



**Mounting instruction fender**

- 1.-Rubber fender to be tensioned temporarily around bow with chain tackles
- 2.-Check fitting of rubber and check joint between separate fenders max. gap 1 cm
- 3.-Position of eyes (det.A) and tubes (sec. A-A) to be determined from fender
- 4.-Tubes to be hot dip zinc coated
- 5.-Remove rubber and mount tubes and eyes
- 6.-Mount closing plate bulwark
- 7.-Mount closing plate tubes
- 8.-APPLY FULL PAINT SYSTEM - TO BE CHECKED BY DAMEN SURVEYOR
- 9.-D- and Block fender to be mounted first
- 10.-Mount fender with slings around rubber

**Note:**

- For construction details see dwg. -110-851
- For bulwark fore see dwg. -110-501
- All stanchions to be in line with construction under deck
- All welding 5 unless stated otherwise
- All sharp edges to be removed from brackets, face bars, water- and welding holes, holes in deck, etc.
- MH = manhole
- ES = end sniped (det. 17 or 20 dwg. -110-851)
- Kn. = knuckle
- H.I.P. = hole in plate

POS.NO.	QT	CLASS	DESCRIPTION	MATERIAL	ART.NO.	UNIT	MAKE
18		LIFTING EYE NUT	DIN 582, M24, ST.ST.				
025		PC	SV St. A4	0625.0003			
36		EYE BOLT	M24 x 220, eye 22mm	DIN 4448			
024		PC	SI St. A4	0223.0003			
18		FENDERING MOUNTING PART	Hoisting sling		L= 1650 (acc. draw. -151-001)		
022		PC	Hoisting sling	1510060			
2		FENDERING MOUNTING PART	Hoisting sling	1510059	L= 1495 (acc. draw. -151-001)		
021		PC	Hoisting sling	1510058	L= 1330 (acc. draw. -151-001)		
2		FENDERING MOUNTING PART	Hoisting sling	1510056	L= 1253 (acc. draw. -151-001)		
020		PC	Hoisting sling	1510057	L= 1120 (acc. draw. -151-001)		
2		FENDERING MOUNTING PART	Hoisting sling	1510056	L= 1120 (acc. draw. -151-001)		
019		PC	Hoisting sling	1510056			
36		WASHER	SI St. A4	0214.0030			
016		PC	SI St. A4	0214.0030			
36		LOCK WASHER	SI St. A4	0300.0023	M24		
015		PC	SI St. A4	0300.0023			
72		SHACKLE	Green pin H-type; nut, bolt	0257.0015	Max load 3.2 t, Width=27, Dbolt=19		
013		PC	Steel (Galv.)	0257.0015	Dshackle=16		
POS.NO.	QT	CLASS	DESCRIPTION	MATERIAL	ART.NO.	UNIT	MAKE

REV	DATE	DRWN	CHKD	APPRD	REVISION SUBJECT
K	26-01-09	SvdL	BK		Complete new position of fender and bulwark
J	9-10-07	BK	BK		Art no for eye bolt and lifting eye nut updated
I	20-02-06	SvdL	BK		New draw frame
H	18-08-05	R-Project	BK		Fender at CL made from one piece
G	29-12-04	SvdL	BK		New length of slings / position of pipe 168.3x10
F	19-10-04	AvK	BK		Added remark for lifting eye nut.
E	04-05-04	NAVAJ	EBK		Fendering upd for new diam 800/600 & eyebolt M24

DRAWN	SCALE	FORMA	A1-1	PROJECTION
SvdL	1:25			
CHECKED	MO	DATE	SCALE	PROJECTION
		16-07-02		
APPROVED	DATE	SCALE	PROJECTION	

**Cylindrical fender at the bow**

COMP NO	SECT NO	YARD NO	CONTRACTOR	DERIVED FROM DWG	DWG NO	SHEET	REVISION
				ASD Tug 2411	512200		
					512200-151-001		K