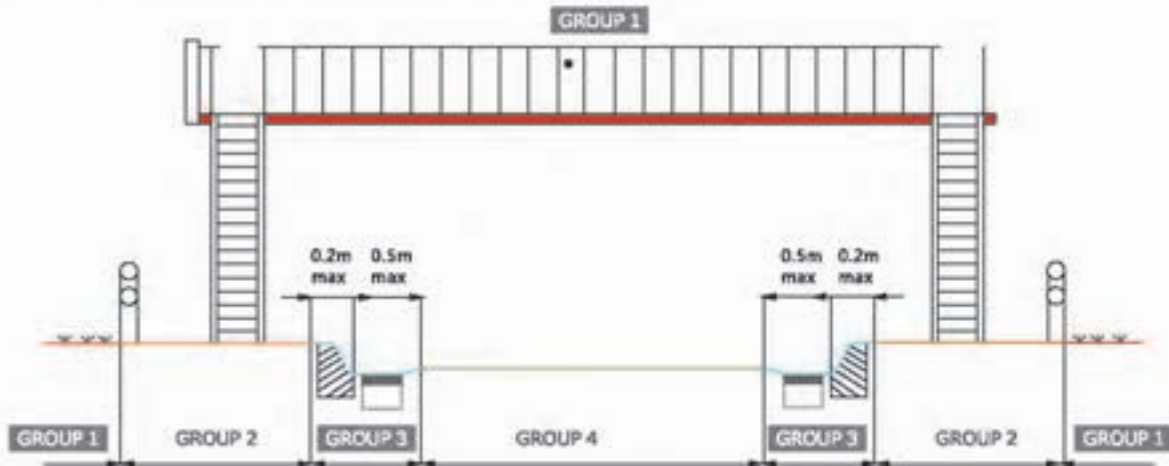
All castings shall be smooth and free from sand holes, blow holes, distortion or any other defects.

With annual production capacity of 35,000 tons, our major equipments include 2 sets of automatic moulding lines, 4 sets of 5-ton cupola, 2 sets of load test machines, 1 epoxy coating machine, 3 sets of core-shooting machines, 3 sets of shot blasting machines, 2 sets of water pressure machines, 2 machining workshops and all necessary chemical and physical test facilities.

GUARANTEE: SYI Foundry will replace any Heavy Duty covers/ gratings, that has been properly installed and broken in normal use, free of charge after receipt of the broken casting.

II. Products

(a). Maximum load allowed for various classes



*Compliance and classification of the manhole covers and frames (EN124:1994)
The appropriate class of manhole covers to be used depends upon the place of installation. The various places of installation have been divided into groups numbered 1 to 6, as listed below.*

GROUP 1: (class A 15 minimum) Test 1.5 metric ton
Areas which can only be used by pedestrians and pedal cyclists.

GROUP 2: (class B 125 minimum) Test 12.5 metric ton
Footways, pedestrian areas and comparable areas, car parks or car parking decks.

GROUP 3: (class C 250 minimum) Test 25 metric ton
For gully tops installed in the area kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5m into the carriageway and a maximum of 0.2m into the footway.

GROUP 4: (class D 400 minimum) Test 40 metric ton
Carriageway of roads (including pedestrian street), hard shoulders and parking areas, for all types of road vehicles.

GROUP 5: (class E 600 minimum) Test 60 metric ton
Areas imposing particularly high wheel loads, e.g. docks, aircraft pavements.

GROUP 6: (class F 900 minimum) Test 90 metric ton
Areas imposing particularly high wheel loads, e.g. Aircraft pavements.

The standard specifies that the designer is responsible for making the appropriate choice of class and where there is any doubt regarding the class to be used, a higher class should be selected.

(b). Material – Ductile iron and Grey iron



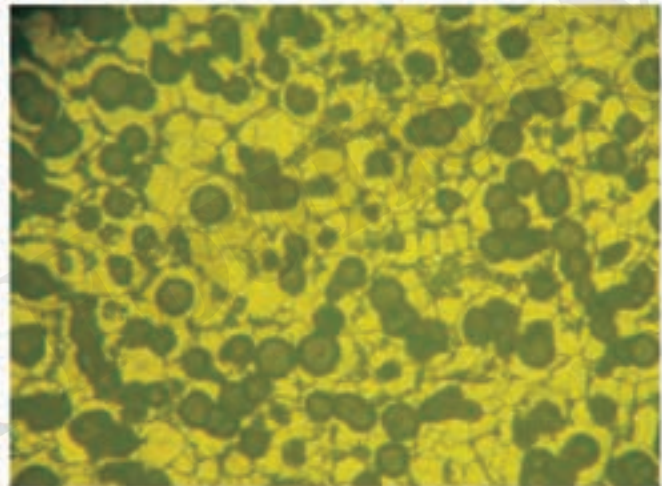
What is ductile iron?

Ductile iron is also called spheroidal graphite iron / nodular cast iron. It's a unique form of iron which prior to the metal casting process receives a treatment with magnesium to produce an exceptionally strong, impact resistant durable metal.

-Microstructures of the two types:



Grey iron



Ductile iron



- **The difference between ductile iron and traditional grey iron:**

The addition of magnesium at the molten stage transforms the flakes of graphite which are common with the grey iron casting process and transform them into spheroidal or nodular form. The nodular structure provides a higher tensile strength as well as a higher "strength to weight" ratio when compared with the properties inherent with grey iron manufacture.

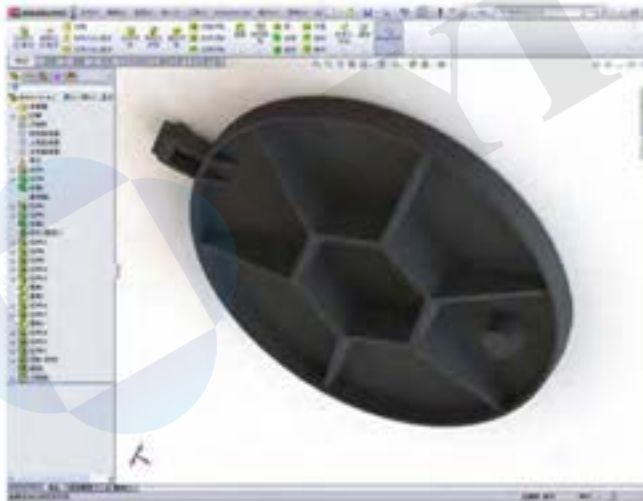
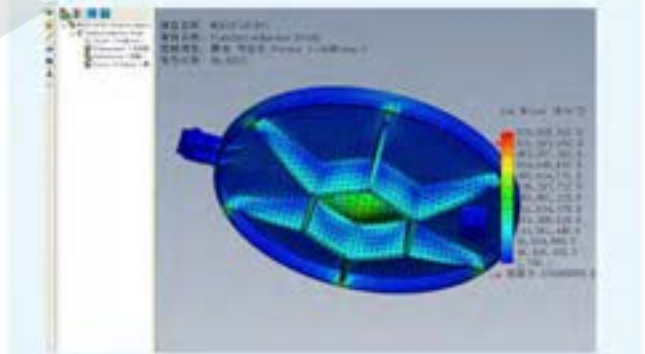
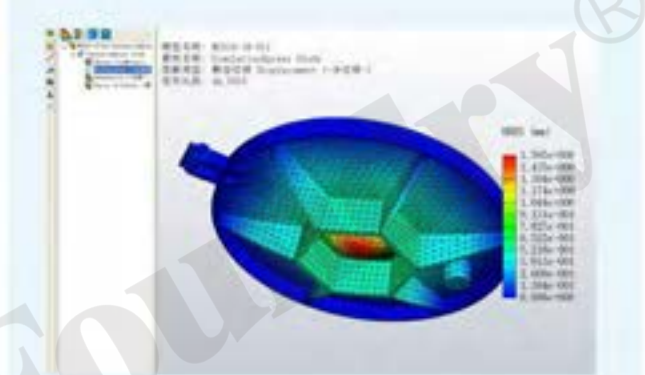
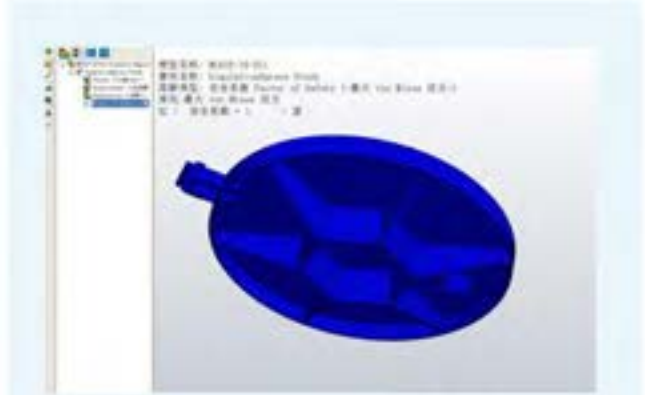
- **The benefit of ductile iron:**

Ductile iron high strength to weight ratio allows for the production of light weight castings that offer what can amount to a 50% weight saving over traditional grey iron.

Design



A group of highly experienced technical engineers are right here waiting for any of your request.



We are able to use most of the world-wide engineering software, including AUTO Cad, Pro Engineer, Solid Works and etc.

Professional software used for design and test



Production Facility



Besides traditional hand moulding, we also use Automatic Moulding Lines for better surface condition and dimension accuracy.



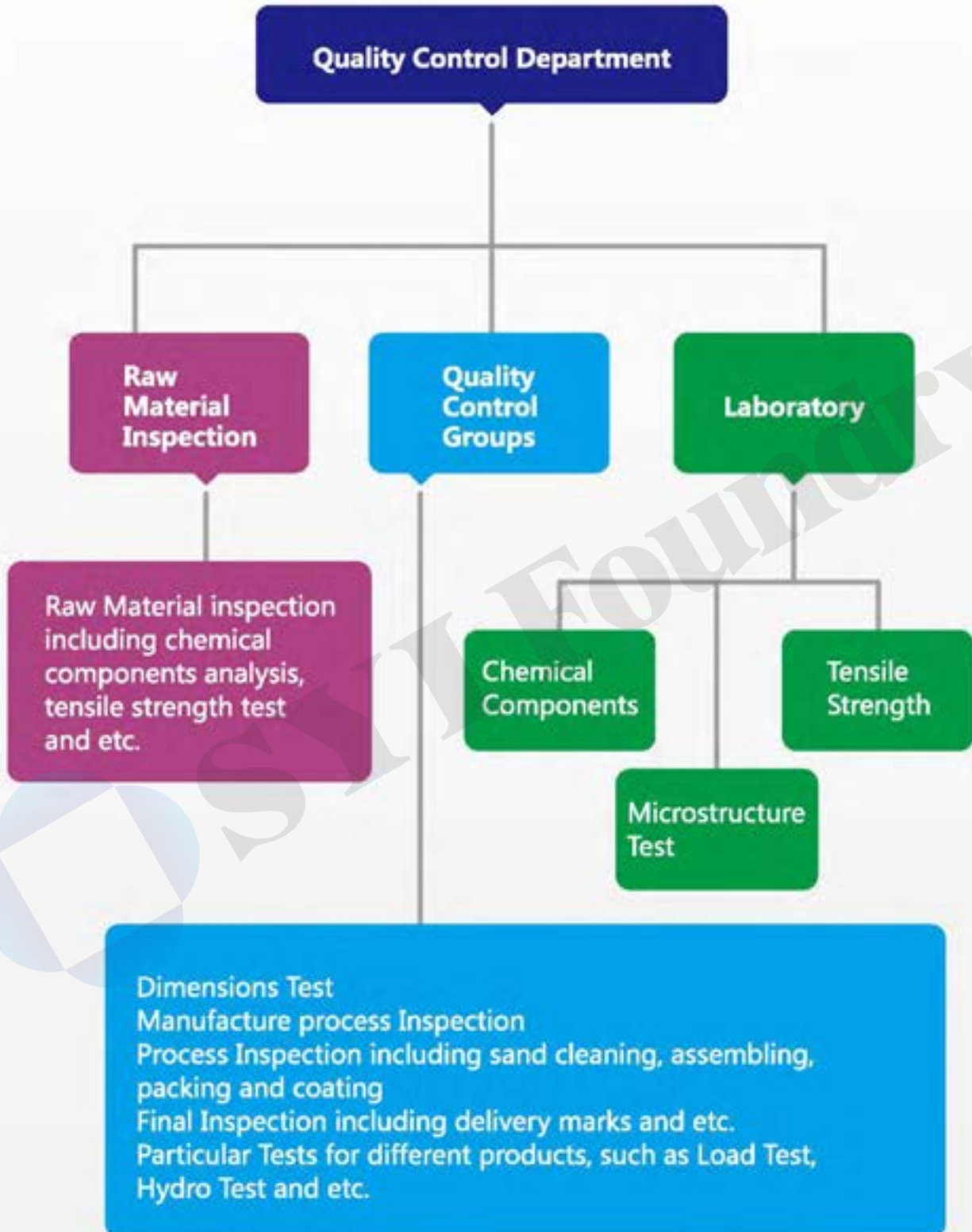
④ Pouring



④ Packing and Delivery



Quality Control



Spectrum Analysis



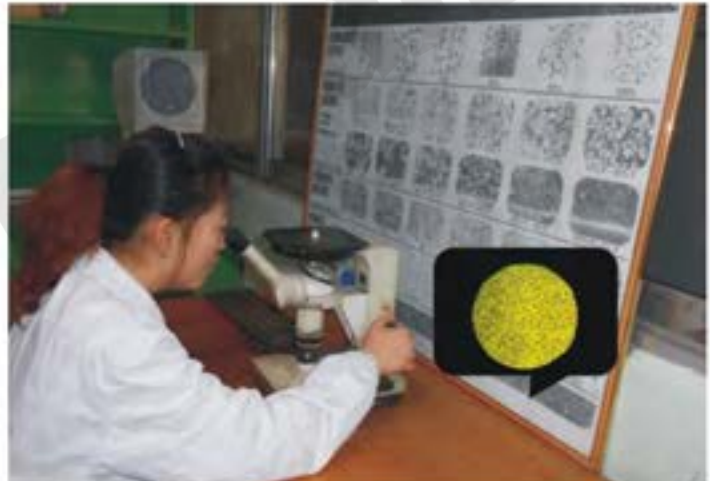
Chemical Components Analysis



Tensile Strength Test



Micro-structure Test



Hardness Test



Coating Thickness Measurement





Permanent Set and Load Test



An independent Quality Control is supervised directly by General Manager and responsible for following duties:

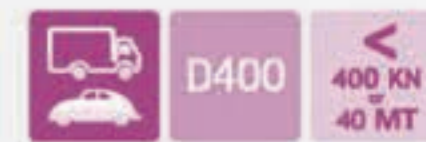
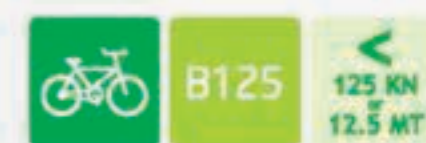
- * Physical and chemical analysis, dimension measurement, weighting and other inspection of the raw material and finished products.
- * Particular test for different products.
- * Visual measurement and conformation to standards.
- * Identifying, recording and disposing of rejected material.

SYI Manhole Cover Series

EN 124



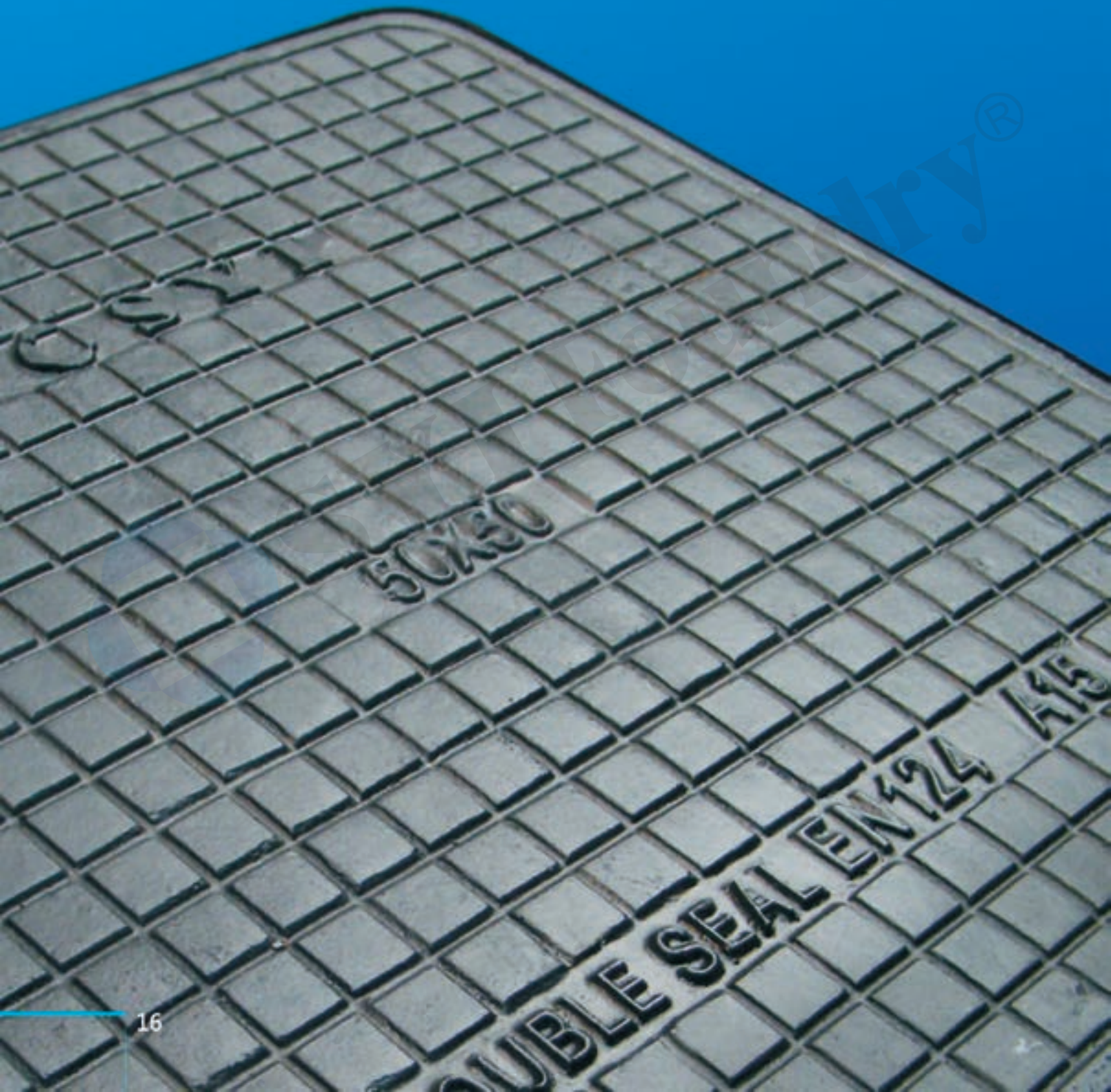
<http://www.syi-foundry.com>



Manhole Cover Series

Class A15 Specifications

www.sylfoundry.com



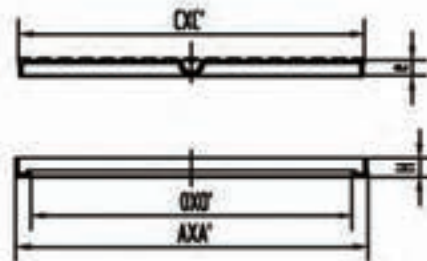
Manhole Cover Series Class A15 Specifications



- * Grey Cast Iron
- * Single Seal
- * Precasted Lifting Handle



A15

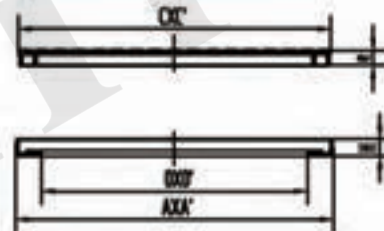


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
2626A1	264×264	300×300	16	284×284	11	124
3737A1	370×370	450×450	30	430×430	15	60

- * Grey Cast Iron
- * Double Seal



A15

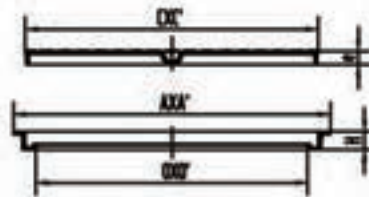


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
1717A2	170×170	250×250	30	232×232	20	128
2222A2	220×220	300×300	30	282×282	20	128
3232A2	320×320	400×400	30	382×382	20	128
4242A2	420×420	500×500	35	482×482	20	56
5252A2	520×520	600×600	40	582×582	20	25
6262A2	620×620	700×700	50	682×682	20	20

Manhole Cover Series Class A15 Specifications

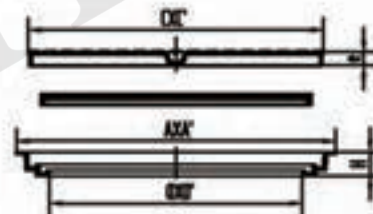


- * Grey Cast Iron
- * Single Seal
- * Precasted Lifting Handle



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
1818A5	180×180	294×294	20	212×212	14	200
2828A5	280×280	394×394	20	312×312	14	100
3838A5	380×380	494×494	20	412×412	14	100
4848A5	480×480	594×594	20	512×512	14	50
5858A5	580×580	694×694	20	612×612	14	50
6868A5	680×680	800×800	20	712×712	14	50

- * Grey Cast Iron
- * Single Seal
- * Precasted Lifting Handle
- * Double Covers



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
1515A5X	150×150	294×294	80	212×212	14	12
2525A5X	250×250	394×394	80	312×312	14	12
3535A5X	350×350	494×494	80	412×412	14	12
4545A5X	450×450	594×594	85	512×512	14	12
5555A5X	550×550	694×694	80	612×612	14	12
6565A5X	650×650	794×794	85	712×712	14	11

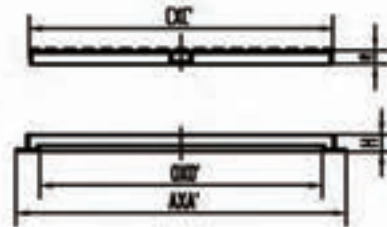
Manhole Cover Series Class A15 Specifications



- * Grey Cast Iron
- * Single Seal
- * Closed Key Holes



A15

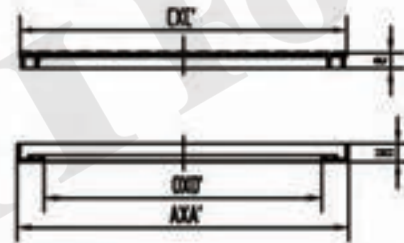


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
4560A1	450x600	550x700	40	486x636	34	25

- * Grey Cast Iron
- * Double Seal



A15



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
1727A2	170x270	250x350	30	232x332	20	120
2232A2	220x320	300x400	30	282x382	20	120
2737A2	270x370	350x450	30	332x432	20	60
3242A2	320x420	400x500	35	382x482	20	56
4252A2	420x520	500x600	45	482x582	20	40
5262A2	520x620	600x700	45	582x682	20	20
4562A2	450x620	550x700	40	532x682	20	25



Manhole Cover Series

Class B125 Specifications

Manhole Cover Series Class B125 Specifications



- * Ductile Iron
- * Single Seal
- * Hinge Type
- * Lockable Type (optional)

B125
125 KN
12.5 MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
40B1	Φ400	Φ510	40	Φ442	34	25
45B1	Φ450	Φ560	40	Φ480	34	25
55B1	Φ550	Φ660	40	Φ575	25	25
57B1	Φ566	Φ770	90	Φ596	19	11
60B1	Φ600	Φ710	40	Φ630	25	11
60B1X	Φ600	700X700	75	Φ630	25	13

- * Ductile Iron
- * Double Seal
- * Closed Key Holes

B125
125 KN
12.5 MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
60B2	Φ600	Φ750	40	Φ708	34	25

Manhole Cover Series Class B125 Specifications

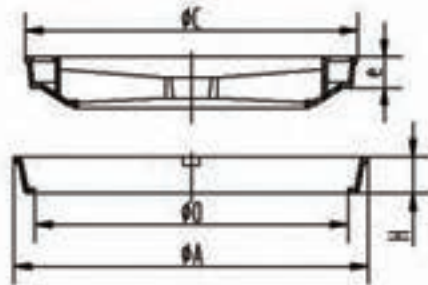


- * Ductile Iron
- * Concrete Manhole Cover
- * Two Lifting Key Holes



B125

125 KN
12.5 MT



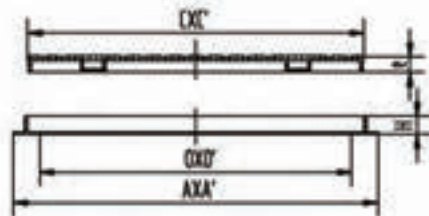
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
50B6	Φ500	Φ560	56	Φ531	41	17
60B6	Φ600	Φ648	60	Φ631	51	17

- * Ductile Iron
- * Inspection Cover(available)
- * Closed Key Holes



B125

125 KN
12.5 MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	OXO'	AXA'	H	CXC'	e	
3030B	300X300	400X400	77	357X357	30	52
4040B	400X400	500X500	77	457X457	30	52
5050B	500X500	600X600	77	557X557	30	26

Manhole Cover Series Class B125 Specifications

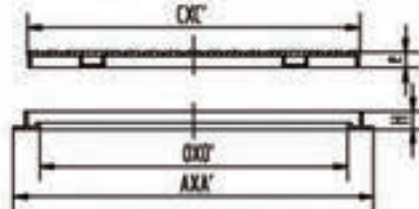


- * Ductile Iron
- * Single Seal
- * Closed Key Holes
- * Cut-Corner Design



B125

125 KN
12.5 MT



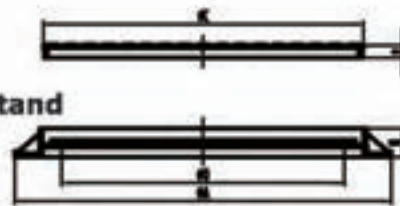
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	OXO'	AXA'	H	CXC'	e	
2020B1	208X208	300X300	30	236X236	24	180
3030B1	300X300	400X400	30	336X336	24	120
4040B1	404X404	500X500	40	436X436	34	80
5050B1	504X504	600X600	40	536X536	34	40
6060B1	604X604	700X700	40	636X636	34	25
7070B1	704X704	800X800	45	735X735	39	22
4545B1	450X450	550X550	40	479X479	34	50

- * Ductile Iron
- * Lockable type
- * Non Removable Hinge
- * EPDM Gasket
- * GRP Provision Available
- * Open 120 Degree, 90 Degree Stand



B125

125 KN
12.5 MT



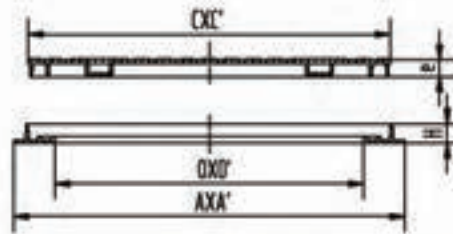
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
60B11	Φ600	Φ800	60	Φ680	26	13
40B3	Φ400	Φ600	60	Φ480	26	13

Manhole Cover Series

Class B125 Specifications

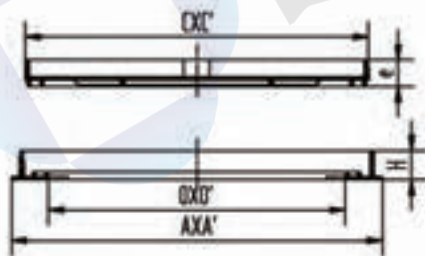


- * Ductile Iron
- * Double Seal
- * Closed Key Holes



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
6060B2	600X600	770X770	40	718X718	35	20
6060B4	600X600	730X730	40	690X690	33	20

- * Ductile Iron
- * Double Seal
- * Recessed Type
- * Two Lifting Key Holes

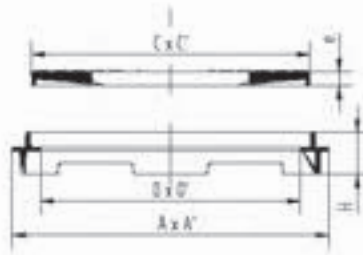


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
6060B8	600X600	750X750	60	700X700	53	17
6060B8X	600X600	750X750	90	700X700	84	11

Manhole Cover Series Class B125 Specifications



- * Ductile Iron
- * Inspection Cover(available)
- * Closed Key Holes



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
2542B	254X425	290X460	68	274X438	30	100
2542BX	254X407	328X528	67	274X438	30	100
2849B	286X492	440X640	77	328X528	30	24
2849BX	286X492	400X600	81	328X528	30	24
3656B	368X566	467X667	83	400X600	32	24
4262B	428X628	529X729	78	468X668	33	24
4262BX	428X628	600X800	78	468X668	33	12
73113B	730X1130	900X1300	69	800X395X3	34	14

Manhole Cover Series

Class B125 Specifications

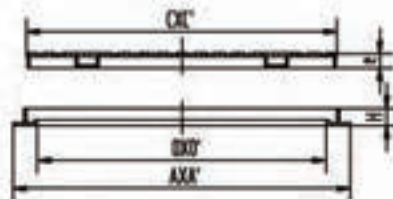


- * Ductile Iron
- * Single Seal
- * Closed Key Hole



B125

125 KN
12.5 MT



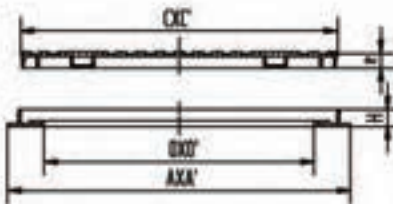
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	OXO'	AXA'	H	CXC'	e	
4560B1	450X600	550X700	40	486X636	34	50
45110B1	450X1100	630X1280	90	510X1160	50	11
5070B1	500X700	600X800	50	562X766	42	20
1932B1	190X320	332X462	50	236X365	40	60
3954B1	390X540	532X682	56	437X588	50	18

- * Ductile Iron
- * Double Seal
- * Close Key Hole



B125

125 KN
12.5 MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	OXO'	AXA'	H	CXC'	e	
4560B2	450X600	600X750	40	558X708	34	25
6090B2	600X900	750X1050	40	720X1020	34	25



Manhole Cover Series

Class C250 Specifications

Manhole Cover Series
Class C250 Specifications

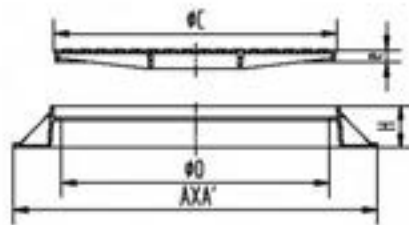


- * Ductile Iron
- * Two Lifting Key Holes
- * Hinge Type



C250

**250 KN
or
25 MT**



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	A X A'	H	ΦC	e	
64C	Φ640	710×710	50	Φ664	44	20



Manhole Cover Series

Class C250 Specifications

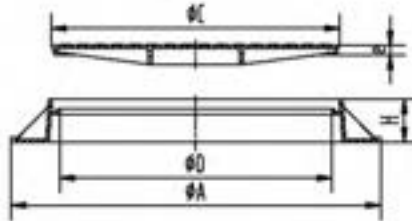


- * Ductile Iron
- * Single Seal
- * Hinge Type
- * Lock (available)



C250

<
250 KN
or
25 MT



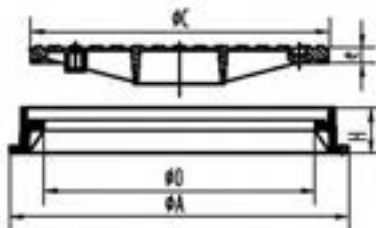
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
57C1	Φ570	Φ700	60	Φ600	54	17
57C1X	Φ570	Φ700	80	Φ600	54	17
60C1	Φ600	Φ800	75	Φ650	38	13
61C1	Φ610	746X746	100	Φ658	35	10
70C1	Φ700	Φ950	75	Φ730	38	13

- * Ductile Iron
- * Double Seal
- * Closed Key Holes



C250

<
250 KN
or
25.MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
60C2	Φ600	Φ750	100	Φ660	18	10
60C4	Φ600	Φ850	100	Φ660	18	10

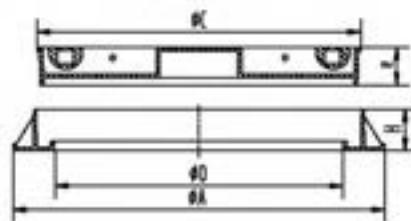
Manhole Cover Series

Class C250 Specifications



- * Ductile Iron
- * Single Seal
- * Concrete Manhole Cover
- * Two Lifting Key Holes

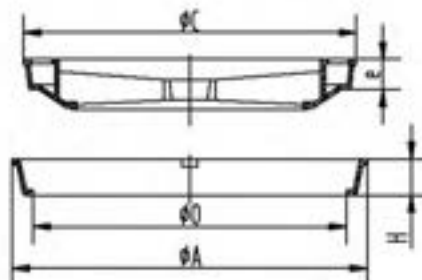

C250
<
250 KN
or
25 MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
69C7	Φ690	Φ890	100	Φ775	92	10

- * Ductile Iron
- * Concrete Manhole Cover
- * Two Lifting Key Holes


C250
<
250 KN
or
25.MT

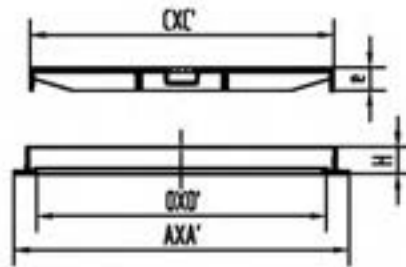


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
50C6	Φ500	Φ563	58	Φ547	51	17
60C6	Φ600	Φ680	69	Φ649	59	14

Manhole Cover Series Class C250 Specifications



- * Ductile Iron
- * Single Seal
- * Closed Key Holes
- * Cut-Corner Design



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	A X A'	H	ΦC	e	
2020C1	208X208	300X300	40	236X236	34	126
3030C1	300X300	400X400	40	336X336	34	80
4040C1	404X404	500X500	46	435X435	39	44
5050C1	504X504	600X600	51	535X535	44	20
6060C1	604X604	700X700	56	635X635	49	18
7070C1	704X704	800X800	65	734X734	58	15
8080C1	804X804	900X900	70	834X834	62	14
4545C1	450X450	550X550	75	485X485	70	26
6060C3	600X600	700X700	45	635X635	40	22



Manhole Cover Series Class C250 Specifications

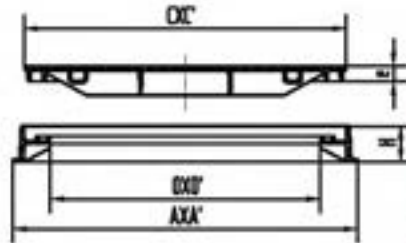


- * Ductile Iron
- * Double Seal
- * Closed Key Hole



C250

**250 KN
or
25.MT**



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
4545C2	450X450	580X580	80	538X538	35	12
6060C2	600X600	770X770	100	718X718	34	10
6060C2X	600X600	770X770	80	718X718	34	12
7676C2	760X760	910X910	80	858X858	35	12
9090C2	900X900	1050X1050	80	998X998	35	12



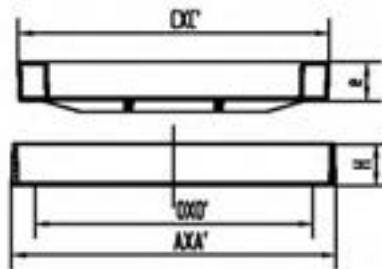
Manhole Cover Series

Class C250 Specifications



- * Ductile Iron
- * Recessed Type
- * Two Lifting Key Holes

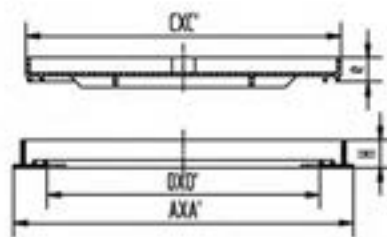

C250

Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
3030C6	300X300	400X400	90	376X376	84	22
4040C6	400X400	500X500	90	476X476	84	22
5050C6	500X500	600X600	90	576X576	84	11
6060C6	600X600	700X700	90	676X676	84	11

- * Ductile Iron
- * Double Seal
- * Concrete Manhole Cover
- * Two Lifting Key Holes


C250

Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
6060C8	600X600	750X750	90	700X700	83	11

Manhole Cover Series Class C250 Specifications

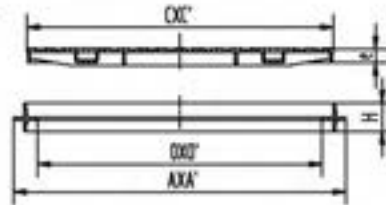


- * Ductile Iron
- * Inspection Cover (available)
- * Closed Key Hole



C250

**250 KN
or
25 MT**



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
2542C	254X425	290X460	68	274X432	30	50
2542CX	254X425	328X528	67	274X432	30	50
2849C	286X492	440X640	77	328X528	30	24
2849CX	286X492	400X600	81	328X528	30	24
3656C	368X566	467X667	83	400X600	32	24
4262CX	428X628	529X729	78	468X668	33	32
4262C	428X628	600X800	78	468X668	33	16
73113C	730X1130	900X1300	69	800X395X3	34	14
5060C	500X600	600X700	55	530X630	30	18



Manhole Cover Series

Class C250 Specifications

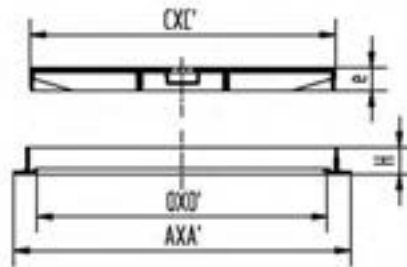


- * Ductile Iron
- * Single Seal
- * Closed Key Hole



C250

<
250 KN
25.MT



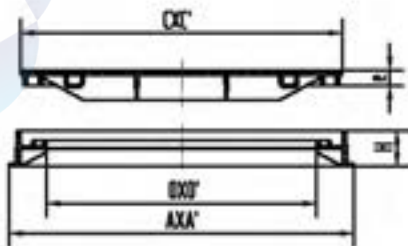
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
4060C1	400X600	500X700	57	436X636	30	36
5070C1	500X700	600X800	60	560X764	52	17
1932C1	190X320	332X462	60	237X368	54	17
2943C1	290X430	492X632	82	334X475	65	12

- * Ductile Iron
- * Double Seal
- * Four Lifting Key Holes



C250

<
250 KN
25.MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
6090C2	600X900	750X1050	80	698X998	35	12



Manhole Cover Series

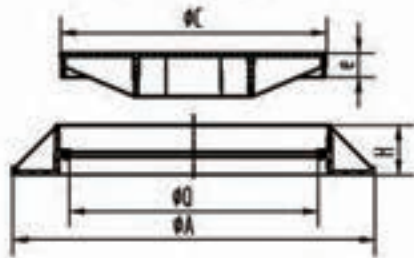
Class D400 *Specifications*

Manhole Cover Series

Class D400 Specifications



- * Ductile Iron
- * Hinge Type
- * Lock(available)



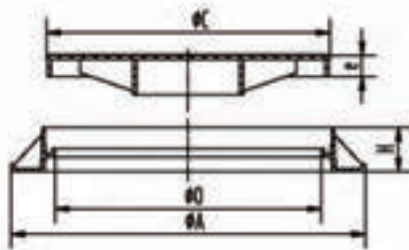
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	Ø X Ø'	A X A'	H	C X C'	e	
50D	Ø500	Ø730	100	Ø536	50	10
60D	Ø600	800X800	100	Ø695	50	10
60DX	Ø600	800X800	100	Ø695	50	10
60D04	Ø600	Ø850	100	Ø648	26	10
61D	Ø610	Ø850	95	Ø646	49	10
61D02	Ø610	700X700	100	Ø645	49	10
61D03	Ø610	850X850	100	Ø645	49	10
61D04	Ø610	746X746	100	Ø645	50	10
71D	Ø710	900X900	102	Ø734	41	10
71DX	Ø710	1000X1000	102	Ø734	41	10
81D	Ø810	1050X1050	100	Ø835	46	10

Manhole Cover Series

Class D400 Specifications



- * Ductile Iron
- * Single Seal
- * Hinge Type
- * Lock(available)
- * With Gasketed Inside



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
57D1	Φ570	700X700	100	Φ600	25	10
60D13	Φ600	Φ800	100	Φ640	58	10
60D15	Φ600	756X756	100	Φ664	85	10
60D18	Φ600	800X800	100	Φ696	50	10
60D19	Φ600	Φ850	100	Φ650	58	10
60D10	Φ600	800X800	83	Φ630	27	10
60D11	Φ600	Φ850	100	Φ650	29	10

Manhole Cover Series

Class D400 Specifications

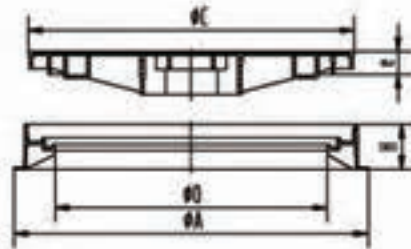


- * Ductile Iron
- * Double Seal
- * Closed Key Hole
- * Lock Available



D400

400 KN
40 MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
60D21	Φ600	Φ780	100	Φ718	38	10
60D22	Φ600	Φ750	100	Φ660	29	10
60D23	Φ600	Φ850	100	Φ660	29	10

- * Ductile Iron
- * Bolts Lockable Type
- * Anti-rocking Gasket
- * Gas Tightness and Water Tightness



D400

400 KN
40 MT



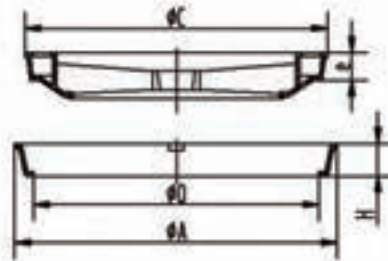
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
60D113	Φ600	Φ850	100	Φ670	52	10
80D1	Φ800	Φ1050	100	Φ870	52	8

Manhole Cover Series

Class D400 Specifications

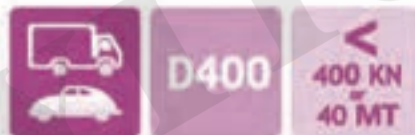


- * Ductile Iron
- * Recessed Type
- * Two Lifting Key Holes



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
40D6	Φ400	Φ456	54	Φ430	40	36
50D6	Φ500	Φ600	93	Φ543	50	11

- * Ductile Iron
- * Lock Available
- * Non Removable Hinge
- * GRP Provision
- * Open 120 Degree
- * 90 Degree Stand
- * Anti-rocking Gasket



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
61131D1	610X1310	810X1510	100	654X677	50	6
4491D1	445X915	655X1125	100	479X490	50	10
60D16	Φ602	Φ800	100	Φ675	50	10
67D1	Φ675	Φ850	100	Φ750	50	10

Manhole Cover Series

Class D400 Specifications



- * Ductile Iron
- * Self Locking System
- * Non Removable Hinge
- * Anti-rocking Gasket
- * 90 Degree Stand



D400

400 KN
40 MT



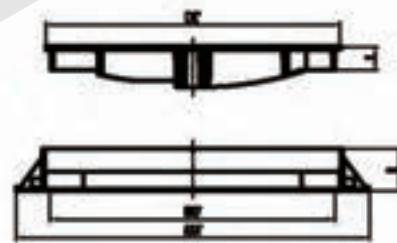
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
60D31	Φ600	Φ760	100	Φ640	25	10
60D31X	Φ600	Φ760	100	Φ640	25	10
4646D	468X468	610X630	100	510X510	42	10

- * Ductile Iron
- * Double Triangular Design
- * Closed Key Hole
- * With GRP Provision
- * Hinged Type



D400

400 KN
40 MT



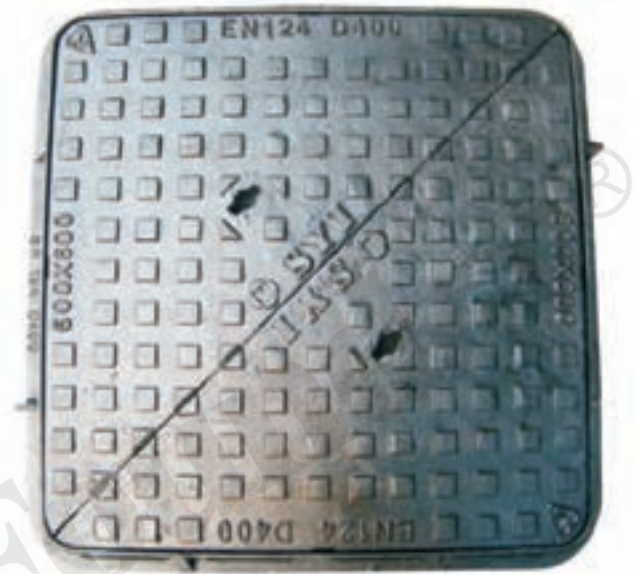
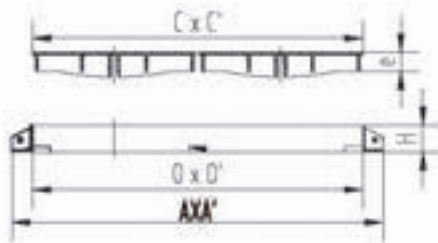
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
6767D07	675X675	825X825	100	695X695	55	10

Manhole Cover Series

Class D400 Specifications



- * Ductile Iron
- * Double Triangular
- * Closed Key Hole



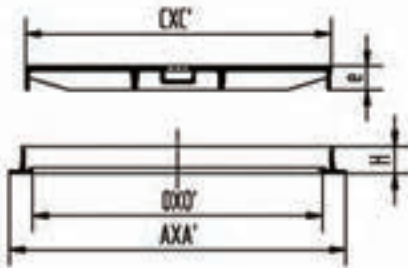
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
6060D	600X600	750X750	100	595X595	50	10
6060D03	600X600	740X740	100	600X600	80	10
6060D03X	600X600 HA	755X755	100	600X600	80	10
6060D05	600X600	750X750	150	600X600	80	7
6060D05X	600X600 HA	755X755	150	600X600	80	7
6767D	675X675	839X839	150	675X675	80	7
6767D03	675X675	830X830	100	675X675	80	10
6767D03X	675X675 HA	820X820	100	675X675	80	10
6767D05	675X675	830X830	150	675X675	80	7
6767D05X	675X675 HA	820X820	150	675X675	80	7

Manhole Cover Series

Class D400 Specifications



- * Ductile Iron
- * Single Seal
- * Closed Key Hole
- * Cut-corner Design



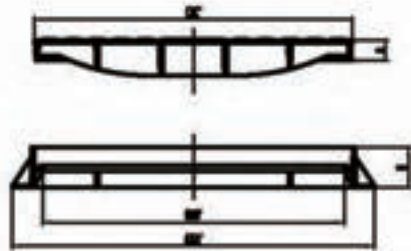
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
3030D1	300X300	400X400	100	332X332	50	40
4040D1	400X400	500X500	100	428X428	50	32
5050D1	500X500	600X600	100	532X532	50	10
6060D1	600X600	700X700	100	633X633	50	10
7070D1	700X700	800X800	100	733X733	50	10
8080D1	800X800	900X900	100	833X833	50	10
9090D1	900X900	1000X1000	100	933X933	50	10
100100D1	1000X1000	1100X1100	100	1033X1033	50	10
110110D1	1100X1100	1200X1200	100	1133X1133	51	10
4545D1	450X450	550X550	100	490X490	50	20

Manhole Cover Series

Class D400 Specifications

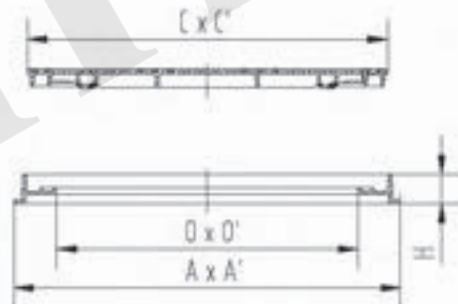


- * Ductile Iron
- * Non Removable Hinge
- * Lockable or Non-lockable
- * Single Seal
- * Ventilated or Solid Top



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
9090D1X	900X900	1040X1065	100	940X940	50	8
7575D1	750X750	900X900	100	790X790	50	10

- * Ductile Iron
- * Double Seal
- * Closed Key Hole
- * Cut-corner Design



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
4545D2	450X450	580X580	80	538X538	35	20
6060D4	600X600	750X750	100	694X694	50	10
6060D2	600X600	800X800	100	740X740	50	10
9090D2	900X900	1100X1100	100	1028X1028	50	10
120120D2	1200X1200	1500X1500	100	1386X1386	50	10

Manhole Cover Series

Class D400 Specifications



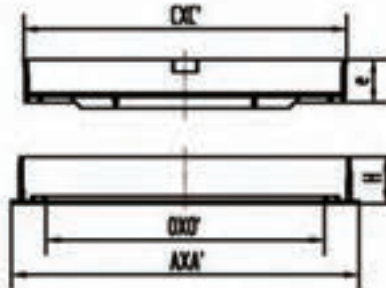
- * Ductile Iron
- * Double Seal
- * Recessed Type
- * Two Lifting Key Holes



D400



400 KN
or
40 MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
6060D8	600X600	750X750	90	694X694	84	11

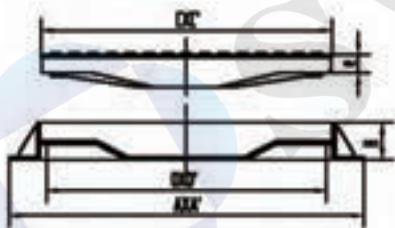
- * Ductile Iron
- * Double Triangular
- * Closed Key Hole



D400



400 KN
or
40 MT



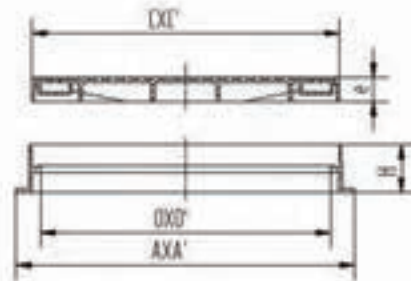
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
75120D	750X1200	950X1400	100	780X551	50	5
67122D	675X1220	825X1370	150	665X600	55	4
67122D03	1220X675	1345X800	150	675X609	80	5
67122D01	1220X675	1345X800	100	675X609	80	6
67183D	675X1830	825X1980	150	665X600	55	3

Manhole Cover Series

Class D400 Specifications

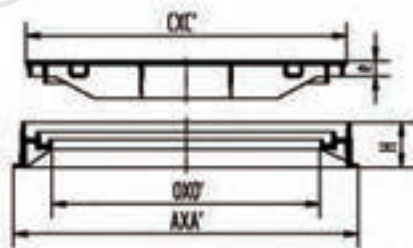


- * Ductile Iron
- * Single Seal
- * Closed Key Hole



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
4560D1	450X600	550X750	75	486X636	69	14
5070D1	500X700	600X800	75	536X736	69	14
6075D1	600X750	750X900	100	640X790	70	10
2943D1	290X430	492X632	100	334X475	65	10
4893D1	480X930	660X1115	96	535X990	70	10

- * Ductile Iron
- * Double Seal
- * Closed Key Hole



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
4560D2	450X600	620X770	100	568X718	38	10
6090D2	600X900	900X1200	100	728X1028	50	10

Manhole Cover Series
Class E600 Specifications

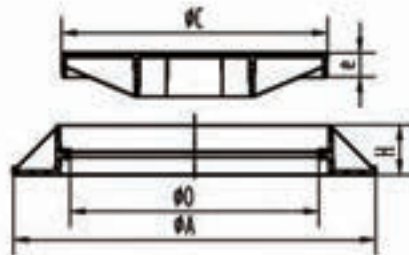


- * Ductile Iron
- * Hinge Type
- * Lock(available)



E600

<
600 KN
60 MT



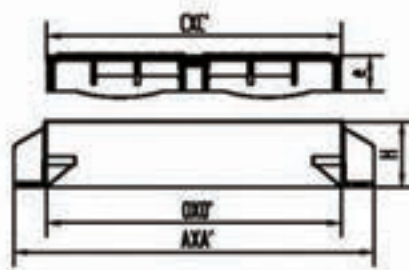
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	A X A'	H	ΦC	e	
610E01	Φ610	850X850	100	Φ651	46	10
610E02	Φ610	Φ850	95	Φ646	49	10

- * Ductile Iron
- * Double Triangular
- * Closed Key Hole



E600

<
600 KN
60 MT



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
6767E	675X675	875X875	150	675X675	128	6

SYI Gully Grating Series

EN 124



<http://www.syi-foundry.com>

 **A15** \lt
15 kN
1.5 MT

 **B125** \lt
125 kN
12.5 MT

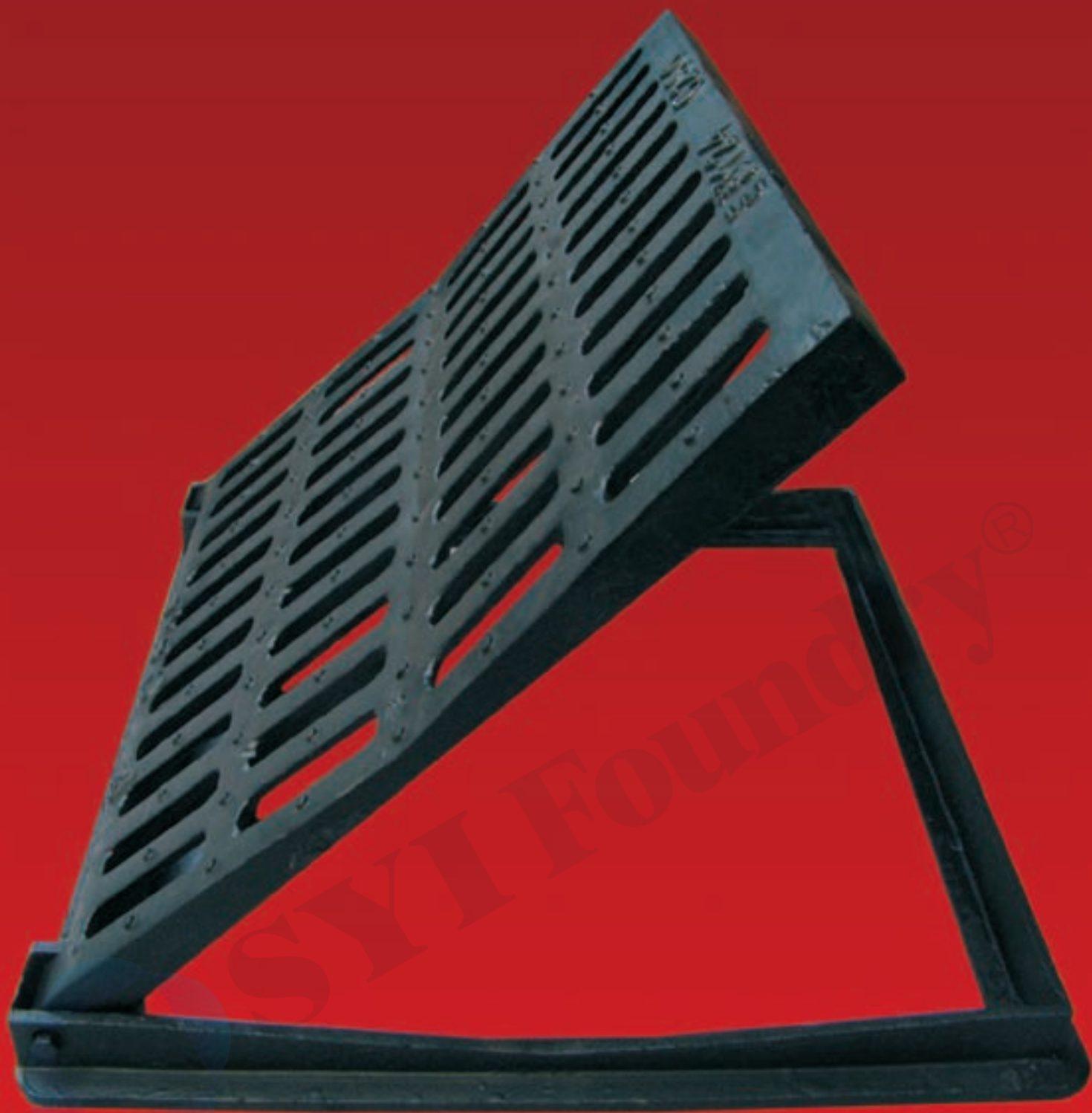
 **C250** \lt
250 kN
25 MT

 **D400** \lt
400 kN
40 MT

 **E600** \lt
600 kN
60 MT

 **F900** \lt
900 kN
90 MT





[Http://www.sylfoundry.com](http://www.sylfoundry.com)

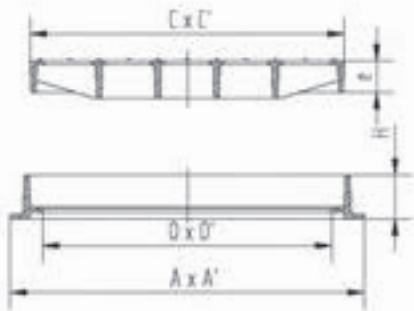
Gully Grating Series *Class C250 Specifications*

Gully Grating Series

Class C250 Specifications



- * Ductile Iron
- * Flat Top
- * Hinge (available)



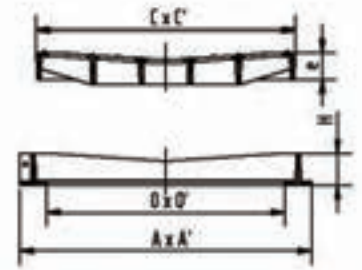
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G1919C	190X190	300X300	40	238X238	33	135
G2828C	280X280	400X400	46	349X349	39	80
G3838C	380X380	500X500	49	433X433	38	80
G4848C	480X480	600X600	54	535X535	44	18
G5757C	570X570	700X700	60	636X636	50	17
G3030C	300X300	400X400	50	336X336	43	80
G4040C	400X400	500X500	50	436X436	43	80
G5050C	500X500	600X600	50	536X536	43	80

Gully Grating Series

Class C250 Specifications



- * Ductile Iron
- * V-shape Top
- * Hinge Type



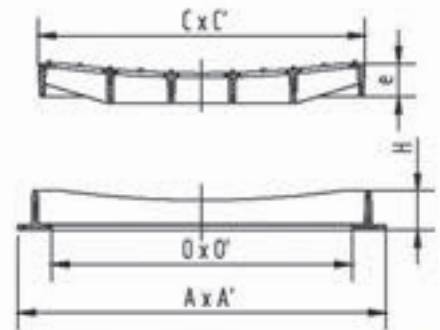
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G2321C2	230X215	300X300	47	236X254	40	135
G2828C2	285X285	400X400	47	326X338	40	80
G3939C2	390X390	500X500	47	429X429	40	80
G4343C2	430X430	550X550	50	482X482	43	50
G4747C2	476X476	570X570	70	502X502	21	28
G4747C2X	476X476	570X570	90	502X502	21	22
G4949C2	490X490	600X600	47	546X531	39	20
G5858C2	580X580	700X700	67	623X634	59	15

SYI Gully Grating Series

Class C250 Specifications



- * Ductile Iron
- * Dish-shape Top
- * Hinge (available)



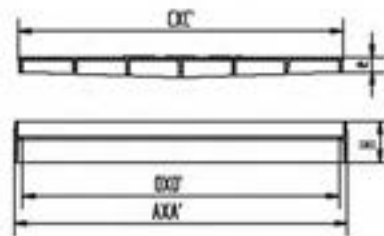
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G1919C3	190X190	300X300	40	238X240	33	135
G2828C3	280X280	400X400	46	348X348	39	80
G3838C3	380X380	500X500	49	433X433	38	80
G4848C3	480X480	600X600	54	535X537	43	18
G5757C3	570X570	700X700	60	636X640	50	17
G6969C3	690X690	800X800	75	735X735	55	13

Gully Grating Series

Class C250 Specifications

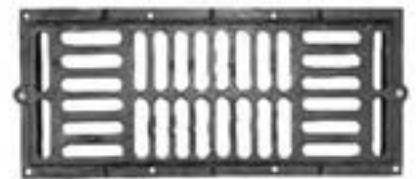
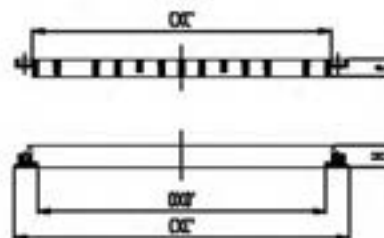


- * Ductile Iron
- * Flat Top
- * Hinge Type



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G3031C	300X310	400X400	50	331X328	43	80
G4041C	400X410	500X500	50	431X438	43	80
G4577C	450X778	700X818	100	470X798	37	10
G5051C	500X510	600X600	60	531X538	53	20
G6061C	600X610	700X700	70	631X638	63	14

- * Ductile Iron
- * Flat Top



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G3840C	384X404	480X520	80	364X390	53	12
G4785C	470X850	580X950	75	520X900	45	13
G3080C	300X806	400X906	46	320X830	36	22
G5484C	544X844	640X940	80	580X880	40	12

Gully Grating Series

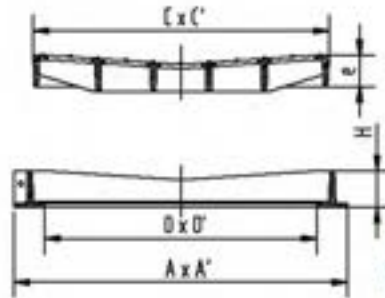
Class C250 Specifications



- * Ductile Iron
- * V-shape Top
- * Hinge Type

C250

250 KN
or
25 MT

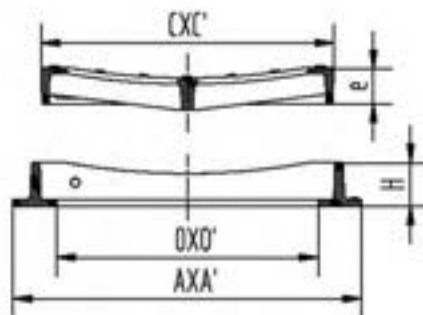


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G3031C2	300X310	400X400	47	338X320	40	80
G4041C2	400X410	500X500	47	429X438	40	80
G5051C2	500X510	600X600	47	546X553	39	20
G6061C2	600X610	700X700	67	634X623	59	15

- * Ductile Iron
- * Dish-shape Top

C250

250 KN
or
25 MT

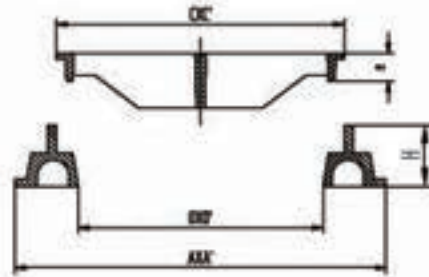


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G3040C3	300X400	400X500	50	336X436	42	80

Gully Grating Series Class C250 Specifications



- * Ductile Iron
- * Continuous Gratings



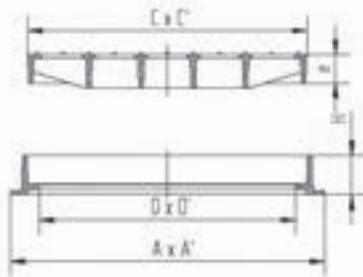
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G15100C4	150X1000	282X1000	60	200X1000	27	51
G20100C4	200X1000	332X1000	60	250X1000	27	51
G25100C4	250X1000	382X1000	60	300X1000	27	34
G35100C4	350X1000	482X1000	60	400X1000	27	34
G2075C4	200X750		60	257X748	28	30
G3075C4	300X750		60	357X748	36	28
G2080C4	200X800		80	246X800	50	40
G20110C4	200X1100		80	246X1100	50	40

Gully Grating Series

Class D 400 Specifications



- Ductile Iron
- Flat Top
- Hinge(Available)



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
G3743D2	370X430	590X460	100	369X428	35	
G3743D2X	370X430	590X460	150	369X428	35	
G3838D	380X380	500X500	75	435X435	55	13
G4242D	420X420	510X580	100	419X418	35	36
G4242DX	420X420	510X580	150	419X418	35	28
G4343D	430X430	550X550	75	485X485	55	13
G4848D	480X480	600X600	75	535X535	55	13
G5757D	570X570	700X700	75	635X635	55	13
G6969D	690X690	800X800	75	735X735	55	13
G7979D	790X790	900X900	90	835X835	55	11

Gully Grating Series

Class D 400 Specifications



- Ductile Iron
- Flat Top
- Hinge Type



D400

<
400 KN
or
40 MT



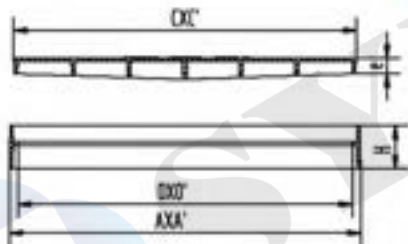
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
G60D	Φ600	850X850	100	Φ646	43	10

- Ductile Iron
- Flat Top



D400

<
400 KN
or
40 MT



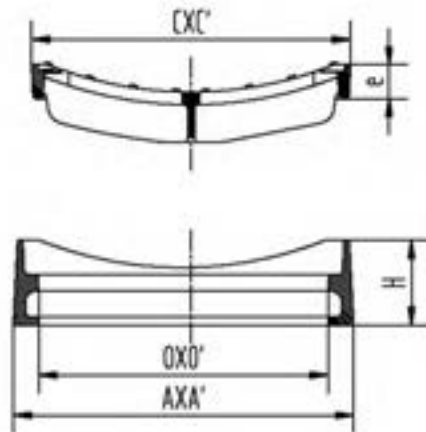
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
G4545D	450X450	524X574	100	450X500	80	10
G4545D1	450X450	550X610	100	450X450	80	10
G3060D	300X600	450X615	100	350X598	55	10
G4590D	450X900	556X1008	100	450X495	80	10
G45135D	450X1350	556X1460	100	450X495	80	10
G2540D	250X400	380X590	100	300X450	60	10
G4070D	400X700	529X886	100	450X750	60	10

Gully Grating Series

Class D 400 Specifications



- Ductile Iron
- Dish-shape Top
- Hinge (available)



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	OXO'	AXA'	H	CXC'	e	
G3444D3	340X440	400X500	100	374X475	40	10



Gully Grating Series
Class E600 F900 Specifications

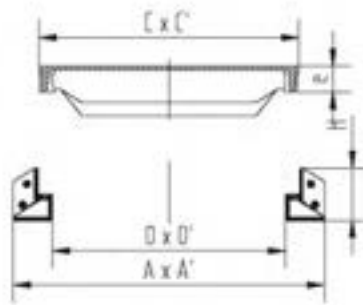


- Ductile Iron
- Continuous Gratings


E600





 600 KN
 60 MT



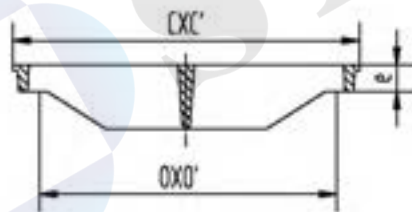
Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G4550E4	450X500	600X500	100	500X500	50	10

- Ductile Iron
- Continuous Gratings


F900



 900 KN
 90 MT

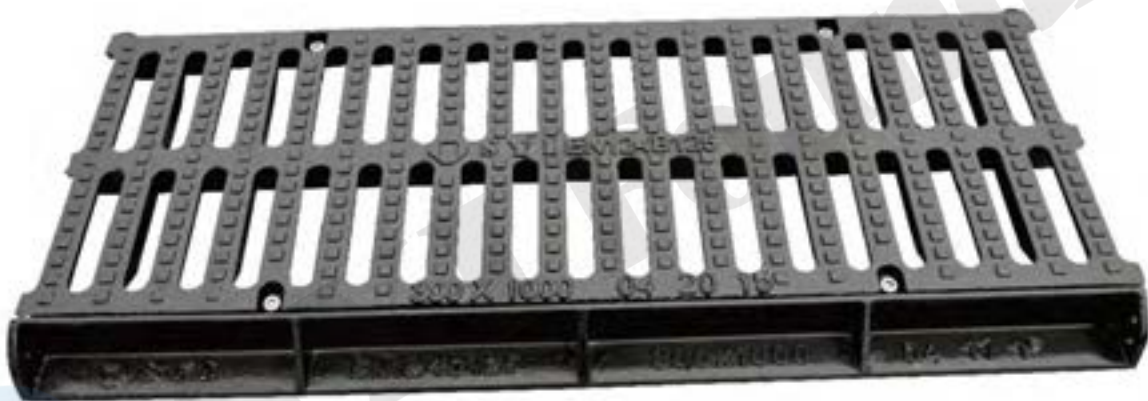
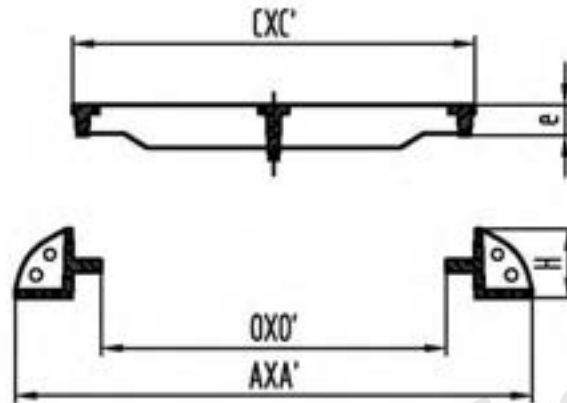


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O x O'	A x A'	H	C x C'	e	
G2150F4	210X500			250X500	20	60
G2250F4	220X500			320X500	35	60
G3250F4	320X500			420X500	35	40

Gully Grating Series New Products Specifications



- * Ductile Iron
- * Bolts Lockable



Class	Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
		O X O'	A X A'	H	C X C'	e	
B125	G30100B4	300X1000	450X1000	60	350X1000	27	6
B125	G50100B4	500X1000	635X1000	50	550X500	27	8
D400	G25100D4	250X1000	400X1000	100	300X1000	50	2
F900	G150150F1	1500X1500	1680X1680	240	778X778	50	1
F900	G30100F4	300X1000	500X1000	100	370X1000	50	10

SYI Surface Box Series

BS 5834



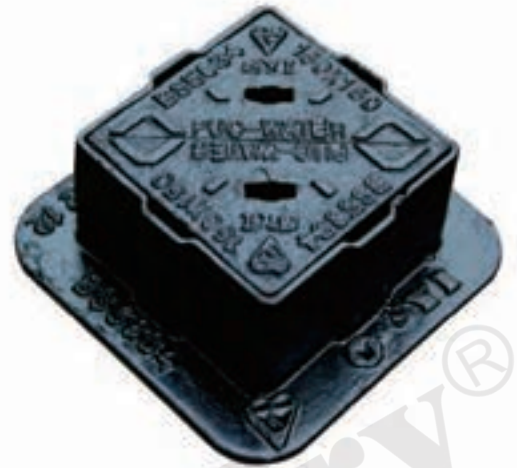
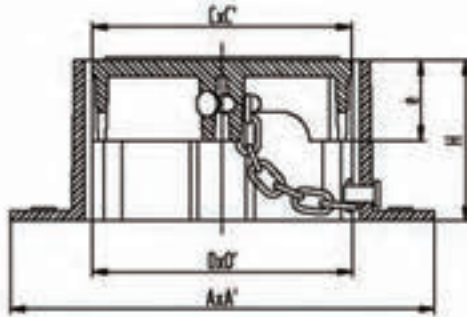
<http://www.syi-foundry.com>



Surface Box Series BS 5834

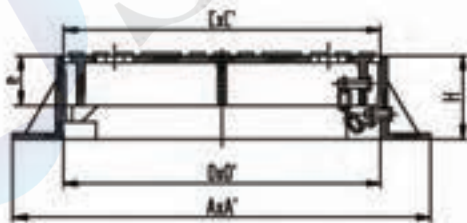


- * Ductile Iron
- * Double Triangular
- * With Chains
- * 2 Lifting Key Holes



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
SB01	150X150	240X240	100	154X154	50	250
SB02	227X227	309X309	105	229X229	50	108

- * Ductile Iron
- * With Chains
- * 2 Lifting Key Holes

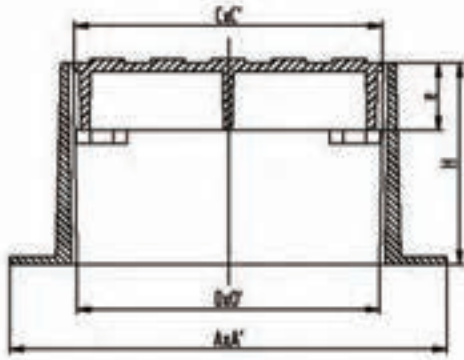


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
SB03	230X380	350X500	100	230X380	80	60
SB12	230X380	380X530	150	280X430	70	36

Surface Box Series BS 5834

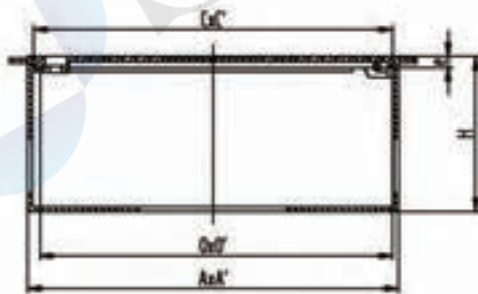


- * Ductile Iron
- * 2 Lifting Key Holes



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
SB11	225X225	325X325	150	227X227	50	72

- * Ductile Iron
- * Hinge Type
- * Lockable Type
- * Water Meter Box

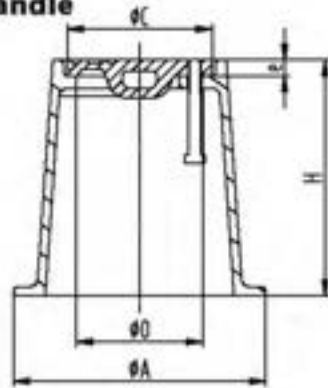


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	O X O'	A X A'	H	C X C'	e	
SB16	178X478	210X500	210	194X484	15	50

Surface Box Series BS 5834

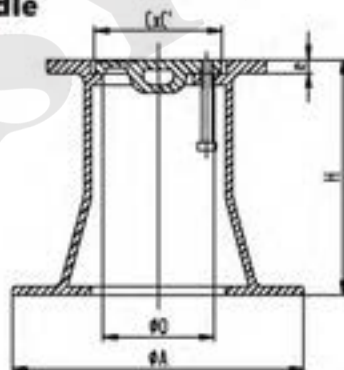


- * Ductile Iron / Grey Cast Iron
- * With Bolt
- * Central Lifting Handle



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB04	Φ80	Φ160	150	Φ94	10	294
SB33	Φ139	Φ240	210	Φ159	23	50

- * Ductile Iron / Grey Cast Iron
- * Lockable Cover with Bolts(available)
- * Lockable Cover with Chains(available)
- * Central Lifting Handle

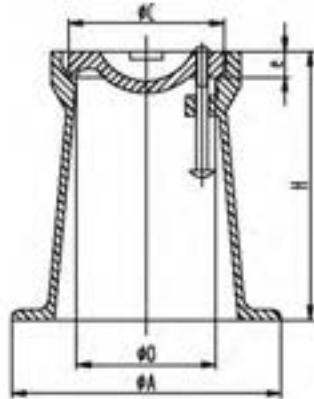


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB08	Φ80	Φ210	170	Φ94	10	216
SB09	Φ80	Φ210	170	Φ94	10	180
SB15	Φ80	Φ160	150	Φ94	10	294

Surface Box Series BS 5834

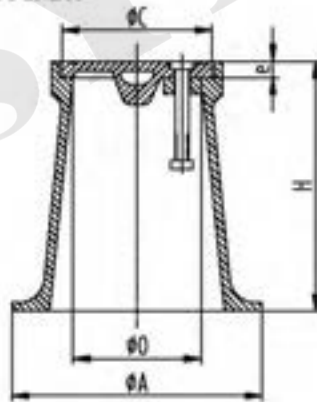


- * Ductile Iron / Grey Cast Iron
- * With Bolt



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB17	Φ140	Φ270	270	Φ157	26	75
SB18	Φ100	Φ200	250	Φ121	22	245

- * Ductile Iron / Grey Cast Iron
- * With Bolt

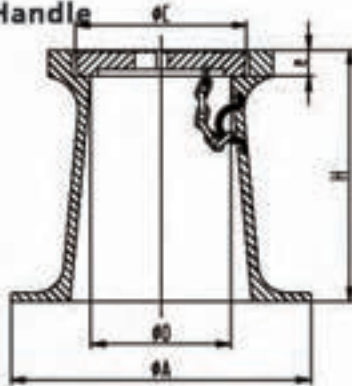


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB13	Φ76	Φ150	150	Φ90	10	384
SB14	Φ100	Φ188	200	Φ120	10	180

Surface Box Series BS 5834

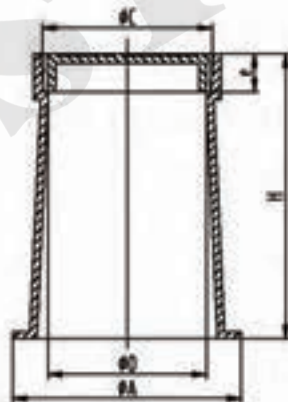


- * Ductile Iron
- * With Chains
- * Central Lifting Handle



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB05	Φ105	Φ214	180	Φ122	19	125
SB36	Φ110	Φ220	150	Φ128	12	216

- * Ductile Iron
- * Solid Top

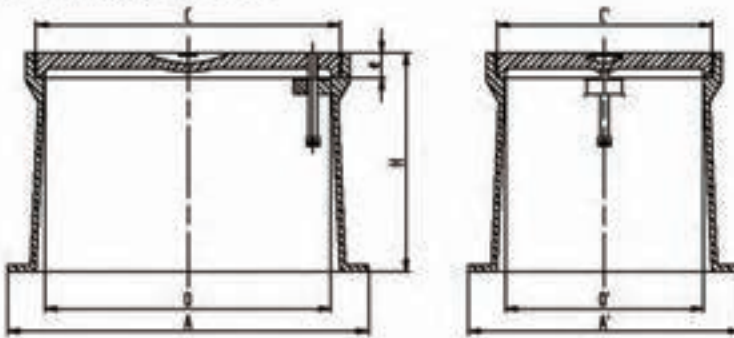


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB10	Φ166	Φ240	300	Φ180	40	60

Surface Box Series BS 5834

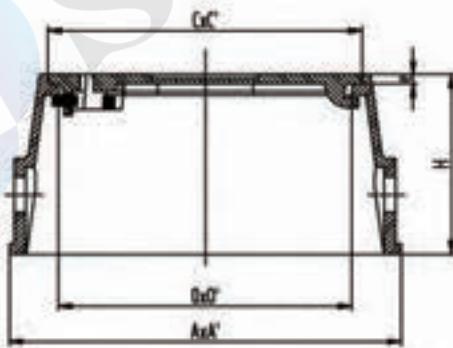


- * Ductile Iron / Grey Cast Iron
- * With Bolt
- * Central Lifting Handle



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	Ø X Ø'	A X A'	H	C X C'	e	
SB06	210X315	315X420	310	236X341	35	27
SB07	280X405	384X510	310	302X427	35	18

- * Ductile Iron / Grey Cast Iron
- * Lockable Type
- * Water Meter Box

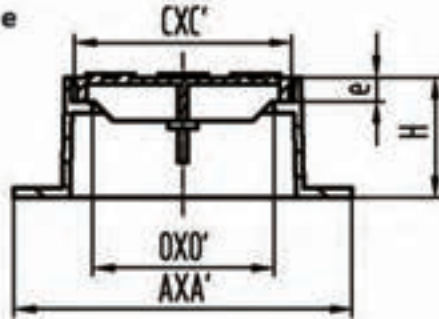


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB19	116X221	191X296	136	132X237	7	105

Surface Box Series BS 5834

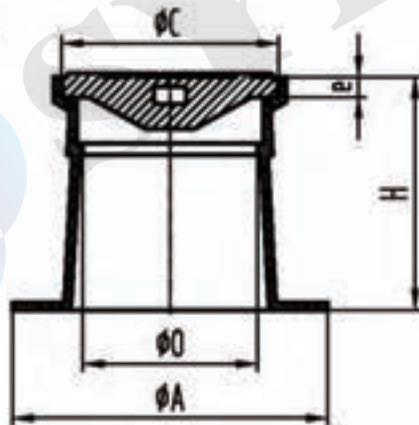


- * Ductile Iron
- * Hinge Type
- * Lockable Type



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB31	150X150	280X280	100	175X180	20	250
SB32	227X227	350X350	100	250X250	35	108

- * Ductile Iron
- * Hinged Type

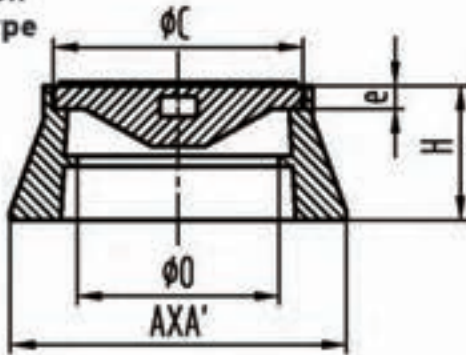


Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB38	$\Phi 150$	$\Phi 270$	200	$\Phi 186$	17	/

Surface Box Series BS 5834



- * Ductile Iron
- * Hinged Type



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	ΦO	ΦA	H	ΦC	e	
SB39	Φ150	250X250	100	Φ186	17	/

- * Ductile Iron
- * Well Cover
- * Bolts Locked
- * Anti-rocking Gasket



Item Code	Frame Dimensions (mm)			Cover Dimensions (mm)		Pieces on Each Pallet
	OXO'	AXA'	H	CXC'	e	
SB190	Φ148	Φ180	42	Φ172	12	250
SB200	Φ135	Φ204	43	Φ194	10	200
150MINI	Φ120	Φ150	168	Φ139	10	300
CE180	Φ146	Φ180	204	Φ169	12	250
CE150	Φ200	Φ234	59	Φ218	12	250



Manhole Cover Series

www.syifoundry.com



Stainless Steel Manhole Covers

[Http://www.syifoundry.com](http://www.syifoundry.com)



SYI Foundry



Aluminum Covers & Fabrication Steel Covers

Aluminum Covers



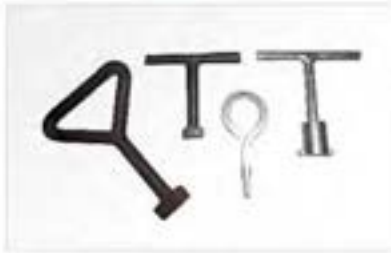
Fabrication Steel Covers



Optional Extras:



Lifting Keys



L/Key – Light duty type lifting keys (T-Type Key)
H/Key – Heavy duty type lifting keys (Hoop Handle as shown)
H/Key/L – Heavy duty long handle type

* Special lifting keys are available

Locking System



Some products are available fitted with different special locking systems.

*SYI patent

Drainage & Air Release Holes



Some access covers are drilled with different numbers of holes, which play the ventilation function.

Sealing Gaskets



Black or white color gasket is used for Non-Rocking or Water-resistant covers. Different shapes and material are available.

Manhole Steps



SYI manhole steps are designed for use in both existing manholes and precast manhole rings. For more information, please refer to "SYI Manhole Step" catalogue.

SYI Manhole Steps



Cast Tomorrows Everyday!



SYI Foundry®



SYI Foundry
Proud Member of SYI Group

Add : No. 8, DiZangAn, Taiyuan, Shanxi, China 030002
Tel : 86-351-2027764 Fax : 86-351-4040962
Email : info@syifoundry.com

www.syifoundry.com