DUNLOP DRACONE BARGES

CAPACITIES

DRACONE TYPE		A1	A2	D5	D10	E	F`	J	L	O
100% Capacity	Cubic Metres	4,55	9,10	22,75	45,50	100,00	191,00	385,00	519,00	1100,00
100% Capacity	Barrels	28	56	143	286	628	1200	2371	3262	6917
85% Capacity	Cubic Metres	3,90	7,80	19,30	38,60	85,00	162,00	327,25	441,00	935,00
85% Capacity	Barrels	24	48	121	243	534	1020	2015	2773	5879

The Dracone barge is designed to operate at 85% of its nominal capacity in open sea conditions.

DIMENSIONS

Length	Metres	7,50	14,17	15,07	31,00	37,64	49,20	66,00	66,00	91,45
	Ft. In	24'.7"	46'.6"	52'.0"	103'0"	126'.0"	165'.0"	216'.6"	216'.6"	300'.0
Diametre	Metres	0.94	0.94	1.42	1.42	1.87	2.35	2.82	3.28	4.23
	Ft. In	3'.1"	3'.1"	4'.8"	4'.8"	6'.2"	7'.8"	9'.3"	1-'.9"	13'.10"
Weight (Empty)	Kilograms	270	310	430	780	1000	2275	3540	4060	6500
	Pounds	595	685	945	1715	2200	5005	7790	8930	14300
Towing hose	bore mm	50	50	50	100	100	100	100	100	100
	bore in	2	2	2	4	4	4	4	4	4
Stabiiliser		Not required		*	*	*	*	*	*	*

HORSEPOWER ABSORBED AT VARIOUS SPEEDS

4 Knots	4(10)	4(10)	5(13)	5(13)	8(20)	13(33)	15(38)	32(80)	58(145)
6 Knots	10(25)	11(27)	18(45)	19(47)	28(70)	45(112)	54(135)	106(265)	165(412)
8 Knots	21(52)	22(55)	52(130)	53(132)	81(202)	113(282)	135(337)	254(635)	-
10 Knots	39(97)	41(102)	98(245)	101(252)	156(390)	224(560)	287(717)	-	-

DRAG IN Kg (lb) FULLY LADEN IN SEA WATER

4 Knots	150(330)	157(345)	180(395)	189(415)	300(660)	481(1060)	558(1230)	1188(2620)	2132(4700)
6 Knots	260(570)	273(600)	450(990)	472(1040)	700(1540)	1018(2240)	1338(2950)	2614(5750)	4069(8970)
8 Knots	396(870)	415(915)	960(2110)	975(2145)	1500(3300)	2090(4600)	2495(5500)	4700(10340)	-
10 Knots	574(1260)	602(1325)	1450(3190)	1487(3270)	2300(5060)	3309(7280)	4241(9350)	-	-

Formula for Equivalent Drag HP $= \frac{\text{Drag in lb x Speed in ft. per second}}{550}$ OR Eqivalent Drag HP $= \frac{\text{Drag in Kg x Speed in Knots}}{147.7}$

FOR MORE INFORMATION CONTACT:

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