

WEATHERTIGHT HATCHES TYPE WTH:

LIGHT OPENING R=100	HATCH TYPE	BULKHEAD OPENING R=110	WEIGHT EXCL. COAMING
500 x 500	WTH-17	520 x 520	16 kg
400 x 600	WTH-9	420 x 620	15 kg
600 x 600	WTH-1	620 x 620	18 kg
800 x 600	WTH-4	820 x 620	21 kg
1200 x 600	WTH-5	1220 x 620	32 kg
650 x 650	WTH-2	670 x 670	19 kg
400 x 700	WTH-16	420 x 720	16 kg
600 x 700	WTH-15	620 x 720	19 kg
700 x 700	WTH-7	720 x 720	21 kg
800 x 700	WTH-11	820 x 720	23 kg
800 x 750	WTH-3	820 x 770	24 kg
800 x 800	WTH-8	820 x 820	25 kg
1200 x 850	WTH-6	1220 x 870	40 kg
500 x 900	WTH-14	520 x 920	25 kg
600 x 900	WTH-10	620 x 920	22 kg
800 x 900	WTH-13	820 x 920	31 kg

CAN BE DELIVERED ALSO IN SPRAYTIGHT VERSION.

WEATHERTIGHT DOORS TYPE WTD:

LIGHT OPENING R=100	DOOR TYPE	BULKHEAD OPENING R=110	WEIGHT EXCL. COAMING	TYPE APPROVAL	FOR POSITION
550 x 1400	WTD-33	570 x 1420	34 kg	APPR.	1
600 x 1400	WTD-1	620 x 1420	36 kg	APPR.	1
650 x 1400	WTD-9	670 x 1420	38 kg	APPR.	1
700 x 1400	WTD-10	720 x 1420	40 kg	APPR.	1
750 x 1400	WTD-2	770 x 1420	42 kg	APPR.	1
800 x 1400	WTD-11	820 x 1420	46 kg	APPR.	1
850 x 1400	WTD-12	870 x 1420	49 kg	APPR.	1
900 x 1400	WTD-3	920 x 1420	52 kg	APPR.	1
1000 x 1400	WTD-14	1020 x 1420	58 kg	APPR.	1
500 x 1500	WTD-27	520 x 1520	31 kg	APPR.	1
625 x 1500	WTD-28	645 x 1520	35 kg	APPR.	1
700 x 1500	WTD-26	720 x 1520	38 kg	APPR.	1
550 x 1600	WTD-31	570 x 1620	38 kg	APPR.	2
600 x 1600	WTD-4	620 x 1620	39 kg	APPR.	2
650 x 1600	WTD-15	670 x 1620	41 kg	APPR.	2
700 x 1600	WTD-16	720 x 1620	43 kg	APPR.	2
750 x 1600	WTD-5	770 x 1620	45 kg	APPR.	2
800 x 1600	WTD-17	820 x 1620	51 kg	APPR.	2
850 x 1600	WTD-6	870 x 1620	54 kg	APPR.	2
900 x 1600	WTD-7	920 x 1620	56 kg	APPR.	2
1000 x 1600	WTD-8	1020 x 1620	61 kg	APPR.	2
625 x 1650	WTD-29	645 x 1670	38 kg	APPR.	2
825 x 1650	WTD-30	845 x 1670	52 kg	APPR.	2
600 x 1700	WTD-19	620 x 1720	38 kg	APPR.	2
700 x 1700	WTD-20	720 x 1720	42 kg	APPR.	2
750 x 1700	WTD-21	770 x 1720	44 kg	APPR.	2
800 x 1700	WTD-25	820 x 1720	52 kg	APPR.	2
850 x 1700	WTD-22	870 x 1720	54 kg	APPR.	2
900 x 1700	WTD-24	920 x 1720	56 kg	APPR.	2
950 x 1700	WTD-32	970 x 1720	62 kg	APPR.	2
1000 x 1700	WTD-23	1020 x 1720	61 kg	APPR.	2

CAN BE DELIVERED ALSO IN SPRAYTIGHT VERSION.

SPRAYTIGHT DOORS TYPE ISD:

LIGHT OPENING R=100	DOOR TYPE	BULKHEAD OPENING R=110	WEIGHT EXCL. COAMING
600 x 1700	ISD-16	620 x 1720	30 kg
700 x 1700	ISD-17	720 x 1720	33 kg
750 x 1700	ISD-18	770 x 1720	35 kg
800 x 1700	ISD-19	820 x 1720	37 kg
850 x 1700	ISD-20	870 x 1720	38 kg
900 x 1700	ISD-21	920 x 1720	40 kg
1000 x 1700	ISD-22	1020 x 1720	43 kg
600 x 1800	ISD-12	620 x 1820	29 kg
650 x 1800	ISD-10	670 x 1820	32 kg
700 x 1800	ISD-1	720 x 1820	34 kg
750 x 1800	ISD-2	770 x 1820	36 kg
800 x 1800	ISD-3	820 x 1820	38 kg
850 x 1800	ISD-8	870 x 1820	40 kg
900 x 1800	ISD-7	920 x 1820	41 kg
750 x 1850	ISD-14	770 x 1870	37 kg
625 x 1862	ISD-15	645 x 1882	32 kg
700 x 1900	ISD-6	720 x 1920	36 kg
800 x 1900	ISD-4	820 x 1920	39 kg
900 x 1900	ISD-13	920 x 1920	43 kg
1000 x 1900	ISD-11	1020 x 1920	47 kg
900 x 2000	ISD-9	920 x 2020	45 kg
800 x 2050	ISD-5	820 x 2070	42 kg

CAN BE DELIVERED ALSO IN WEATHERTIGHT VERSION.

POS.	QTY.	DESCRIPTION	MATERIAL
15		ROLLER	AISI 316 L
14		TOGGLE	AISI 316 L (BRASS BOSSING)
13		LINKAGE ROD	AISI 316 L
12		SLAVE TOGGLE	AISI 316 L (BRASS BOSSING)
11		NYLON BRUSHING	ø30/17x3 mm
10		HINGE BRACKET (LUGS)	ST. 37 OR ALUMINIUM
9		HINGE BOLT	M16x80 A4 DIN931
8		CLOSING DEVICE	ST. 37 OR ALUMINIUM
7		ADJUSTABLE SCREW	M10x25 DIN 933 BRASS
6		MAIN TOGGLE	AISI 316 L (BRASS BOSSING)
5		LUBRICATING NIPPLE	M10x1 DIN A2 71412
4		RUBBER GASKET	NEOPRENE
3		HINGE	AISI 316 L
2		COAMING (80x8)	ST. 37 OR ALUMINIUM
1		INSULATED DOOR-LEAF	GRP SANDWICH CONSTRUCTION

REV.	CHANGED	DATE/SIGN.	REV.	CHANGED	DATE/SIGN.
C	DIF. CHANGES	10.02.00.ARM			
B	REMOVED LOCK ON WTD-DOOR	30.11.99.ARM	E	CHANGED TO GSV LOCK	03.12.01.ARH
A	RELEASED	04.10.99.ARM	D	ADDED TYPE WTD-32, -33	25.09.01.ARH

LIBRA COMPOSITE DOORS & HATCHES
STANDARD SIZES (w/std. coaming)

DATE: 04.10.99 CHECKED: SCALE: 1:20 CUSTOMER: (FORMAT A3)

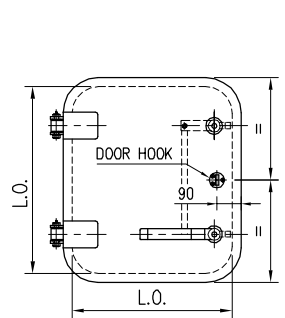
DRAWN: AGE R. MORK DATE: (FORMAT A3)

Libra **LIBRA~PLAST AS** ISSUE: E

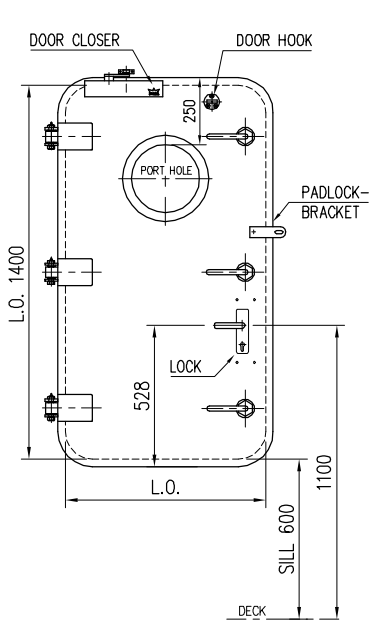
N-6060 Hareid, Norway DRAWING NO.: X-3-3935
Tel.: +47 70 09 54 00
Fax: +47 70 09 54 01
E-Mail: office@libra.no

NOTE:
- STD. COLOUR INSIDE/OUTSIDE: RAL 9010

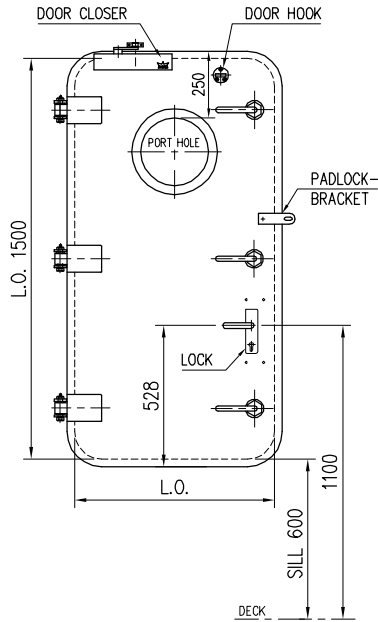
LIBRA DOORS™



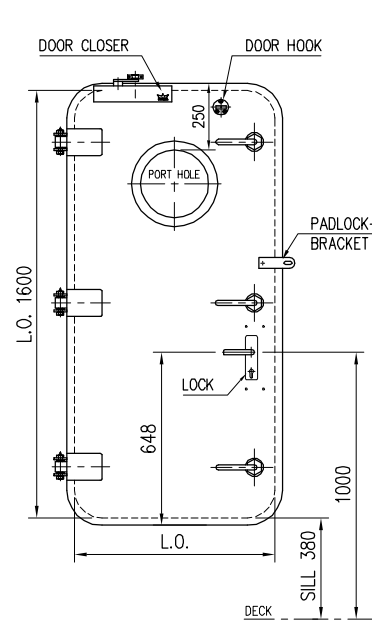
WTH-HATCHES OUTSIDE



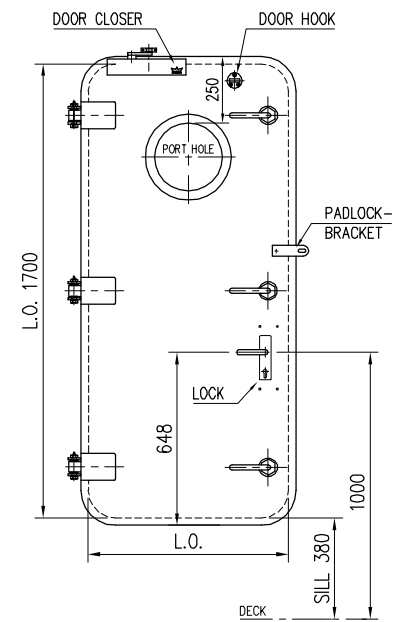
WTD-h=1400 DOORS OUTSIDE



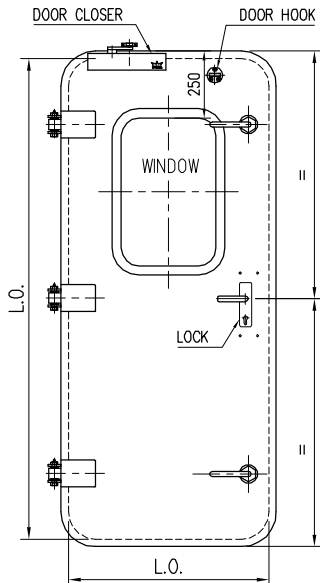
WTD-h=1500 DOORS OUTSIDE



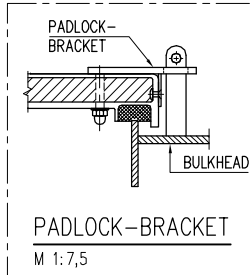
WTD-h=1600 DOORS OUTSIDE



WTD-h=1700 DOORS OUTSIDE

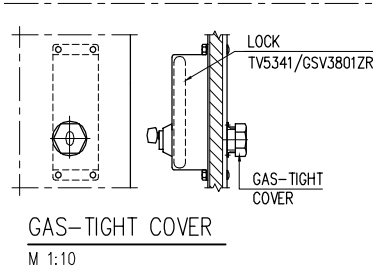


ISD-DOORS OUTSIDE



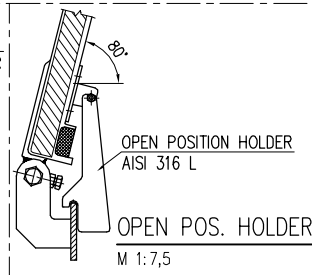
PADLOCK-BRACKET

M 1:7,5



GAS-TIGHT COVER

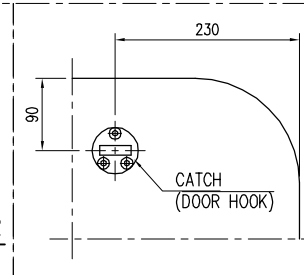
M 1:10



OPEN POS. HOLDER

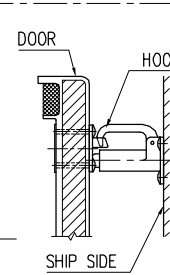
OPEN POS. HOLDER

M 1:7,5

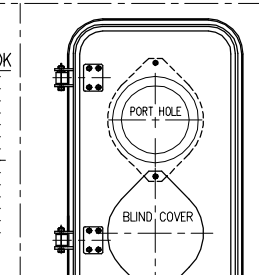


DOOR HOOK

M 1:7,5



SHIP SIDE



BLIND COVER

M 1:20 (INSIDE DOOR)

WTD-DOORS

OPTION EQUIPM.	TYPE/SIZE
PORT HOLE	ø250
BLIND COVER	15mm ALUM.
DOOR HOOK	GSV 236 A
DOOR CLOSER	DORMA TS-83
PADLOCK	AISI 316 L
CYLINDER LOCK	GSV 3801Z / GSV 3801ZR
CYLINDER LOCK	TV 5312 / TV5341
CENTR. TOGGLE	ON REQUEST
GAS-TIGHT COVER	BRASS

ISD-DOORS

OPTION EQUIPM.	TYPE/SIZE
PORT HOLE	ø250
WINDOW	250x350
WINDOW	300x450
WINDOW	350x550
WINDOW	450x650
DOOR HOOK	GSV 236 A
DOOR CLOSER	DORMA TS-83
PADLOCK	AISI 316 L
CYLINDER LOCK	GSV 3801Z / GSV 3801ZR
CYLINDER LOCK	TV 5312 / TV 5341
CENTR. TOGGLE	ON REQUEST
GAS-TIGHT COVER	BRASS

WTH-HATCHES

OPTION EQUIPM.	TYPE/SIZE
GAS-SPRING	300N
OPEN POS. HOLDER	80 DEG.
INSIDE LOCKING	SPLINT AND CHAIN
DOOR HOOK	GSV 236 A
PADLOCK	AISI 316 L
CYLINDER LOCK	GSV 3801Z / GSV 3801ZR
CYLINDER LOCK	TV 5312 / TV 5341
GAS-TIGHT COVER	BRASS

C	ADDED GAS-TIGHT COV. OPT.	17.02.00.ARM		
B	DIV. CHANGES	30.11.99.ARM	E	CHANGED TO GSV LOCK 03.12.01.ARH
A	RELEASED	04.10.99.ARM	D	ADDED WINDOW 450x650 14.04.00.ARM
REV. CHANGED	DATE/SIGN.	REV. CHANGED		DATE/SIGN.

LIBRA COMPOSITE DOORS & HATCHES
AVAILABLE STANDARD OPTION EQUIPMENT

APPROVALS	DATE: 04.10.99	CHECKED:	SCALE: 1:20	CUSTOMER:
	DRAWN: AGE R. MORK	DATE:	(A3-FORMAT)	

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ISSUE: E REF. NO.:
DRAWING NO.: X-3-3938

