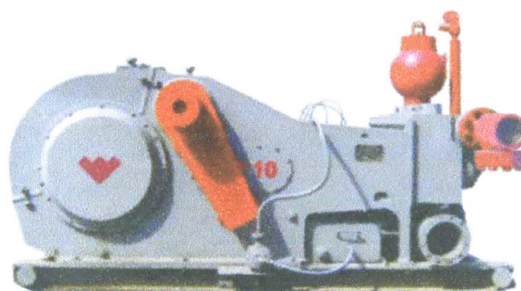

MODEL MP10

Triplex Mud Pump

The Weatherford Model MP10 is a single acting triplex mud pump rated for 1000 HP in oilfield drilling applications. Compatibility with field proven design standards and high quality fabrication techniques assure performance and durability in the most demanding drilling conditions. The pump is supplied skid mounted with a comprehensive array of accessory equipment.



Specifications

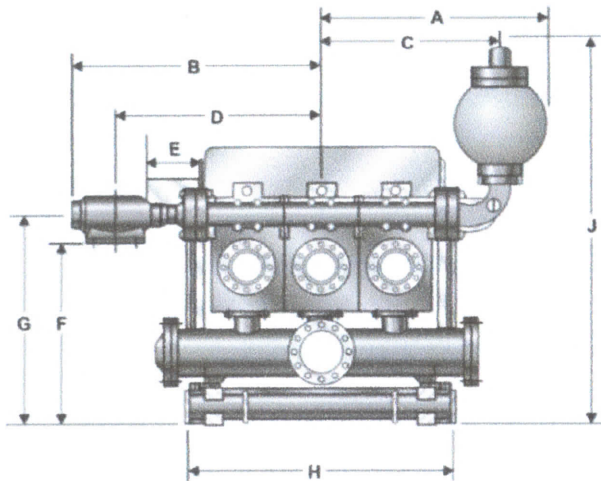
Rated Power	1000 HP
Maximum Speed	140 RPM (at crankshaft)
Minimum Speed	40 RPM (at crankshaft)
Stroke Length	10 IN
Gear Reduction Ratio	4,207:1
Rated Rod Load	84,100 LB
Pump Weight	37,400 LB
Valve Pct	API-6
Maximum Fluid Temp.	140°F
Mechanical Efficiency	90%

Performance Ratings

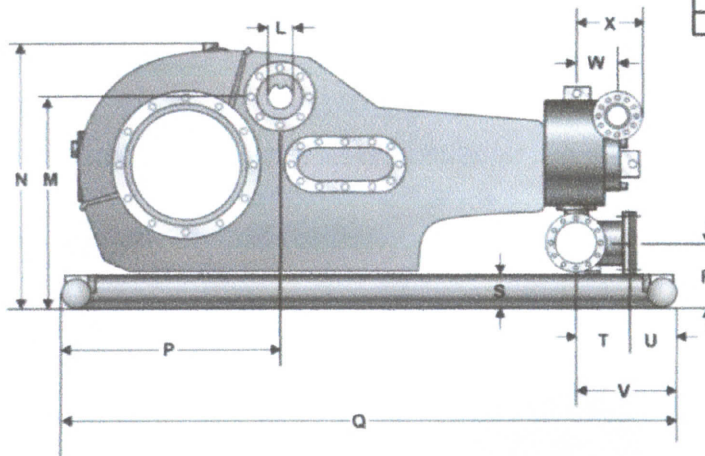
Plunger Size (Inch)	Displacement (GAL/REV)	Rated Pressure (PSI)	Pump Capacity (GPM) @ Jackshaft Speed				
			170 RPM	450 RPM	500 RPM	550 RPM	590 RPM
6.75	4,647	2,400	188	497	552	608	652
6.5	4,309	2,500	174	461	512	563	604
6.25	3,984	2,700	161	426	474	521	559
6	3,672	3,000	148	393	436	480	515
5.5	3,085	3,500	125	330	367	403	433
5	2,550	4,300	103	273	303	333	358
4.5	2,065	5,000	83	221	245	270	290
		Horsepower	293	774	860	946	1015

Model MP10

General Dimensions



	INCH	MM
A	58.6	1489
B	65.9	1673
C	46.2	1173
D	54.1	1375
E	13.4	340
F	45.0	1144
G	53.0	1347
H	64.0	1625
J	101.2	2571
L (Diameter)	7.75	196.85
(Keyway)	2 X 1	50.8 X 25.4
M	57.7	1464.5
N	70.9	1802
P	67.0	1703
Q	168.0	4267
R	19.2	487
S	11.8	300
T	16.5	419
U	14.3	364
V	27.3	694
W	10.7	273
X	17.7	450



Suction: 12" Flanged
 Discharge: 5-1/8" API Flanged



Weatherford

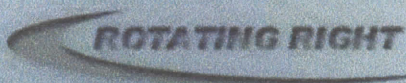
Weatherford International, Ltd.

Note

1. Capacities shown based on 100% volumetric efficiency. Actual capacities will be lower based on discharge pressures and fluid properties.
2. Drawings shown are typical and should not be used for fabrication purposes.

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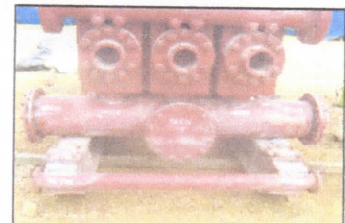


NON DESTRUCTIVE TESTING -INSPECTION REPORT-

Fecha:08-06-11
Version:0

COMPANY: BETA ENRGY	CURRENT: BLACK LIGHT & A.C YOKE	REPORT No: 0208-I-13
WORK ORDER No: 0208-I-13	SPECIFICATION: ASTME E 709-02MP	DATE STARTED: 18/FEB/2013
TOOL DESCRIPTION : BOMBA DE LODOS	SERIAL: W-221	INSPECTED BY: EDINSON PIÑEROS
BLACK LIGTH INTENSITY: 1300watts/cm2	PARTICLES MAGNETIC CONC: 0,3ML/100ML	REGISTER No: A.D.C 1977 NDT

BOMBA DE LODOS W-221



BOMBA DE LODOS : MODEL MP-10
SERIAL: W-221
POTENCIA NOMINAL: 1.000 HP
LARGO RECORRIDO: 10 INCH
RELACION DE ENGRANAJES INTERNA: 4.207:1
VELOCIDAD MAXIMA DE MANIVELA: 140 RPM
CAPACIDAD DE COMBUSTIBLE: 75 GAL
FABRICANTE: WEATHERFORD

ITEM	TOOL PARTS	TYPE OF DEFECT				TYPE OF INSPECTION	OK	COMMENTS
		CRACK	TWISTED	BROKEN	PITTING			
1	SOLDADURAS LATERALES	NO	NO	NO	NO	VISUAL/W.M.P.I	X	(14) UNIDADES OPERATIVAS
2	SOLDADURAS FRONTALES	NO	NO	NO	NO	VISUAL/W.M.P.I	X	(11) UNIDADES OPERATIVAS
3	SOLDADURAS INFERIORES	NO	NO	NO	NO	VISUAL/W.M.P.I	X	(10) UNIDADES OPERATIVAS
4	SOLDADURAS SUPERIORES	NO	NO	NO	NO	VISUAL/W.M.P.I	X	(14) UNIDADES OPERATIVAS
								EN EL MOMENTO DE LA INSPECCION NO SE ENCONTRARON DAÑOS RELEVANTES
								CONDICION FINAL:
								OPERATIVO
INSPECTED BY: EDINSON PIÑEROS		APPROVED BY: GERMAN SANCHEZ			RECEIVED BY:			
W-221		DOCUMENTO ORIGINAL			DOCUMENTO CONTROLADO			

