

CARATERISTIQUES TYPIQUES DE METHANIER

Nominal capacity	m3	75 500	137 000	138 000	160 000	160 000	217 000 (Qflex)	267 000 (Qmax)
Type		Membrane	Sphérique	Membrane	Membrane	Sphérique	Membrane	Membrane
Length over all	m	260	290	280	290	290	325	345
Length between perpendicular	m	230	272	268	279	279	305	325
Beam	m	35	47	43	46,1	46,1	52	55
Design draft	m	10,5	11,2	12	12	12	12	12
Ballasted draft	m	9	9,4	9,5	9,8	9,8	10,5	11
Moulded depth	m	22,5 (top deck)	26	26	26	26	29	29,5
Loaded displacement tonnage	tonnes	61 000	105 000	102 000	115 000	115 000	155 000	177 000
Manifold offset (positive to bow)	m	+ 5	+ 30,5 up to 50	+ 5	+ 5	+ 30	0	0
Forward and Aft Flat length to manifold	m	F25 to 88 A32 to 82	F33 to 87 A44 to 96	F35 to 85 A60 to 85	F40 to 80 A60 to 90	F30 to 87 A45 to 95	F63 to 81 A69 to 81	99/66
FP to manifold	m	124	130	130	130	130	165	170
Windage area ballast conditions								
Transverse	m2	4 100	8 100	8 100	8 500	8 600	9 000	9 000
End-on	m2	1 000	1 700	1 750	2 000	2 000	1 800	2 000
Manifold above water line								
Ballast conditions	m	18,1	22,5	20,8	21,5	21,5	21,9	22,0
Loaded conditions	m	16,8	20,5	18,5	19,5	19,5	19,9	20,5
Mooring lines								
Number of lines	-	16	16	16	20	20	20	20
Type of lines *	-	SW	SW	SW	SW	SW	HMPE	HMPE
Minimum breaking load	tonnes	110	126	125	130	130	137	137
Nylon tall length	m	11	11	11	11	11	11	11
Nylon tall diameter	mm	88	95	95	96	96	100	100
Nylon tall MBL	tonnes	151	173	173	178	178	188	188
Winch brake holding capacity	tonnes	66	76	75	78	78	82	82
Discharge rate	m3/h	6 450	12 000	13 000	13 000	13 000	16 000	16 000
Number of discharge linesa	No.	4	4	4	4	4	4	4
Number of discharge lines in use at one time	No.	4	4	4	4	4	4	4
Connection sizes	inches	12 or 16	16	16	16	16	16 or 20	16 or 20
Dsistance of manifold above waterline	m	16,8	20,5	18,5	19,5	19,5	19,9	20,5
Number of reducers 20" x 16"	No.	6	8	8	8	8	8 or 10	8
Position of the manifold from bow	m	See FP to manifold	See FP to manifold	See FP to manifold	See FP to manifold	See FP to manifold	See FP to manifold	See FP to manifold
Typical power	Kw	15 500 steam	22 000 steam	22 000 steam or diesel (medium speed)	26 000 diesel (medium speed)	26 000 diesel (medium speed)	32 000 diesel (low speed) two shafts	37 000 diesel (low speed) two shafts

*SW : steel wire

*HMPE : High modulus polyethylene

NOTA :

REPARTITION DE LA FLOTTE MONDIALE AU 01/01/2008

	TOTAL	Petits	Classe 75	125 - 150	150 170	QFLEX	QMAX
Existant au 01/01/2008	253	18	18	202	13	2	/
En construction	137	11	3	27	54	27	15