

DIESEL WATER PUMP SPP CUMMINS

FEATURES:

- *224 KW Cummins NT 855 Diesel engine 2100 RPM*
- *Chalwyn valve, sparks arrestors and emergency Shut off*
- *Fitted in certified offshore skid with welding plates, dim 3.4 m x 1.5 m x h 2 m*
- *one stage pump SPP type BQ08E*
- *Flow 500 m³ / h Max working pressure 7 bars*
- *Pump inlet 10", delivery 8"*



Pump test certificate :

SPP		TEST CERTIFICATE <small>Unless otherwise specified Tests carried out in accordance with BS 5316 Pt. 1 Class 'C'</small>		TEST No. SHT. 1 OF 1	CUSTOMER ATLAS FIRE ENGINEERING LTD CUSTOMER'S ORDER No. 16947				WORKS ORDER No. 8/S10044	SERIAL No. A			
NO. OF READING	UNIT	1	2	3	4	5	6	7	8	TEST CONDITIONS		PUMP TYPE 1	BOOSE
FLOW	DM ³ /M L/SEC	1690 1915	1770 1628	1840 140.0	1580 126.3	1290 104.8	1190 69.8	2210 36.8	0	FLUID	H ₂ O	SUCTION	250 mm
HEAD SUCTION	M	-1.2	-0.2	+0.9	+2.0	+2.7	+3.8	+4.3	+5.1	S.G.	1.0	DELIVERY	200 mm
DELIVERY	M	55.0	61.0	65.0	69.0	71.0	75.0	79.0	82.0	WATER TEMP.	°C	N. OF STAGES	ONE
VELOCITY CORRECTION	M	1.06	.77	.56	.46	.32	.3	.04	-	BAR.PRESS.		IMP. SHROUD DIA	380 mm
GAUGE POSITION CORRECTION	M									TEST MOTOR		IMP. TIP DIA.	380 mm
TOTAL HEAD	M	57.26	61.97	64.66	67.46	68.62	71.33	74.74	76.9	DELIVERY GAUGE No.	PI	DRIVER	
VOLTS										SUCTION GAUGE No.		MAKE	CUMMINS
AMPS.										FLOW METER	FL	TYPE	NT855-F3
MO. OR INPUT	KW									CUSTOMERS REQUIREMENTS			
MOTOR EFF%/LOSSES	KW									INSP. BY	-	KW.	224
MOTOR OUTPUT	KW									CERTS.	4	R.P.M.	2100
DRIVE LOSSES	KW									CURVES	-	VOLTS	
INPUT TO PUMP	KW									N.P.S.H. REQUIRED	- M	AMPS.	
FLUID KW										H.T.P.	26 BAR	PH./HZ	
R.P.M.		1750	1750	1750	1750	1760	1760	1760	1760	EQUIV. WATER DUTY	FLUID CLEAN WATER TEMP AMB°C VISC - S.G. 1.0 R.P.M. 1900	REMARKS	
CORRECTED RESULTS	FLOW	US GPM	3572	2611	2246	2026	1681	1119	590				
	TOTAL HEAD	PSI	81.4	88.0	91.9	95.9	97.5	101.4	106.2	109.3			
	INPUT TO PUMP (S.G. 1.0)												
	INPUT TO PUMP (S.G.)												
	PUMP EFF	%											
N.P.S.H.	M												

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