

ARTHUR G. MCKEE & COMPANY

CENTRIFUGAL PUMP DATA SHEET N° D/S-3-P 1201

REVISION BY DATE	Rev. <u>planned</u> 21-6-76	3.	4.	5.	6.	7.	8.
SERVICE <u>HYDROBON CHARGE</u>		MOTORS REQ'D <u>2</u>		TURBINES REQ'D			
NO. REQ'D <u>2</u>		TAG NO. <u>3P-1201 & 3P-1201A</u>		TAG NO. <u>3PM-1201 &</u>		TAG NO.	
FOR: <u>Y P F B</u>		SITE: <u>SANTACRUZ</u>		<u>3PM-1201A</u>			
MFR. <u>GOULDS PUMPS</u>		PROVIDED BY		PROVIDED BY			
SIZE & TYPE <u>VIC-10ALC/II</u>		SERIAL NO.		MOUNTED BY <u>PUMP SUPPLIER</u>		MOUNTED BY	
OPERATING CONDITIONS, EACH PUMP				PERFORMANCE			
LIQUID <u>HYDROCARBON</u>		U.S. GPM. at PT. MIN. <u>29</u>		RATED <u>114</u>		PROPOSAL CURVE NO. <u>72144 G</u>	
		DISCH. PRESS., PSIG		<u>395</u>		RPM <u>2960</u> NPSHR (WATER) <u>8 FT</u>	
PT. F. HOR. <u>100</u> MAX.		SUCTION PRESS., PSIG MAX.		RATED <u>0</u>		EFF. <u>50.8</u> BHP RATED <u>58.4</u>	
SP. GR. at PT. <u>0.715</u>		DIFF. PRESS., PSI		<u>395</u>		MAX. BHP RATED IMP. <u>63.9</u>	
VAP. PRESS. at PT. PSIA		DIFF. HEAD, FT.		<u>1276</u>		MAX. HEAD RATED IMP	
VIS. of PT. Sio		CP		<u>20*</u>		MIN. CONTINUOUS GPM	
CORR/EROS. CAUSED BY		HYD. HP		<u>26.2</u>		ROTATION (VIEWED FROM CPLG END) <u>CCW</u>	
CONSTRUCTION				SHOP TESTS			
NOZZLES	SIZE	RATING	FACING	LOCATION	<input checked="" type="checkbox"/> NON-WIT. PERF. <input type="checkbox"/> WIT. PERF.		
SUCTION	<u>6</u>	<u>150</u>	<u>RF</u>	<u>SIDE</u>	<input checked="" type="checkbox"/> NON-WIT. HYDRO <input type="checkbox"/> WIT. HYDRO		
DISCHARGE	<u>4</u>	<u>300</u>	<u>RF</u>	<u>SIDE</u>	<input type="checkbox"/> NPSH REQ'D. <input type="checkbox"/> WIT. NPSH		
CASE-MOUNT: <input type="checkbox"/> CENTERLINE <input type="checkbox"/> FOOT <input type="checkbox"/> BRACKET <input checked="" type="checkbox"/> VERT. (TYPE) <u>DOUBLE CASE</u>					<input type="checkbox"/> SHOP INSPECTION		
-SPLIT: <input type="checkbox"/> AXIAL <input checked="" type="checkbox"/> RAD; TYPE VOLUTE <input type="checkbox"/> SGL <input type="checkbox"/> DBL <input type="checkbox"/> DIFFUSER TYPE SUCT. SINGLE					<input type="checkbox"/> DISMANT. & INSP. AFTER TEST		
-PRESS <input checked="" type="checkbox"/> MAX. ALLOW. <u>500</u> PSIG <input type="checkbox"/> F; <input checked="" type="checkbox"/> HYDRO TEST <u>750</u> PSIG					<input checked="" type="checkbox"/> OTHER VIBRATION TEST		
-CONNECT: <input type="checkbox"/> VENT <input checked="" type="checkbox"/> DRAIN <input type="checkbox"/> GAGE							
IMPELLER DIA.: <input checked="" type="checkbox"/> RATED <u>6.25</u> <input type="checkbox"/> MAX. <u>6.687</u> <input checked="" type="checkbox"/> TYPE: <u>CLOSED</u>							
MOUNT: <input type="checkbox"/> BETWEEN BRGS <input type="checkbox"/> OVERHUNG <input checked="" type="checkbox"/> STAGES: <u>11</u>					MATERIALS		
BEARINGS-TYPE: <input checked="" type="checkbox"/> RADIAL BALL <input type="checkbox"/> THRUST BALL					PUMP: CASE/TRIM CLASS <u>S-6</u>		
LUBE: <input checked="" type="checkbox"/> RING OIL <input type="checkbox"/> FLOOD <input type="checkbox"/> OIL MIST <input type="checkbox"/> FLINGER <input type="checkbox"/> PRESSURE					<u>CAST IRON IMPELLERS</u>		
COUPLING: <input checked="" type="checkbox"/> MFR <u>STD SPACER</u> <input type="checkbox"/> MODEL <u>STD AS (TYPE)</u>					<u>BRONZE GLAND THROTTLE RUSHING</u>		
DRIVER HALF MTD BY: <input checked="" type="checkbox"/> PUMP MFG <input type="checkbox"/> DRIVER MFR <input type="checkbox"/> PURCHASER					BASEPLATE: <input checked="" type="checkbox"/>		
PACKING: <input type="checkbox"/> MFR & TYPE <input type="checkbox"/> SIZE/NO. OF RINGS					<input checked="" type="checkbox"/> VERTICAL PUMPS		
MECH. SEAL: <input checked="" type="checkbox"/> MFR & MODEL <u>DURAMETALLIC</u> API CLASS. CODE <u>BSTGM</u>					PIT OR SUMP DEPTH <input type="checkbox"/>		
<input type="checkbox"/> MFR CODE <u>PT-EMSE(F/V)TT</u> SEAL METAL PARTS: <u>S.S.</u>					MIN. SUBMERGENCE REQ'D. <input type="checkbox"/>		
AUXILIARY PIPING							
<input type="checkbox"/> C.W. PIPE PLAN <input type="checkbox"/> CU; <input type="checkbox"/> S.S.; <input type="checkbox"/> TUBING; <input type="checkbox"/> PIPE				COLUMN PIPE: <input checked="" type="checkbox"/> FLANGED <input type="checkbox"/> THREADED			
<input type="checkbox"/> TOTAL COOLING WATER REQ'D, GPM <input type="checkbox"/> SIGHT F.I. REQ'D.				LINE SHAFT: <input checked="" type="checkbox"/> OPEN <input type="checkbox"/> ENCLOSED			
<input type="checkbox"/> PACKING COOLING INJECTION REQ'D: <input type="checkbox"/> TOTAL GPM <input type="checkbox"/> PSIG				BRG: <input checked="" type="checkbox"/> BOWL <u>Brg</u> <input checked="" type="checkbox"/> LINE SHAFT <u>Brg</u>			
<input checked="" type="checkbox"/> SEAL FLUSH PIPE PLAN <u>11</u> <input type="checkbox"/> C.S. <input type="checkbox"/> S.S. <input type="checkbox"/> TUBING <input type="checkbox"/> PIPE				BRG. LUBE <input checked="" type="checkbox"/> WATER <input type="checkbox"/> OIL <input type="checkbox"/> GREASE			
<input type="checkbox"/> EXTERNAL SEAL FLUSH FLUID <input type="checkbox"/> GPM <input type="checkbox"/> PSIG				FLOAT & ROD <input type="checkbox"/> C.S. <input type="checkbox"/> S.S. <input type="checkbox"/> BRZ <input type="checkbox"/> NONE			
<input checked="" type="checkbox"/> AUXILIARY SEAL PLAN <u>61</u> <input type="checkbox"/> C.S. <input type="checkbox"/> S.S. <input type="checkbox"/> TUBING <input type="checkbox"/> PIPE				FLOAT SWITCH <input type="checkbox"/>			
<input type="checkbox"/> AUX. SEAL QUENCH FLUID				PUMP THRUST, LB <input type="checkbox"/> UP <input type="checkbox"/> DOWN <u>3550</u>			
MOTOR DRIVER							
HP <u>75</u> RPM <u>2960</u> FRAME		VOLTS/PHASE/CYCLES <u>380/3/50</u>					
MFR <u>U.S.</u> BEARINGS <u>BALL</u> LUBE <u>GREASE</u>							
TYPE <u>Cond Duty</u> INSUL <u>B</u> FULL LOAD AMPS							
ENC <u>TEFC</u> TEMP RISE, C <u>80</u> LOCKED ROTOR AMPS							
O VHS O VSS VERT. THRUST CAP., LB		<u>ELECT. AREA CLASS I DIV 2 GR B</u>					
API STANDARD 610 GOVERNS UNLESS OTHERWISE NOTED.							
A SPILLBACK TO SUCTION WILL BE PROVIDED IN PIPING TO INSURE SATISFACTORY PUMP OPERATION AT LOW FLOW. - VENDOR TO ADVISE MINIMUM PUMP CAPACITY. -							
SEE UOP SPEC 342 AND 358 FOR ADDITIONAL REQUIREMENTS.							
MADE BY <u>OMR</u> CHECKED BY PAGE <u>1</u> OF <u>1</u> CONT. No. <u>AG-85/86</u> B/M No. <u>P-101/A</u>							

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