

inland tankbarge name

Constellation

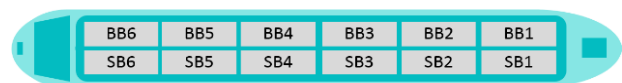


Barge Basic Information	
year of building	2005
registration number	0232 7190
deadweight	3,497 tons
ADN Typ	C
construction	double hull
flag	netherlands
port of registry	Poortugaal
build shipyard	
SEVERNAV SHIPYARD DROBETA TURNU SEVERIN ROMANIA	



Dimension and Main Data		
deadweight	kg	3,497.076
volumen 100%	cbm	4,405.000
volumen 97%	cbm	4,272.850
length overall	m	124.90
breadth extreme	m	11.45
draft max	m	3.65
empty fixed height	m	6.00

Cargo Tanks Layout



Machinery		
main engine	ABC 6 MDZC-800-173 K	
type	6 line, 4-Stroke	
power	1079 KW	1467 PS
number of sets	2	

Cargo Tank Calibration

draft cm	tons	draft cm	tons	draft cm	tons
100	0	200	1258	300	2604
110	88	210	1391	310	2741
120	214	220	1524	320	2877
130	342	230	1658	330	3014
140	470	240	1792	340	3152
150	599	250	1926	350	3289
160	729	260	2061	360	3427
170	860	270	2196	370	-
180	992	280	2332	380	-
190	1125	290	2468	390	-

Additional Equipment	
connection for a sampling device	yes
sampling opening	no
water spray system	yes
internal pressure alarm 40 kPa	yes
cargo heating system on Bord	yes
cargo heating system from shore	no
cargo refrigeration system	no
cargo pump-room under deck	no
over/under pressure alam in cargo tank	yes
gas supply/return line acc. to 9.3.3.22.5 a	v
piping and installation heated	no
conforms to the rules of column (20) of table "c" of chapter 3.2	yes

Cargo Tanks Characteristics

number and type of tanks	12	bulk head
cargo tank material	carbon steel	
cargo tank coating	hempels galvosil@15700	
tank type and construction	integral	closed
max. tank pressure	50 kPa (HGV)	
sample handling system	Dopak DPM-500-221	
separate double pipe-line system	no	

Classification		
temperature class	T4	
explosion group	IIB	
permitted relatrice density	t/m3	1,00

Cargo Pumps

pumps	screw	
number of sets	6	
capacity max	m3/hour	1.100
stripping sys. rest	metric pint	10
maker	ITT Bornemann GmbH	

All details to be considered as about, given in good faith but without any guarantee.
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 this datasheet and all other Barge details and datasheets u can find on www.stetra.de (downloads and fleet)

STETRA Gesellschaft für Schiffstransporte mbH | Jahnstr. 1 | 67069 Ludwigshafen a.Rh
 T: +49 (0) 621 65 75 0 – 0 // F: +49 (0) 621 65 75 0 – 75 // E: info@stetra.de