

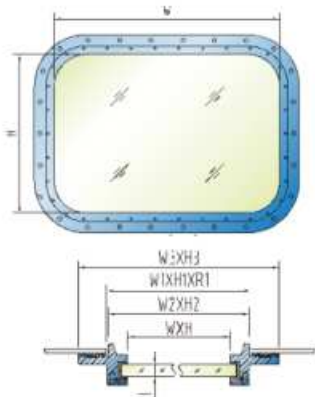
MARINE WINDOWS

CB/T 3226-1995

Fixed Rectangular Window for Wheelhouse

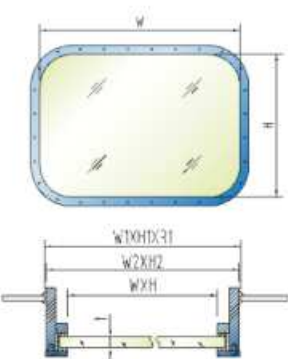
261WHL001-00

BOLTED FIXED RECTANGULAR WINDOW
FOR WHEELHOUSE



261WHL002-00

WELDED FIXED RECTANGULAR WINDOW
FOR WHEELHOUSE



THE HEATING GLASS SHOULD ACCORD TO ISO 3434 WITH
PARAMETERS AS BELOW

FRAME TYPE	DESCRIPTION	FRAME MATERIAL
BH	BOLTED, HEATING GLASS	ALU. ALLOY
BN	BOLTED, TOUGHENED GLASS	BRASS
WH	WELDED, HEATING GLASS	CARBON STEEL
WN	WELDED, TOUGHENED GLASS	

POWER		OVERHEATING PROTECTION	(W/dm ²)		
V	Hz		7	12	17
DC	24	—	CODE		
		G	7G01	12G01	17G01
		S	7S01	12S01	17S01
	110	—	G	7G02	12G02
		S	7S02	12S02	17S02
	220	—	G	7G03	12G03
		S	7S03	12S03	17S03

NOMINAL DIM.	WINDOW FRAME		WALL CUT SIZE		GLASS TH.	
WXH	W2XH2	W3XH3	W1XH1	R	BH	BN
800X630	848X678	930X760	852X682	126	12	15
800X710	848X758	930X840	852X762		12	15
900X630	948X678	1030X760	952X682		12	17
900X710	948X758	1030X840	952X762		12	17
900X800	948X848	1030X930	952X852		12	17
1200X630	1248X678	1330X760	1252X682		15	20
1200X710	1248X758	1330X840	1252X762		15	20
1200X800	1248X848	1330X930	1252X852		15	20
1500X710	1548X758	1630X840	1552X762		15	20
1500X800	1548X848	1630X930	1552X852		15	20
1800X710	1848X758	1930X840	1852X762		15	20
1800X800	1848X848	1930X930	1852X852		15	20
1800X900	1848X948	1930X1030	1852X952		15	20

NOMINAL DIM.	WINDOW FRAME		WALL CUT SIZE		GLASS TH.	
WXH	W2XH2	W3XH3	W1XH1	R	WH	WN
800X630	848X678	930X760	852X682	126	12	15
800X710	848X758	930X840	852X762		12	15
900X630	948X678	1030X760	952X682		12	17
900X710	948X758	1030X840	952X762		12	17
900X800	948X848	1030X930	952X852		12	17
1200X630	1248X678	1330X760	1252X682		15	20
1200X710	1248X758	1330X840	1252X762		15	20
1200X800	1248X848	1330X930	1252X852		15	20
1500X710	1548X758	1630X840	1552X762		15	20
1500X800	1548X848	1630X930	1552X852		15	20
1800X710	1848X758	1930X840	1852X762		15	20
1800X800	1848X848	1930X930	1852X852		15	20
1800X900	1848X948	1930X1030	1852X952		15	20

THE REFERENCE WEIGHT FOR BH-1500X800-12G14
261WHL001-00 IS 65KG.

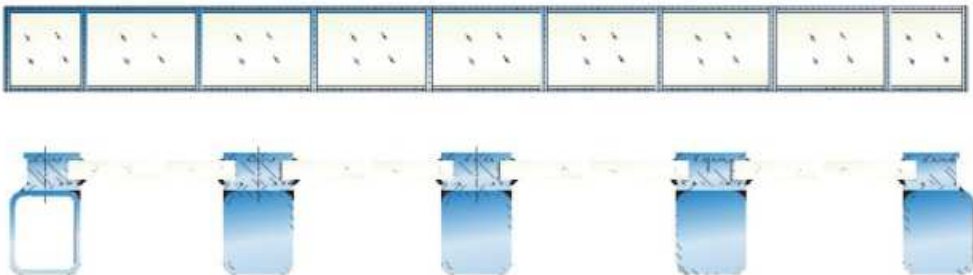
THE REFERENCE WEIGHT FOR WH-1500X800-12G14
261WHL002-00 IS 150KG.



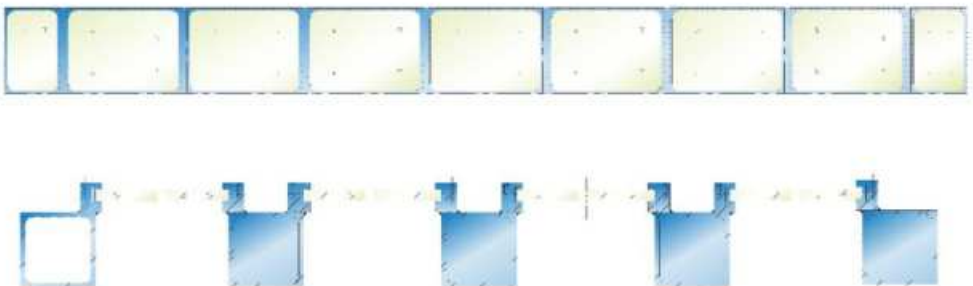
Frame Type Integral Wheelhouse Window



Type I



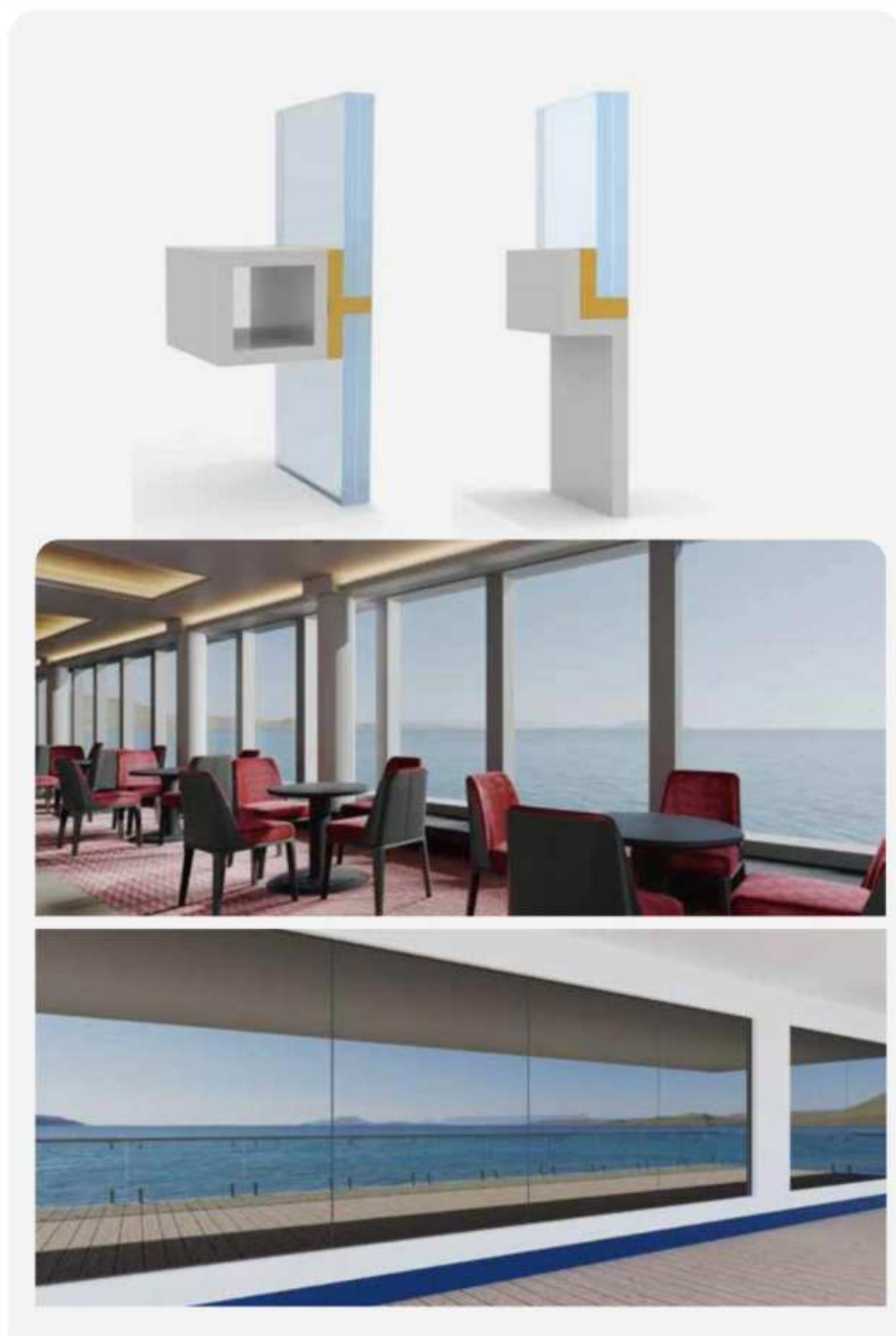
Type II



Applicable for wheelhouse/bridge tower of all kinds of ships and offshore buildings, where is only for observation and operation purposes.



Glass Curtain Wall





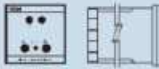
Temperature Control System for Heating Glasses in Wheelhouse

HEATING SERIES GLASS CODE FOR REC. WINDOW

POWER SUPPLY			OVERHEATING PROTECTION	(W/dm²)		
POWER SUPPLY	VOLTAGE V	FREQUENCY Hz		7	12	17
				CODE		
DIRECT CURRENT DC	24	-	G	7G01	12G01	17G01
			S	7S01	12S01	17S01
	110	-	G	7G02	12G02	17G02
			S	7S02	12S02	17S02
	220	-	G	7G03	12G03	17G03
			S	7S03	12S03	17S03
ALTERNATING CURRENT SINGLE PHASE AC/1P	115	50	G	7G11	12G11	17G11
			S	7S11	12S11	17S11
		60	G	7G12	12G12	17G12
			S	7S12	12S12	17S12
	220	50	G	7G13	12G13	17G13
			S	7S13	12S13	17S13
		60	G	7G14	12G14	17G14
			S	7S14	12S14	17S14
ALTERNATING CURRENT THREE PHASES AC/3P	115	50	G	7G31	12G31	17G31
			S	7S31	12S31	17S31
		60	G	7G32	12G32	17G32
			S	7S32	12S32	17S32
	220	50	G	7G33	12G33	17G33
			S	7S33	12S33	17S33
		60	G	7G34	12G34	17G34
			S	7S34	12S34	17S34
	220/380	50	G	7G35	12G35	17G35
			S	7S35	12S35	17S35
		60	G	7G36	12G36	17G36
			S	7S36	12S36	17S36
	440	50	G	7G37	12G37	17G37
			S	7S37	12S37	17S37
		60	G	7G38	12G38	17G38
			S	7S38	12S38	17S38

1. "G" STANDS FOR ADJUST BY GROUP, "S" STANDS FOR ADJUST ONE PIECE.

2. WHEN THE VESSEL TRAVELS NEAR THE POLAR AREA IN NEED OF LARGE ELECTRIC LOAD, PLEASE CONTACT WITH THE MANUFACTURER OF WINDOW OR GLASS.

TYPE	SKETCH	DESCRIPTION
WK03		Light yellow shell, input power 220VAC or 110VAC, Max. output current 16A, sensor –MF111-2 OR TTF103. The controller is pasted on the glass before delivery for convenient mounting and dismounting of glass. The initial temperature range is 36° C~40° C.
WK07		Black shell, input power 220VAC or 110VAC, Max. output current 30A, sensor MF111-2 OR TTF103. The controller is pasted on the glass before delivery with good protection for convenient mounting and dismounting of glass. Also protect the glass from failure result form overheating. The initial temperature range is 36° C~40° C.
WK08		Input power 220VAC or 110VAC, Max. output current 30A, sensor MF111-2 OR TTF103. The controller can be mounted on the console. The initial temperature range is 36° C~40° C.
WK10A	 3-in-1 IN SKETCH	Input power 220VAC or 110VAC, Max. output current 30A, sensor PT100. The controller is mounted on the console, the current temperature of the glass is displayed on the instrument. The temperature controlling units can be integrated and control each glass respectively. The initial temperature range is 36° C~40° C.

THE TEMPERATURE CONTROL SYSTEM FOR HEATING GLASS IN WHEELHOUSE IS DEVELOPED BY OUR COMPANY IN ORDER TO IMPROVE THE HEATING AND TEMPERATURE CONTROL PERFORMANCE OF THE HEATING GLASS. USER CAN CHOOSE APPROPRIATE TYPE UPON ORDER.



Marine Ordinary Rectangular Window

GB/T 5746-2014

USED FOR THE RECTANGULAR WINDOW OF SUPERSTRUCTURE ABOVE FREEBOARD DECK AND DECK HOUSE.
IT MEETS ISO 3903.

1.

SERIES

N	COMMON SERIES	WITH NORMAL SAFETY GLASS
P	FIREPROOF SERIES	FOR A OR B CLASS FIRE DIVISION
H	HEATING SERIES	WITH HEATING IN GLASS

2.

TYPE

E	HEAVY
F	LIGHT

3.

DIMENSION

CODE	NOMINAL SIZE WXH	ILLUSTRATION
1	300x425	
2	355x500	
3	400x560	
4	450x630	
5	500x710	
6	560x800	
7	900x630	
8	1000x710	
9	1100x800	

4.

TYPE FEATURE

OPENING TYPE	OPEN DIR.			INSTALLATION METHOD		OPEN DIR.	APPLICABLE CODE	
				BOLTED	WELDED		E	F
OPENING	INWARD (I)	SIDE HINGED	LEFT (L)	B	W	ILB	1~6	1~6
				-	-	ILW		
			RIGHT (R)	B	W	IRB		
				-	-	IRW		
		TOP HINGED	B	W	ITB	4~8	4~9	
				-	-			ITW
	OUTWARD (O)	SIDE HINGED	LEFT (L)	B	W	OLB	1~6	1~6
				-	-	OLW		
			RIGHT (R)	B	W	ORB		
				-	-	ORW		
		TOP HINGED	B	W	OTB	4~8	4~9	
				-	-			OTW
FIXED				B	W	NOB	1~8	1~9
				-	-	NOW		

Marine Ordinary Rectangular Window

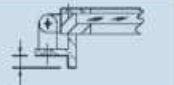
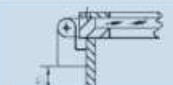
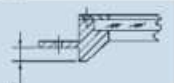
5.

GLASS THICKNESS

RECTANGULAR WINDOW		GLASS THICKNESS IS Y1, THE VALUE IN BRACKET IS FOR FROSTED GLASS											
SERIES	TYPE	CODE FOR NOMINAL DIMENSION											
		1	2	3	4	5	6	7	8	9			
N	E	10	(15)	10	(15)	12	(19)	12	(19)	15	-	15	-
	F	8	(12)	8	(12)	8	(12)	8	(12)	10	(15)	10	(15)
P	E	SEE GB/T 17434											
	F												
H	E	SEE ISO 3434											
	F												

6.

HEIGHT OF SPIGOT

BOLTED TYPE	OPENING		WELDED TYPE	OPENING		ACTUAL HEIGHT
	FIXED			FIXED		THE ACTUAL HEIGHT COULD BE DECIDED UPON ORDER

7.

MATERIAL CODE

MATERIAL CODE	MATERIAL
1	BRASS
2	STEEL
3	ALUMINIUM
4	STEELLESS STEEL
0	NONE

8.

MATERIAL CODE

TYPE	INSTALL TYPE	MATERIAL			MATERIAL CODE
		MAIN FRAME	GLASS HOLDER	GLASS RETAINER	
OPEN	BOLTED	BRASS (1)	BRASS (1)	BRASS (1)	111
		STEEL (2)	STEEL (2)	STEEL (2)	222
		ALUMINIUM (3)	ALUMINIUM (3)	ALUMINIUM (3)	333
	WELDED	STEEL (2)	BRASS (1)	BRASS (1)	211
		STEEL (2)	STEEL (2)	BRASS (1)	221
		STEEL (2)	STEEL (2)	STEEL (2)	222
FIXED	BOLTED	STEEL (2)	ALUMINIUM (3)	ALUMINIUM (3)	233
		BRASS (1)	NO (0)	BRASS (1)	101
		STEEL (2)	NO (0)	STEEL (2)	202
	WELDED	ALUMINIUM (3)	NO (0)	ALUMINIUM (3)	303
		STEEL (2)	NO (0)	BRASS (1)	201
		STEEL (2)	NO (0)	STEEL (2)	202

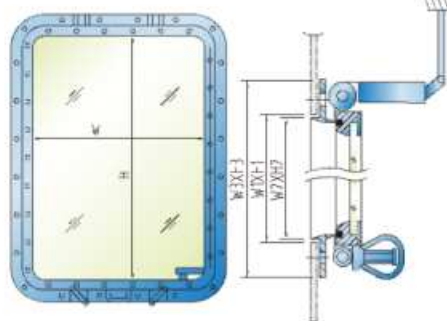
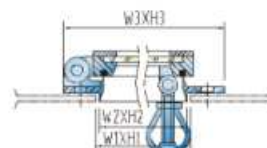
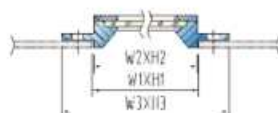
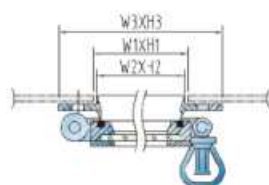
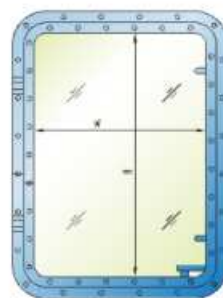
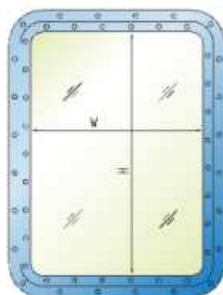
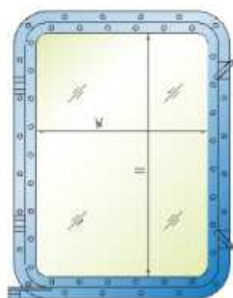


Marine Ordinary Rectangular Window

GB/T 5746-2014

10.

BOLTED RECTANGULAR WINDOW



SERIES	TYPE	CODE	NOMINAL SIZE		OPENING SIZE	WINDOW SEAT		OPENING DIR.
			WXH	W1XH1		W2XH2	W3XH3	
N	E	1	300X425	352X477	76	348X473	424X549	ILB
		2	355X500	407X552	76	403X548	479X624	IRB
		3	400X560	452X612	76	448X608	524X684	ITB
P	F	4	450X630	502X682	126	498X678	574X754	OLB
		5	500X710	552X762	126	548X758	624X834	ORB
		6	560X800	612X852	126	608X848	684X924	OTB
H	F	7	900X630	952X682	126	948X678	1024X754	NOB
		8	1000X710	1052X762	126	1048X758	1124X834	
		9	1100X800	1152X852	126	1148X848	1224X924	

RECTANGLE WINDOW OF COMMON SERIES(N), HEAVY TYPE(E), NOMINAL SIZE 450X630(CODE 4),
SPIGOT HEIGHT 16MM, SIDE HINGED LEFT INWARD OPENING BOLTED TYPE ILB, MATERIAL CODE 111,
TRANSPARENT WINDOW (Y1).

LABELED AS : N-E4X16-ILB-111-Y1 GB/T 5746-2014

THE REFERENCE WEIGHT FOR E4X16-ILB-333-Y1 GB/T 5746-2014 IS 25KG.

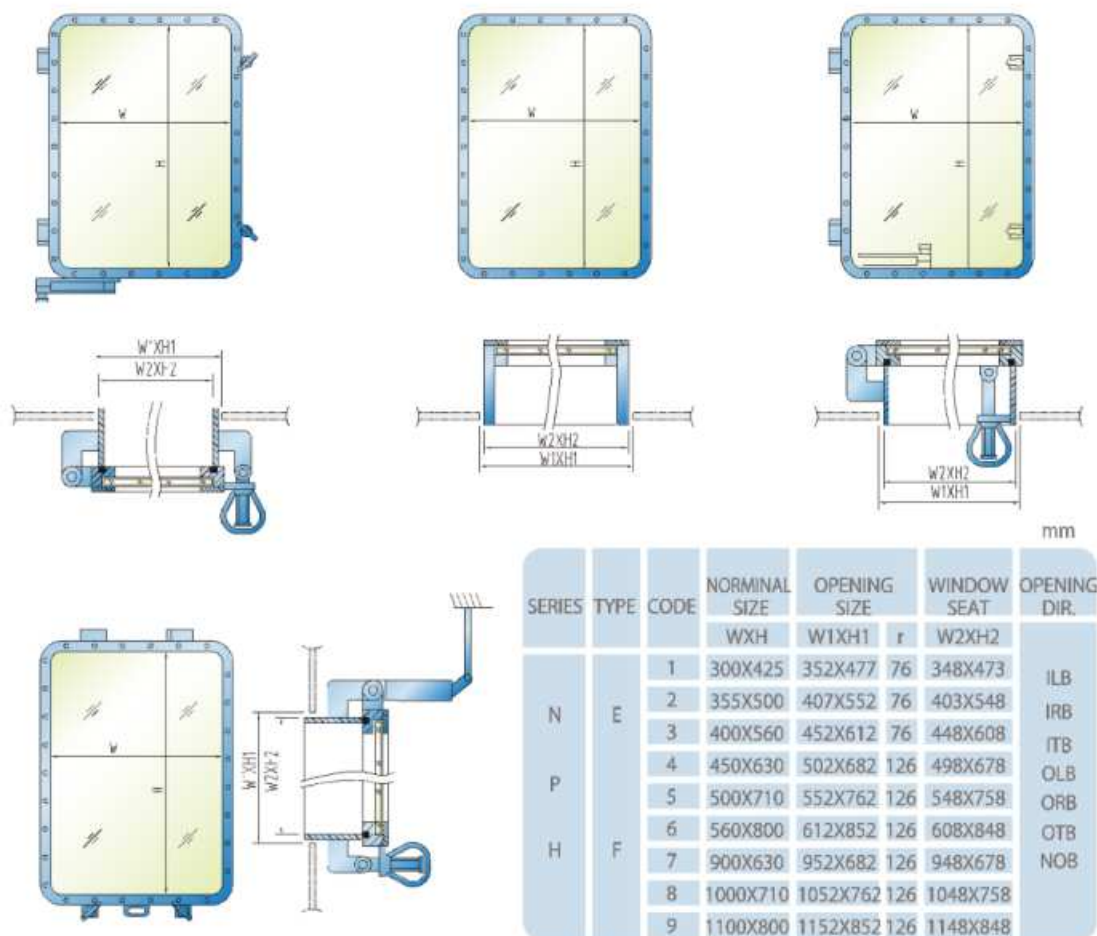


Marine Ordinary Rectangular Window

GB/T 5746-2014

11.

WELDED RECTANGULAR WINDOW



RECTANGLE WINDOW OF COMMON SERIES(N), LIGHT TYPE(F), NOMINAL SIZE 450X560(CODE 3), SPIGOT HEIGHT 16MM, TOP HINGED OUTWARD WELDED TYPE OTW, MATERIAL CODE 211, FROSTED WINDOW (Y2).

LABELED AS : N-F3X30-OTW-211-Y2 GB/T 5746-2014

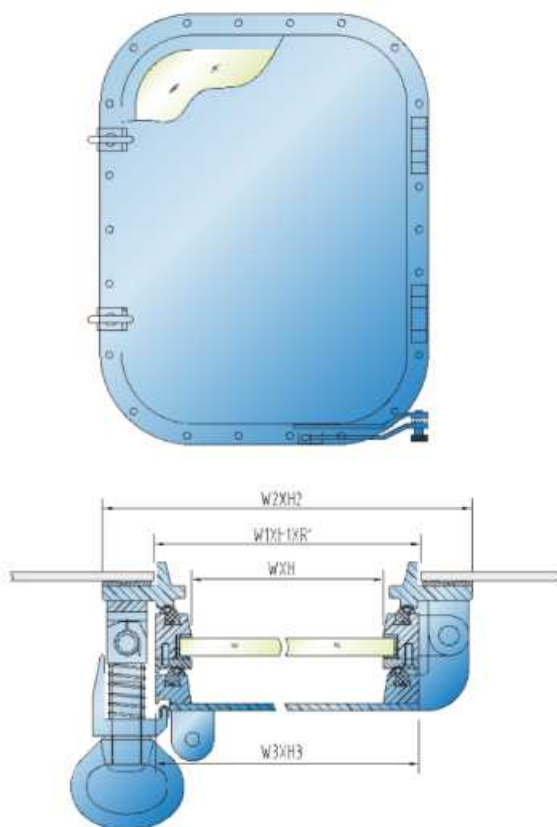
THE REFERENCE WEIGHT FOR E4X16-ILW-233-Y1 GB/T 5746-2014 IS 36KG.



261WHL057-00

Aluminium Inward Side-hinged Rectangular Window with Deadlight

COMPREHENSIVELY APPLIED ON WARSHIP, CHEMICAL TANKER AND HIGH SPEED VESSEL. GOOD TIGHTNESS.

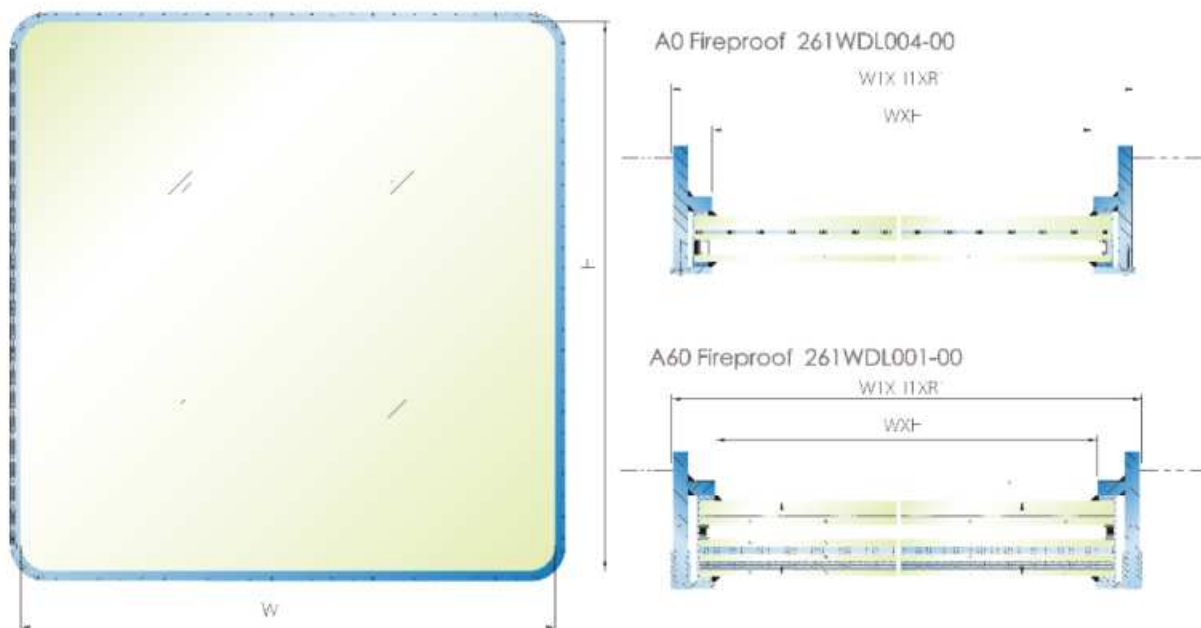


mm

TYPE	CLEAR LIGHT SIZE WXH	WALL CUT SIZE W1XH1XR1	OUTLINE SIZE W2XH2	DEADLIGHT SIZE W3XH3
LI	300X425	352X477XR76	424X549	350X475
	355X500	407X552XR76	479X624	405X550
	400X560	452X612XR76	524X684	450X610
	450X630	502X682XR126	574X754	500X680
RI	500X710	552X762XR126	624X834	550X760
	560X800	612X852XR126	684X924	610X850

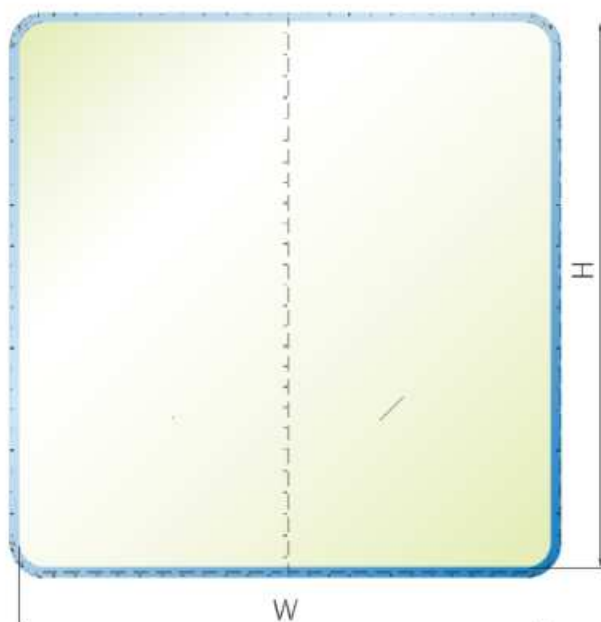
THE REFERENCE WEIGHT FOR 450X630 261WHL 057-00 IS 41KG.

Fireproof Fixed Rectangular Window

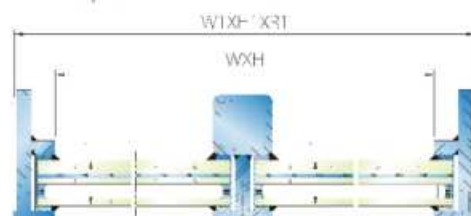


NOMINAL SIZE WXH	WALL CUT SIZE W1XH1XR1	GLASS THICK. Min.	
		A0	A60
400X600	468X668XR126	12+3+5+12+6	12+6+12+25
400X800	468X868XR126	12+3+5+12+6	12+6+12+25
600X1000	668X1068XR126	12+3+5+12+6	12+6+12+25
800X1100	868X1168XR126	12+3+5+12+6	12+6+12+25
1000X1200	1068X1268XR126	12+3+5+12+6	12+6+12+25
1200X1500	1268X1568XR126	12+3+5+12+6	12+6+12+25
1400X1800	1468X1868XR126	12+3+5+12+6	12+6+12+25
1600X1800	1668X1868XR126	12+3+5+12+6	12+6+12+25
1800X1800	1868X1868XR126	12+3+5+12+6	12+6+12+25
2000X1800	2068X1868XR126	12+3+5+12+6	12+6+12+25

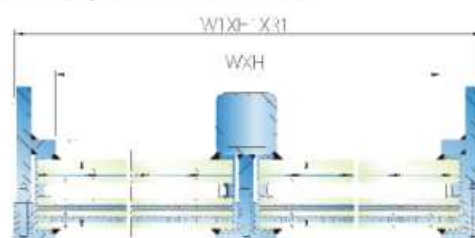
Fireproof Fixed Rectangular Window (with One Rib)



A0 Fireproof 261WDL003-00



A60 Fireproof 261WDL002-00

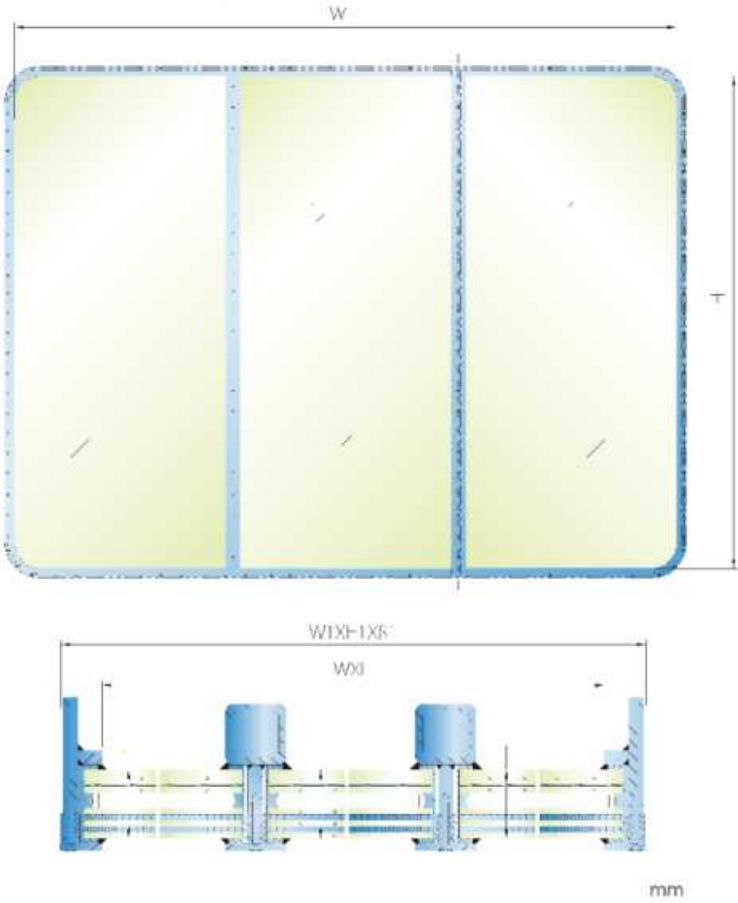


NOMINAL SIZE WXH	WALL CUT SIZE W1XH1XR1	GLASS THICK. Min.	
		A0	A60
450X600	518X668XR126	12+3+5+12+6	12+6+12+25
450X800	518X868XR126	12+3+5+12+6	12+6+12+25
650X1000	718X1068XR126	12+3+5+12+6	12+6+12+25
850X1100	918X1168XR126	12+3+5+12+6	12+6+12+25
1050X1200	1118X1268XR126	12+3+5+12+6	12+6+12+25
1250X1500	1318X1568XR126	12+3+5+12+6	12+6+12+25
1450X1900	1518X1968XR126	12+3+5+12+6	12+6+12+25
1650X1900	1718X1968XR126	12+3+5+12+6	12+6+12+25
1850X1900	1918X1968XR126	12+3+5+12+6	12+6+12+25

mm

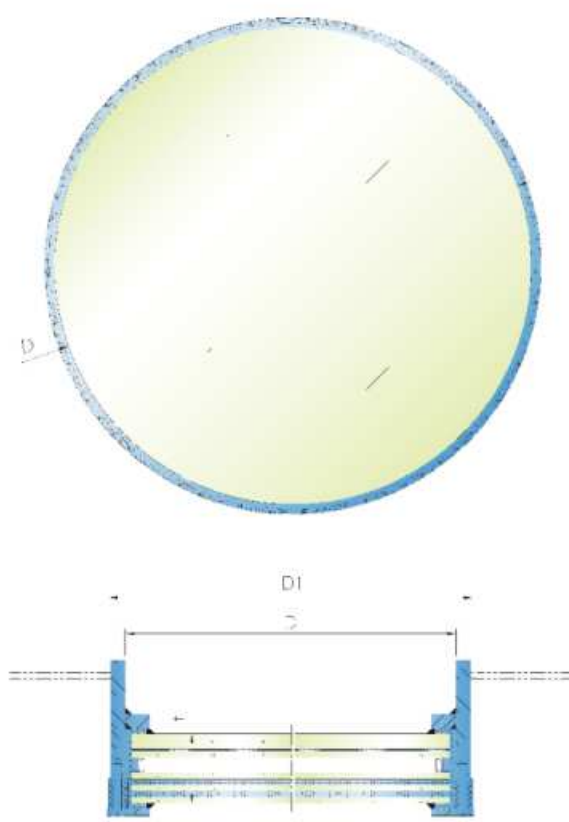


A60 Fireproof Fixed Rectangular Window (with Two Ribs)



NOMINAL SIZE WXH	WALL CUT SIZE W1XH1XR1	GLASS THICK. Min.
850X1100	918X1168XR126	12+6+12+25
1050X1200	1118X1268XR126	12+6+12+25
1250X1500	1318X1568XR126	12+6+12+25
1450X1900	1518X1968XR126	12+6+12+25
1650X1900	1718X1968XR126	12+6+12+25
1850X1900	1918X1968XR126	12+6+12+25
1950X1900	2018X1968XR126	12+6+12+25
2150X1900	2218X1968XR126	12+6+12+25
2350X1900	2418X1968XR126	12+6+12+25

A60 Fireproof Fixed Round Window



mm		
NOMINAL SIZE D	WALL CUT SIZE D1	GLASS THICK. Min.
φ600	φ668	12+6+12+25
φ800	φ868	12+6+12+25
φ900	φ968	12+6+12+25
φ1000	φ1068	12+6+12+25
φ1200	φ1268	12+6+12+25
φ1300	φ1368	12+6+12+25
φ1500	φ1568	12+6+12+25
φ1700	φ1768	12+6+12+25



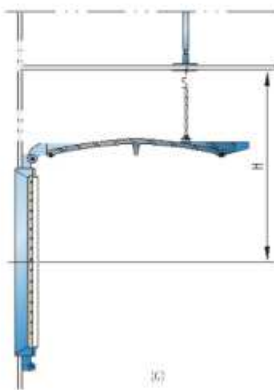
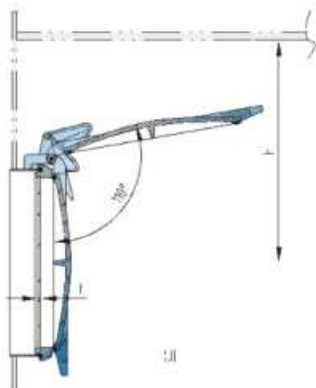
Side Scuttles for Ships

GB/T 14413-2008

USED FOR SEA-GOING SHIP AND WARSHIP, ALSO COULD BE USED FOR INLAND SHIP.

mm

NAME	TYPE	SIZE OF CLEAR D	OPENING		INSTALL TYPE	MATERIAL CODE		DEADLIGHT RETAINING METHOD	GLASS	APPLICATION SCOPE
			OPENING	FIXED		BOLTED	WELDED			
HEAVY	A	φ 200 φ 250 φ 300 φ 350 φ 400	(L) (R)	FIXED (N)	BOLTED (B)	112	212 222	HOOK TYPE (G)	TRANSPARENT (Y1) FROSTED (Y2)	
MEDIUM	B	φ 200 φ 250 φ 300 φ 350 φ 400 φ 450	(S)		WELDED (W)	112 222 333	212 222 333	PAW TYPE (J)		
LIGHT	C	φ 200 φ 250 φ 300 φ 350 φ 400 φ 450	(L) (R)			220 330 110	210 220 230			



MATERIAL CODE

mm

TYPE	INSTALL TYPE	MATERIAL			MATERIAL CODE
		MAIN FRAME	GLASS HOLDER AND RETAINER	DEADLIGHT	
A	BOLTED	BRASS (1)	BRASS (1)	STEEL (2)	112
	WELDED	STEEL (2)	BRASS (1)	STEEL (2)	212
		STEEL (2)	STEEL (2)	STEEL (2)	222
B	BOLTED	BRASS (1)	BRASS (1)	STEEL (2)	112
		STEEL (2)	STEEL (2)	STEEL (2)	222
		ALUMINIUM (3)	ALUMINIUM (3)	ALUMINIUM (3)	333
	WELDED	STEEL (2)	BRASS (1)	STEEL (2)	212
		STEEL (2)	STEEL (2)	STEEL (2)	222
		STEEL (2)	ALUMINIUM (3)	ALUMINIUM (3)	233
C	BOLTED	STEEL (2)	STEEL (2)	—	220
		ALUMINIUM (3)	ALUMINIUM (3)	—	330
		STEEL (2)	BRASS (1)	—	110
	WELDED	STEEL (2)	BRASS (1)	—	210
		STEEL (2)	STEEL (2)	—	220
		STEEL (2)	ALUMINIUM (3)	—	230

mm

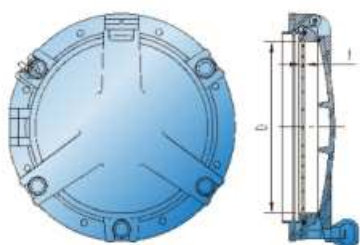
CLEAR LIGHT SIZE D		φ 200	φ 250	φ 300	φ 350	φ 400	φ 450
MIN. DISTANCE FROM CENTER OF SIDE SCUTTLE TO CEILING H	PAW (J)	φ 350	φ 400	φ 450	φ 500	φ 540	φ 580
	HOOK (G)						



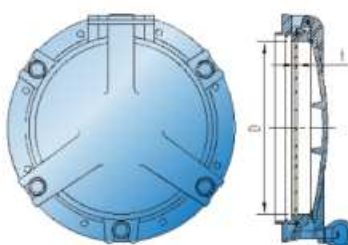
Side Scuttles for Ships

GB/T 14413-2008

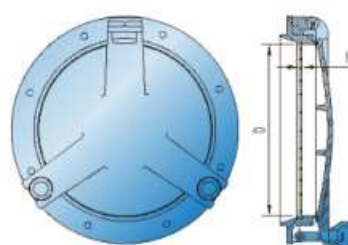
TYPE A - LB(RB)



TYPE A - SB



TYPE A - NB

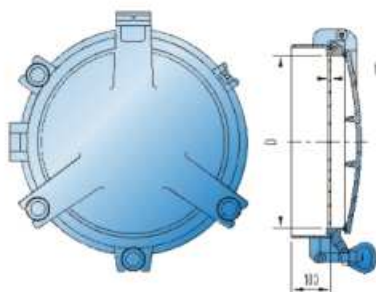


mm

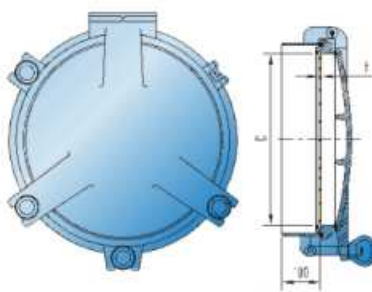
TYPE		NOMINAL SIZE D	t	QTY. OF FASTENER		SIZE OF WALL CUT
				DEADLIGHT	GLASS HOLDER	
A	LB	φ 200	10	2	3	φ 253
	RB	φ 250	12	2	3	φ 308
	SB	φ 300	15	3	3	φ 363
	NB	φ 350	15	3	3	φ 413
		φ 400	19	3	3	φ 463

THE REFERENCE WEIGHT FOR
N-A300-LR-111J-Y1 IS 54KG.

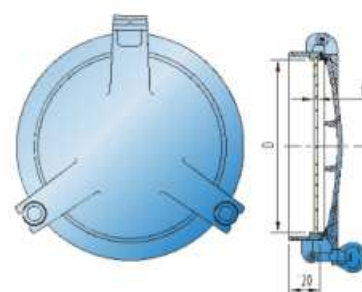
TYPE A - LW(RW)



TYPE A - SW



TYPE A - NW



mm

TYPE		NOMINAL SIZE D	t	QTY. OF FASTENER		SIZE OF WALL CUT
				DEADLIGHT	GLASS HOLDER	
A	LW	φ 200	10	2	3	φ 253
	RW	φ 250	12	2	3	φ 308
	SW	φ 300	15	3	3	φ 363
	NW	φ 350	15	3	3	φ 413
		φ 400	19	3	3	φ 463

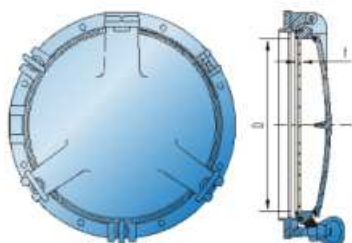
THE REFERENCE WEIGHT FOR
N-A300-SW-211J-Y1 IS 43KG.



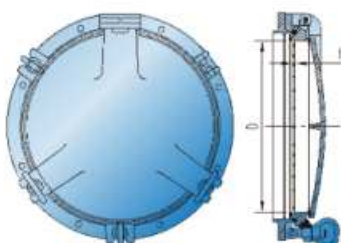
Side Scuttles for Ships

GB/T 14413-2008

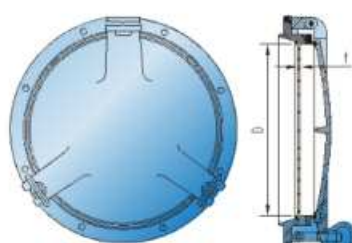
TYPE B - LB(RB)



TYPE B - SB



TYPE B - NB

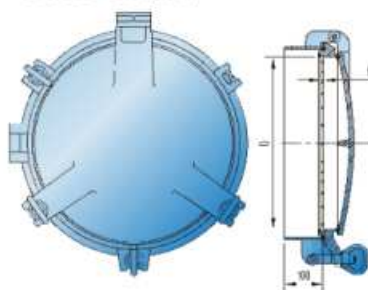


mm

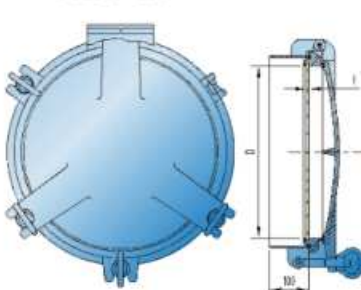
TYPE		NOMINAL SIZE D	t	QTY. OF FASTENER		SIZE OF WALL CUT
				DEADLIGHT	GLASS HOLDER	
B	LB RB SB NB	φ 200	8	2	3	φ 253
		φ 250	8	2	3	φ 308
		φ 300	10	3	3	φ 363
		φ 350	10	3	3	φ 413
		φ 400	12	3	3	φ 463
		φ 450	15	3	4	φ 513

THE REFERENCE WEIGHT FOR
N-8300-LR-333J-Y1 IS 23KG.

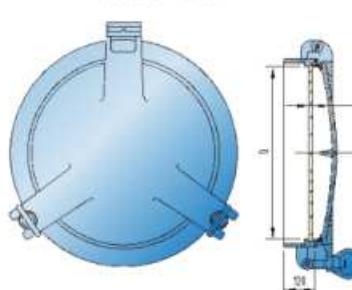
TYPE B - LW(RW)



TYPE B - SW



TYPE B - NW



mm

TYPE		NOMINAL SIZE D	t	QTY. OF FASTENER		SIZE OF WALL CUT
				DEADLIGHT	GLASS HOLDER	
B	LW	φ 200	8	2	3	φ 253
	RW	φ 250	8	2	3	φ 308
	SW	φ 300	10	3	3	φ 363
	NW	φ 350	10	3	3	φ 413
		φ 400	12	3	3	φ 463
		φ 450	15	3	4	φ 513

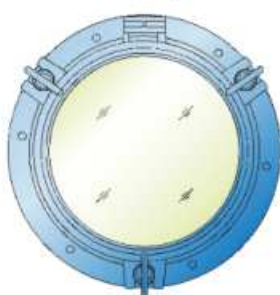
THE REFERENCE WEIGHT FOR
N-8300-SW-211J-Y1 IS 40KG.



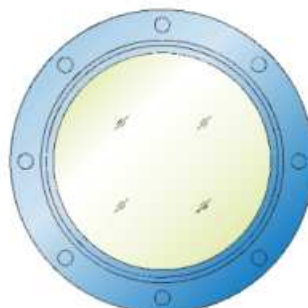
Side Scuttles for Ships

GB/T 14413-2008

TYPE C - LB(RB)



TYPE C - NB

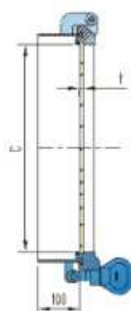
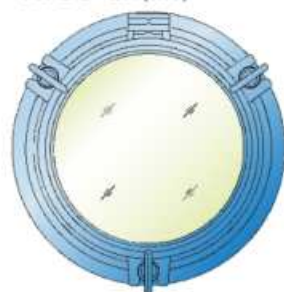


mm

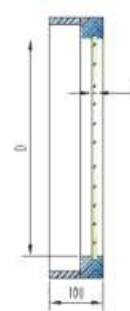
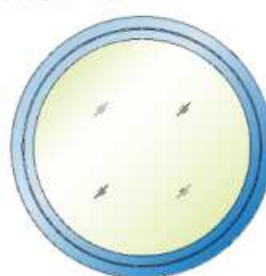
TYPE		NOMINAL SIZE D	t	QTY. OF FASTENER		SIZE OF WALL CUT
				DEADLIGHT	GLASS HOLDER	
C	LB	φ 200	6	—	3	φ 253
		φ 250	6	—	3	φ 308
	RB	φ 300	8	—	3	φ 363
		φ 350	8	—	3	φ 413
	NB	φ 400	10	—	3	φ 463
		φ 450	10	—	4	φ 513

THE REFERENCE WEIGHT FOR
N-C300-LRB-330-Y1 IS 15KG.

TYPE C - LW(RW)



TYPE C - NW



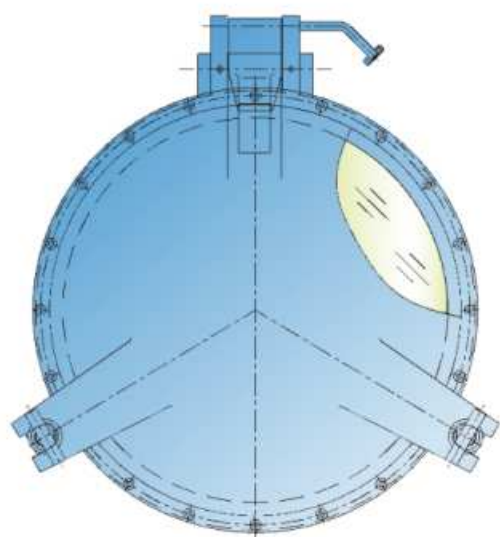
mm

TYPE		NOMINAL SIZE D	t	QTY. OF FASTENER		SIZE OF WALL CUT
				DEADLIGHT	GLASS HOLDER	
C	LW	φ 200	6	—	3	φ 253
		φ 250	6	—	3	φ 308
	RW	φ 300	8	—	3	φ 363
		φ 350	8	—	3	φ 413
	NW	φ 400	10	—	3	φ 463
		φ 450	10	—	4	φ 513

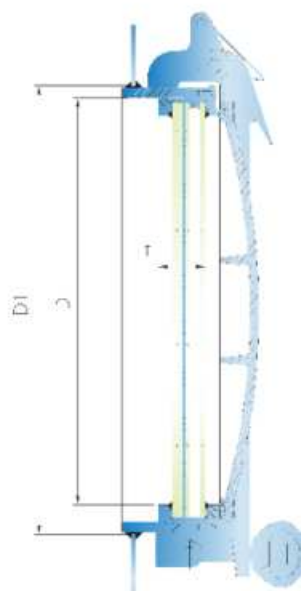
THE REFERENCE WEIGHT FOR
N-C300-LRW-210-Y1 IS 25KG.



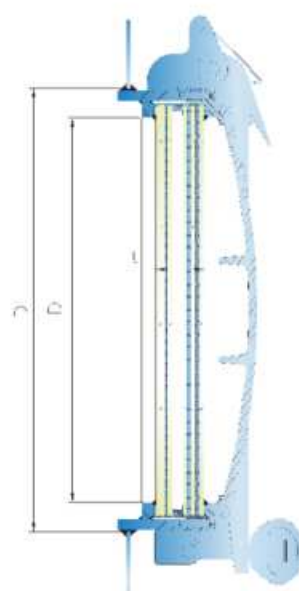
Fireproof type Fixed Side Scuttle



A0 Fireproof
261WDL005-00



A60 Fireproof
261WDL006-00



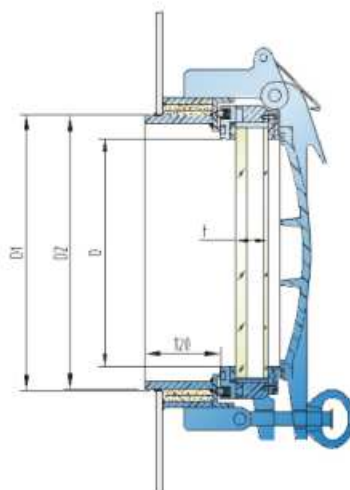
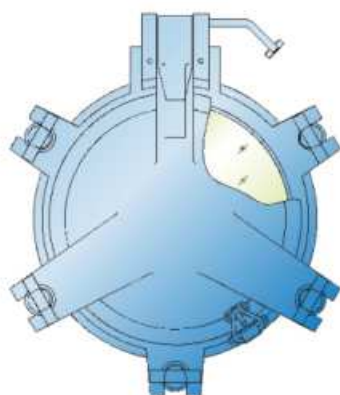
NOMINAL SIZE D	WALL CUT SIZE D1	GLASS THICK. Min.	
		A0	A60
ø200	ø268	12+3+5+12+6	12+6+12+25
ø250	ø318	12+3+5+12+6	12+6+12+25
ø300	ø368	12+3+5+12+6	12+6+12+25
ø350	ø418	12+3+5+12+6	12+6+12+25
ø400	ø468	12+3+5+12+6	12+6+12+25
ø450	ø518	12+3+5+12+6	12+6+12+25

mm

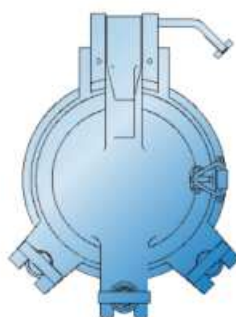


A60 Class Welded Hinged Side Scuttle

261WHL073-00



D=250, 200



mm

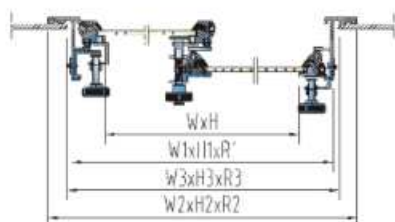
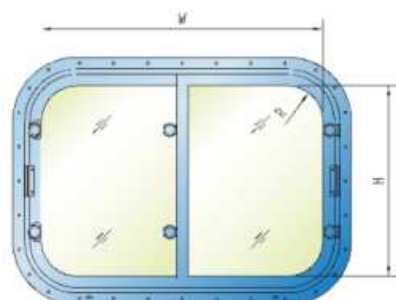
NOMINAL SIZE D	WALL CUT SIZE D1	OUTLINE SIZE D2	GLASS THICK. t	
			E	F
φ 200	φ 253	φ 250	15+22A+6	15+22A+6
φ 250	φ 308	φ 305	15+22A+6	15+22A+6
φ 300	φ 363	φ 360	15+22A+6	15+22A+6
φ 350	φ 413	φ 410	15+22A+6	15+22A+6
φ 400	φ 463	φ 460	19+22A+6	15+22A+6
φ 450	φ 513	φ 510	19+22A+6	15+22A+6

THE REFERENCE WEIGHT FOR A60 E φ 350 261WHL073-00 IS 104KG.



Aluminium Sliding Window

261WHL007-00



mm		
CODE	NOMINAL SIZE WXH	ILLUSTRATION
1	740X500	
2	830X560	
3	930X630	
4	1030X710	
5	500X630	
6	600X710	
7	750X800	

mm									
NOMINAL SIZE WXH	SINGLE LIGHT SIZE WXHXR	WINDOW FRAME SIZE		WALL CUT SIZE W3XH3XR3	GLASS SIZE		Bolt Qty.	Max. Allowed Pressure KPa	
		W1XH1XR1	W2XH2XR2		t	W4XH4XR4		t=8	t=6
740X500	355X500XR50	828X588XR94	890X650XR125	840X600XR100	6 8	373X518XR58	20	45	26
830X560	400X560XR50	918X648XR94	980X710XR125	930X660XR100		418X578XR58	24	36	21
930X630	450X630XR100	1018X718XR144	1080X780XR175	1030X730XR150		468X648XR108	26	28	16
1030X710	500X710XR100	1118X798XR144	1180X860XR175	1130X810XR150		518X728XR108	30	23	13
500X630	235X630XR50	588X718XR94	650X780XR125	600X730XR100		253X648XR58	18	66	37
600X710	285X710XR50	688X798XR94	750X860XR125	700X810XR100		303X728XR58	22	46	26
750X800	360X800XR50	838X888XR94	900X950XR125	850X900XR100		378X818XR58	26	30	18

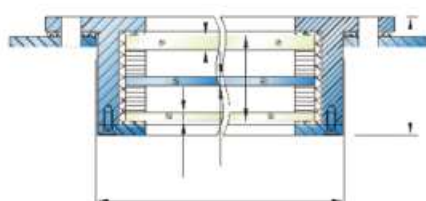
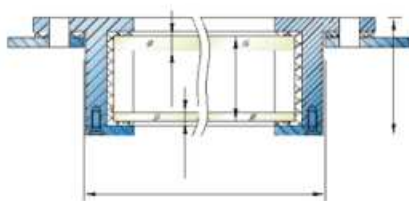
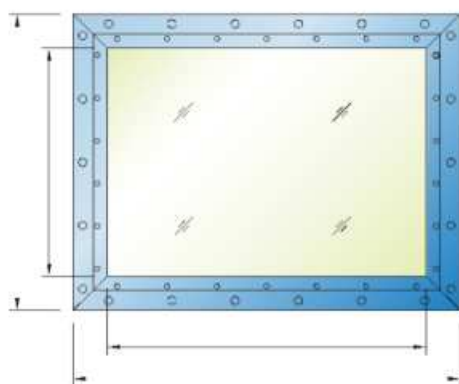
THE REFERENCE WEIGHT FOR 930X630-8 261WHL007-00 IS 25KG.



Aluminim Alloy Sound-proof Window

CB/T3917-2011

USED FOR THE CABIN IN NEED OF SOUNDPROOF, HEAT INSULATION AND THERMAL INSULATION.



mm									mm									
NOMINAL SIZE	OUTLINE SIZE	WALL CUT SIZE	GLASS THICK.			INSTALLATION BOLT		SOUND PROOF	NOMINAL SIZE	OUTLINE SIZE	WALL CUT SIZE	GLASS THICK.				INSTALLATION BOLT		SOUND PROOF
WXH	W1XH1	W2XH2	A	B1	B2	QTY	D	TL(dB)	WXH	W1XH1	W2XH2	A	B1	B2	B3	QTY	D	TL(dB)
500X710	640X850	570X780	60	6	6	22	M12	≥31	500X710	640X850	570X780	60	6	6	6	22	M12	≥31.3
900X630	1040X770	970X700				26		≥31.8	900X630	1040X770	970X700					26		≥37.1
1000X800	1140X940	1070X870		32		≥35		1000X800	1140X940	1070X870	32		≥36.6					
1200X800	1340X940	1270X870		34		≥34		1200X800	1340X940	1270X870	34		≥36.6					
1400X800	1540X940	1470X870		36		≥33		1400X800	1540X940	1470X870	36		≥36.6					
1600X1000	1740X1140	1670X1070	10			40		≥32	1600X1000	1740X1140	1670X1070	10				40		≥36.6
1800X1200	1940X1340	1870X1270				44		≥30.5	1800X1200	1940X1340	1870X1270					44		≥36.6

THE REFERENCE WEIGHT FOR A 930X630 IS 36KG.

THE REFERENCE WEIGHT FOR B 930X630 IS 44KG.

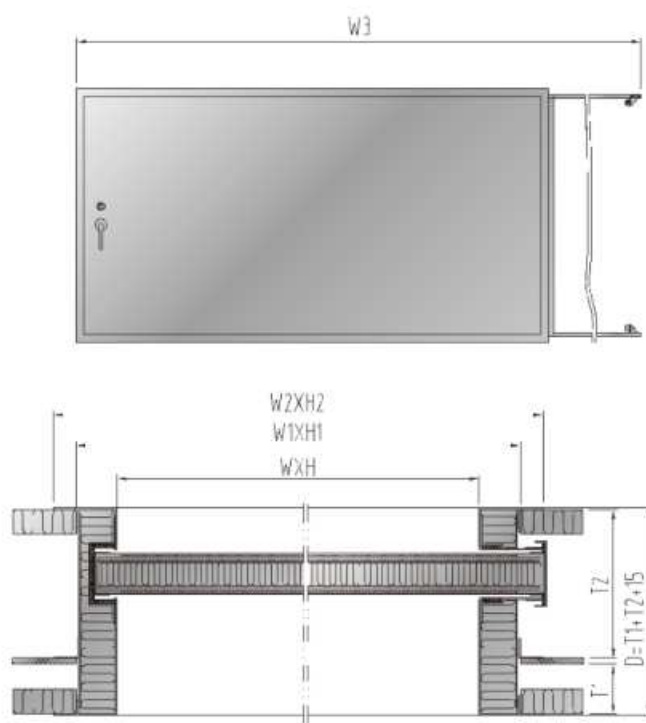


A15/A60 Fire-proof Fixed Side Scuttle

261WHL028X15-00

261WHL028X-00

USED FOR THE CABIN IN NEED OF SOUNDPROOF, HEAT INSULATION AND THERMAL INSULATION.



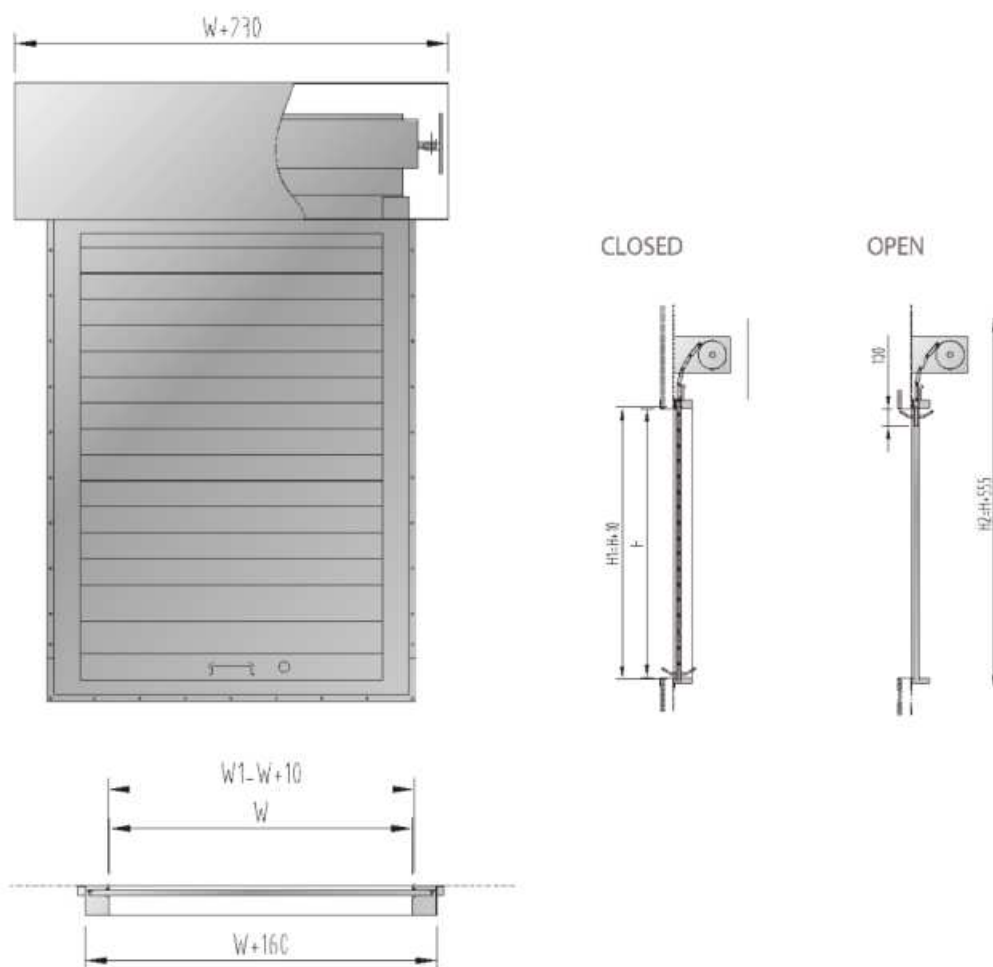
mm				
CLEAR LIGHT SIZE WXH	WALL CUT SIZE W1XH1	SIZE OF FRAME W2XH2	LENGTH OF GUIDE W3	FRAME DEPTH D
630X500	716X586	766X636	1460	240
900X630	986X716	1036X766	2000	240
1100X800	1186X886	1236X936	2400	240
2000X1200	2086X1286	2136X1336	4200	240

THE REFERENCE WEIGHT FOR 1100X800 261WHL028X-00 IS 98KG.



A0 Fireproof Roller Shutter

261WHH080-00

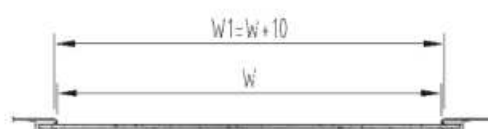


THE MAXIMUM CLEAR LIGHT SIZE IS 2000X1500 (WIDTH X HEIGHT).

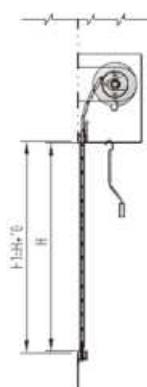


A0 Class Electrical Fireproof Roller Shutter

261WHL081-00



CLOSED



OPEN



THE MAXIMUM CLEAR LIGHT SIZE IS 2500X2200 (WIDTH X HEIGHT).

