



Dixon Marine Consulting Ltd

Marine Consultants & Specialist Brokers

ESO-147 – Wale Marine Diving Bell Winch – Unused



GENERAL

Diving Bell Winch Skid designed and supplied in 2008, this skid comprises the main and emergency winches for handling a 5 tonne saturation diving bell. The skid is in full compliance to the requirements of the Diving Section of IMCA.

SPECIFICATION

INPUTS				OUTPUTS			
Rope Ø	24 mm			Input Power	25 kW		
Hydr Press.	250 Bar			Drum Torque	22.95 kNm		
Hyd Flow	60 l/min			Drum Speed	10 rpm		
WINCH 1 - PERFORMANCE							
Layer #	Pull Force (kN)	Speed meters/min	Speed meters/sec	Layer Length (m)	Cum Length (m)	Time to Heave (min)	
1	95.4	15	0.24	34.8	35	2.4	
2	86.8	16	0.27	38.2	73	4.8	
3	79.5	18	0.29	41.7	115	7.1	
4	73.4	19	0.32	45.2	160	9.5	
5	68.2	20	0.34	48.7	209	11.9	
6	63.7	22	0.37	52.1	261	14.3	
7	59.7	23	0.39	55.6	316	16.6	

Specifications given in good faith but without guarantee.
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INPUTS				OUTPUTS			
Rope Ø	18 mm			Input Power	17.5 kW		
Hydr Press.	150 Bar			Drum Torque	8.78 kNm		
Hyd Flow	70 l/min			Drum Speed	18 rpm		
WINCH 2 - PERFORMANCE							
Layer #	Pull Force (kN)	Speed meters/min	Speed meters/sec	Layer Length (m)	Cum Length (m)	Time to Heave (min)	
1	47.1	21	0.35	17.9	18	0.9	
2	42.9	23	0.38	19.6	38	1.7	
3	39.4	25	0.41	21.4	59	2.6	
4	36.5	27	0.45	23.1	82	3.4	
5	33.9	29	0.48	24.8	107	4.3	

HYDRAULIC POWER UNIT

