

LEGEND

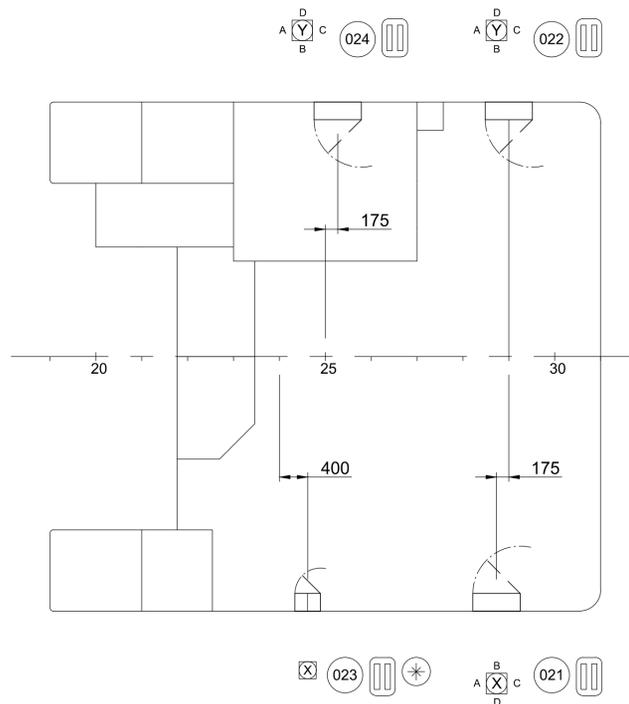
OPTIONALS AND SYMBOLS

000	Window template number
⊕	Position penetration window wipers
	Double glass
*	Frosted glass

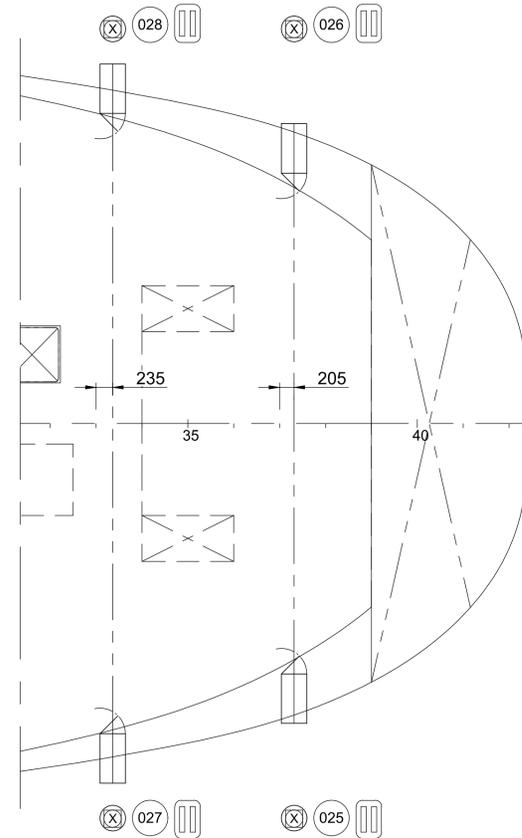
POS. NO.	PART WINDOW	QUANT.			DIMENSIONS H X B (Hole in plate)	GLASS THICKNESS	REMARKS
		SB	PS	SYM			
013-01	021	1			650 x 650, R88	12+15+6	Left swing; prepared for inside blind cover
014-01	022		1		650 x 650, R88	12+15+6	Right swing; prepared for inside blind cover
009-01	023	1			ø360	15+gap+6	Clear view Ø300 (frosted glass)
014-02	024		1		650 x 650, R88	12+15+6	Right swing ; prepared for inside blind cover
010-01	025	1			ø360	15+gap+6	Clear view Ø300
	026		1		ø360	15+gap+6	Clear view Ø300
	027	1			ø360	15+gap+6	Clear view Ø300
	028		1		ø360	15+gap+6	Clear view Ø300

Bureau Veritas Marine & Offshore
 Section 471581.....
REVIEWED
 only for parts concerning Classification,
 and as per contract.
 Rotterdam, 13-May-2024
 [Electronic document]
 The plan approval office

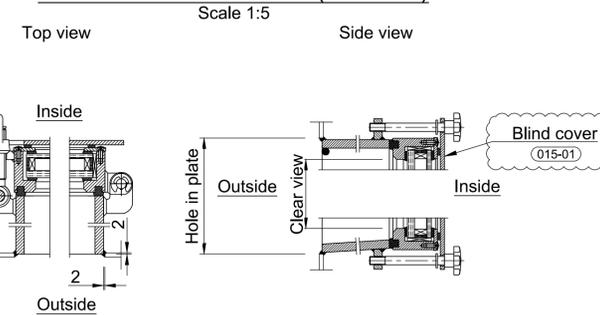
SUPERSTRUCTURE WINDOWS ARRANGEMENT



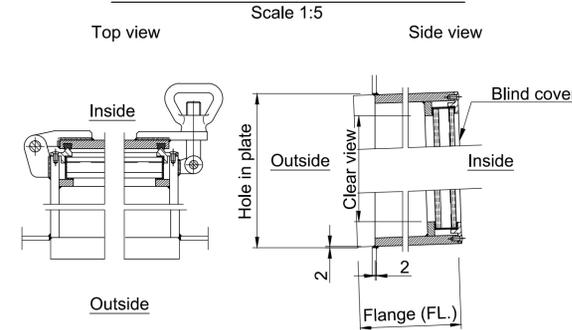
PORTHOLES ARRANGEMENT BELOW MAIN DECK



DECKHOUSE WINDOW (HINGED)



PORTHOLE WITH DEADLIGHT



NOTE:

- Window template are marked with "ABCD" (on ☒ side) clockwise, "B" at top of template. ☒ is opposite.
- Toughened safety glass according ISO 21005:2004.
- All double glasses windows with NC coating and air gap, argon filled corresponding K-value appr. 1.1 W/m² K;
- Glass to be temporarily fitted at delivery. No sealing kit to be applied
- For positioning windows and portholes see details.
- All windows are fitted in metal frames. The glass is fitted by means of St.St. 316L "high polished" glass fixing rims. With St.St. A4 bolts / mounting materials.
- All steel window frames and portholes weld in frames to be hot zinc coated. 20 or 30mm i.w.o. welding. NOT to be zinc coated.
- After welding damaged coating and mentioned above 20 or 30 mm should be treated with zinc rich primer.
- All welding ▲ 3.5 continuous, unless stated otherwise
- All portholes with deadlights (inside) △ is turning direction of deadlight

REFERENCE DOCUMENTS

Function	Doc.nr.	Class	Title
135	2827028	MODEL-3D	Wheelhouse window construction
Function	Func.seq.	Class	Title
135	001	DRAW-2D	Wheelhouse window arrangement 2
135	002	DRAW-2D	Arrangement window templates
135	010	DRAW-2D	Wheelhouse window wiper arrangement 2

Rev	Date	Checked	Drawn	Checked	Revision text
A01	26-10-2023	NCO	LBL		Initially created

Projection: **DAMEN** DAMEN SHIPYARDS GORINCHEM
 Format: A1
 Scale: 1:50
 Units: mm

Industrieterrein Avelingen West 20
 4202 MS Gorinchem
 The Netherlands

P.O. Box 1
 4200 AA Gorinchem
 The Netherlands

phone +31 (0) 183 63 99 11
 fax +31 (0) 183 63 21 89
 info@damen.com
 www.damen.com

Arrangement windows and portholes

Doc class	DRAW-2D	Drawn	NCO	Derived from	--
Project No.	513233	Function	135	Sequence	001
Yard No.		Section/Compartment		Document number	Sheet
HB	COPYRIGHT DAMEN SHIPYARDS GROUP			5498008	1 A01

ISO 5457 - ISO 7200 A1 TransNo: TE-513233-00012-01 / Issue: For Approval / Date: 22-01-2024



DAMEN SHIPYARDS GORINCHEM

Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem

phone +31 (0) 183 63 99 11
fax +31 (0) 183 63 21 89

info@damen.com
www.damen.com

The Netherlands

BILL OF MATERIAL

Arrangement windows and portholes

Top Part M135

Project No.	513233	Function	135	Drawn	NCO	Check	LBL	Date	15-11-2023		
Yard No.	Section/Compartment				Document number	5498008		Sheet	1	Revision	A01
COPYRIGHT DAMEN SHIPYARDS GROUP											

POS	PART		DESCRIPTION	DOC NO
	QT.	UNITS		SHT
009	1438070		Window, Porthole, Double glazing, fixed sidelight with hinged deadlight, H.I.P. D=360mm, L=200mm, t1=15mm, t2=6mm, zinc free 30	3040980
	1	pcs		1
010	1438069		Window, Porthole, Double glazing, fixed sidelight with hinged deadlight, H.I.P. D=360mm, L=700mm, t1=15mm, t2=6mm, zinc free 45	3040974
	4	pcs		1
013	1466012		[C], Window, Rectangular, hinged left swing, prepared for removable deadlight, H.I.P. 650x650, 12/15/6mm, argon filled, L=250, Materi	
	1	pcs		
014	1466013		[C], Window, Rectangular, hinged right swing, prepared for removable deadlight, H.I.P. 650x650, 12/15/6mm, argon filled, L=250, Materi	
	2	pcs		
015	1466014		Deadlight with 4 knobs, rectangular, for deckhouse window H.I.P. 650x650, t=5mm, Steel	
	3	pcs		

TransNo: TE-513233-00012-01 / Issue: For Approval / Date: 22-01-2024