



PUMP SPECIFICATION

No. 0059-0732-4
 Date/sign.: 01Dec06/SSY
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 Rev. : A 26Mar07/SSY

Line	Plant								Rev.	
01	Yard	JIANGNAN					Class	GL + CCS		
02	Yard Nos.	2390	2391							
03	IMO Nos.		9400514						A	
Type & model										
04	Type	Reversible propeller pump								
05	Model	RBP300-3ISO40F500V28/16								
06	Degree of protection	IP55/EEdeIICT4								
Operation					Test					
07	Service	Antiheeling pump			Witnessed/Certified by		GL & CCS			
08	Fluid	SW			Fluid		FW			
09	Pump curve	0169-1120-4								
10	Duty point	1000 m ³ /h – 15 mlc			Test point		1000 m ³ /h – 15 mwc			
11	Power consumption	76.9 kW			Power consumption		75.0 kW			
12	Speed	2030 rpm								
Drawings, dimensions & dry weight										
13	Dimensional drawing				0388-0138-3					
14	Location of motor terminal box	06 (see drwg. no. 0388-0138-3)								
15	Dimension a	825 mm								
16	Dimension b	188 mm								
17										
18					Dimension Rb		433 mm			
19	Assembly drawing	0388-0307-3			Sectional drawing		0388-0306-1			
20	Part list (assembly)	A57379-GL/CCS			Part list (sectional)		A39166			
21	Flanges	ISO DN300/PN10			Weight (incl. driver)		710 kg			
Parts & materials										
22	Casing	Stainless EN-1.4432 with cathodic protection								
23	Shaft sleeve	Stainless EN-1.4432								
24	Gear house	Leaded red brass EN-CC491K								
25	Impeller	Aluminium bronze EN-CC333G								
26	Mechanical seal	BQ1PGG								
Painting & consumables										
27	Painting spec. (only driver and driver bracket to be painted)									
28	Painting system				Top-coat colour					
29	Gear oil	1.3 l (total) Statoil Loadway EP 68								
30	Driver bearing grease	120 g (relubrication) Esso Unirex N2								
Driver, transmission & propeller										
31	Supply	440VΔ/60HZ/3ph			Output		86.0 kW			
32	Consumption FL/DOL-start	133 / 984 A								
33	FL speed	3563 rpm			Weight		480 kg			
34	Cable glands for OD's	Mains		Thermistors		Heater		Leak detector		
		30.0 – 38.5		8.5 – 13.5		8.5 – 13.5		9.1 – 14.3		
35	Transmission	28/16			Propeller type		A			