



NOMENCLATURE ADDITIONAL PIPE TREATMENT: H = HOT DIP GALVANIZED, P = PICKLED and NEUTRALIZED; T = TRACING; I = INSULATED

PIPE CODE	SPECIFICATIONS	MATERIAL	DOCUMENT
12vm	OD=15.0 DN 12, Mapress	Copper	1483611
15c	OD=21.3, DN 15, Extra Heavy	Steel	1624231
25ad	OD=32.0, DN 25	PVC-C	1666687
25c	OD=33.7, DN 25, Extra Heavy	Steel	1624231
40c	OD=48.3, DN 40, Extra Heavy	Steel	1624231
50c	OD=60.3, DN 50, Extra Heavy	Steel	1624231
65c	OD=76.1, DN 65, Extra Heavy	Steel	1624231
80c	OD=88.9, DN 80, Extra Heavy	Steel	1624231
100c	OD=114.3, DN 100, Extra Heavy	Steel	1624231
100d	OD=114.3, DN 100, Hull	Steel	1419401
150d	OD=168.3, DN 150, Hull	Steel	1419401

Bureau Veritas Marine & Offshore
 Section 47158L.....
REVIEWED
 only for parts concerning Classification,
 and as per contract.
 Rotterdam, 13-May-2024
 [Electronic document]
 The plan approval office

NOMENCLATURE

- Indicates unblocking plug
- ⊕ Optional
- LWL Lowest waterline
- N.C. Normally closed
- N.O. Normally open
- H1 High level (90%) alarm sewage tank
- L1 Low level (20%) alarm sewage tank

NOTE

- A blind flange should be fitted if optional system/equipment (⊕) not will be installed.
- All sanitary drain pipes must be routed / mounted with slope.

REFERENCE DOCUMENTS

Function	Doc.nr.	Class	Title
391	1209712	INS-EXT	Notes for piping drawings
Function	Func.seq.	Class	Title
310	001	DRAW-2D	Bilge, and internal fire fighting system
345	001	DRAW-2D	Sewage treatment system
351	001	DRAW-2D	F/S/D system
352	001	DRAW-2D	Remote sounding system in hull

Rev	Date	Drawn	Checked	Revision text
A01	26-10-2023	NCO	CPAD01	Initially created

Projection		DAMEN	DAMEN SHIPYARDS GORINCHEM
Format	A1	P.O. Box 1 4200 AA Gorinchem The Netherlands	
Scale	1:1	phone +31 (0) 183 63 99 11 fax +31 (0) 183 63 21 89 www.damen.com	
Units	mm		

Sanitary discharge system

Doc class	DRAW-2D	Drawn	NCO	Derived from	--
Project No.	513233	Function	343	Sequence	001
Yard No.		Section/Compartment		Document number	CPAD01
HB		COPYRIGHT DAMEN SHIPYARDS GROUP	5497686	1	A01

ISO 5457 - ISO 7200 A1 TransNo. TE-513233-0012-01 / Issue: For Approval / Date: 22-01-2024

Industrieterrein Avelingen West 20
4202 MS GorinchemP.O. Box 1
4200 AA Gorinchem

The Netherlands

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

Sanitary discharge system				Top Part	M343
Project No.	513233	Function	343	Drawn	NCO
Yard No.	Section/Compartment			Check	CPAD01
COPYRIGHT DAMEN SHIPYARDS GROUP				Document number	5497686
				Date	09-11-2023
				Sheet	1
				Revision	A01

POS	PART		DESCRIPTION	DOC NO
	QT.	UNITS		
001	1131679		ASSY, Scupper, Inside, Outlet:Vertical, Welding, D grid=155mm,	1422024
	6	pcs	Raised floor, Steel, Upper and lower part, Blucher	1
002	1003924		ASSY, Cap, Threaded, Brass CuZn39Pb2, BSPP female, 1" (25), External	1815438
	5	pcs	hexagon, With St st AISI 316L (1.4404) chain	1
003	1000820		[C], Check valve, 1207, Storm type, Right-angled, Inlet:DN100,	1066584
	1	pcs	Outlet:DN150, Flange, Sealing:NBR, PN10, FL:PN10, Cast iron GGG 4	1
004	1402091		Check valve, 71, Swing type, Straight, DN50, Flange, Sealing:NBR,	2751195
	1	pcs	PN16, FL:PN16, Bronze RG10	1
005	1000818		[C], Check valve, 1207, Storm type, Right-angled, Inlet:DN65,	1066584
	1	pcs	Outlet:DN100, Flange, Sealing:NBR, PN10, FL:PN10, Cast iron GGG 4	1
006	1205181		[TA], Union, Transition, Bronze CuSn5Zn5Pb2-C, Clamp, BSPT male,	1483428
	2	pcs	DN12, 1/2" (15), di1=15mm, L=61mm, PN10, EN 12449, Mapress	1
007	1000207		Gate valve, 292, DN80, Flange, Hand wheel, PN10, FL:PN10, Cast iron	1066505
	1	pcs	GG 25 (EN-JL 1040), EN 558-1	1
008	1000206		Gate valve, 292, DN65, Flange, Hand wheel, PN10, FL:PN10, Cast iron	1066505
	1	pcs	GG 25 (EN-JL 1040), EN 558-1	1
009	1424082		Pump, Electrical, B40 BVGNMC+M+BI+SC, 50Hz/2.2kW/400V/2900rpm,	
	1	pcs	60Hz/2.5kW/440V/3500rpm, G1.1/2", G1.1/2", Cast iron, Impeller wi	
011	1002921		[TA MED], Pipe Passage, Bulkhead, Slipsil 53/14-16, Plug, For pipe	1058048
	6	pcs	D=14-15.9mm L= 66, gas and water tight, fire safe, Rubber	1
012	1000208		Gate valve, 292, DN100, Flange, Hand wheel, PN10, FL:PN10, Cast iron	1066505
	2	pcs	GG 25 (EN-JL 1040), EN 558-1	1
013	1131680		ASSY, Scupper, Inside, Outlet:Horiz., Welding, D grid=155mm,	1608338
	1	pcs	Raised floor, Steel, Upper and lower part, Blucher	1
014-01	1009006		Hose, Water, di=12mm, OD=18mm, s=3mm, WP=12bar, PM=36bar, Tmin=-5Cel,	
	0.5	m	Tmax=60Cel, Inlay=1x, Synthetic inlay, Transparent, PVC	
015	1000181		ASSY, Firefighting valve, 912/920, Right-angled, DN50, Flange,	
	1	pcs	Cam:66mm, Hand wheel, PN16, FL:PN16, Bronze RG5, With sealing cap	
016	1000358		Pressure gauge valve, 861, 1/4" (8), BSPP male, BSPP female,	1062556
	2	pcs	Hand wheel, PN125, Brass	1
017	1204252		Pressure gauge, Bourdon tube, 3660, -1/0.6bar, D=63mm, 1/4",	2188438
	1	pcs	BSPP male, Mount:Direct, Conn:Below, Liquid-damped, Case:Stainles	1
018	1155843		Pressure gauge, Bourdon tube, 3660, 0/6bar, D=63mm, 1/4", BSPP male,	2188438
	1	pcs	Mount:Direct, Conn:Below, Liquid-damped, Case:Stainless steel, Co	1

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