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CAT

266-2297



JWS-340 WELL SERVICE PUMP

JWS-340 INTERMITTENT DUTY PERFORMANCE CHART

PISTON OR PLUNGER DIA.	2 3/4		3 1/2		4		4 1/2	
	GPM	PSI	GPM	PSI	GPM	PSI	GPM	PSI
RPM	174	3029	281	1870	367	1430		
450	154	3400	250	2100	326	1610		
400	135	3680	219	2400	286	1840		
350	115	3960	188	2800	245	2140		
300	95	5400	147	3360	184	2570	232	2260
250	87	6040	125	4200	165	3210	203	3100
225	77	6800	62	6220	82	4760	52	5700
200	77	10,000	31	6220	41	4760	26	3760
100	39	10,000	31	6220	20	4760		
50	19	10,000	16	6220				
25	10	10,000						

HP BASED ON 90% MECHANICAL EFFICIENCY AND 100% VOLUMETRIC EFFICIENCY.

AIR TEMPERATURE
50°F TO 155°F
20°F TO 100°F
-20°F TO 60°F

CRANKCASE OIL CAPACITY 5 1/2 UNITED STATES GALLONS.

CRANKCASE
INDUSTRIAL EP GEAR OIL
AGMA #6 EP OR ISO 320 EP
AGMA #5 EP OR ISO 220 EP
AGMA #2 EP OR ISO 68 EP

MANUFACTURED UNDER ONE OR MORE UNITED STATES PATENTS
4,667,697 4,487,222 3,399,694 3,276,639 4,667,697

RATED MAXIMUM INPUT - 340 HP AT 450 RPM
STROKE LENGTH - 5" TRIPLEX

PUMP SERIAL NUMBER

67244

FLUID END SERIAL NUMBER

67240

FLUID END TEST PRESSURE 15,000 PSI

NOTE: THESE RATINGS ARE FOR INTERMITTENT SERVICE. PRESSURES UP TO THOSE SHOWN MAY BE UTILIZED FOR A PERIOD NOT TO EXCEED A TOTAL OF 4 HOURS IN 24 HOURS.

CAUTION: WHEN PUMP IS EQUIPPED WITH PISTONS AND LINERS, SPEEDS IN EXCESS OF 225 RPM OR PRESSURES IN EXCESS OF 5000 PSI ARE NOT RECOMMENDED.

CHARGE PUMP: A SUCTION SYSTEM CHARGE PUMP IS CAPABLE OF DELIVERING 1 1/2 TIMES THE MAXIMUM OPERATING VOLUME AT 80 FT. HEAD IS RECOMMENDED.

LUBRICATION INSTRUCTIONS

OIL MUST POUR FREELY AT MINIMUM OPERATING TEMPERATURE. CHANGE OIL AS FREQUENTLY AS REQUIRED TO MAINTAIN A SLUDGE FREE OIL OF PROPER VISCOSITY. CHECK OIL LEVEL PERIODICALLY WITH PUMP AT REST. ROTATE IDLE PUMP OCCASIONALLY TO AVOID CORROSION.



NATIONAL OILWELL VARCO
HOUSTON, TEXAS U.S.A.

IMPROPER SERVICE PRO...
RESULT IN DAMAGE OR...

DISCONNECT PUMP FROM POWER...
ATTEMPT TO SERVICE PUMP...

BF 3
PENC

CHART M...
ITEMS REF...



X17-8445P GFI 20621100

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CENTRIFUGAL PUMP

CE (Ex) II 2 G c +80°C (T1) (-20 C < Ta < +30°C)

Model: **250 SERIES**

Technical File # **MCM 250**

Imp. Dia: **1 1/2" RH**

Pump Serial # **1080**

Packing/MS: **MS**

Temp. Range: **-20°C to +55°C**

Grease/Oil: **G**

Year of construction: **2015**

Pump Size: **1X5X14**

PH: 713-541-2020 HOUSTON, TEXAS

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The image shows three vertical industrial valves, likely part of a wellhead or production system. Each valve has a red handwheel and a black flange. The valves are mounted on a red-painted metal structure. The central valve has a black flange with the number '0716034' visible. The other two valves have similar components but their numbers are less distinct. The background is a solid red color.

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A close-up photograph of a red industrial machine. The machine features a large, diamond-patterned metal grate in the center. Above the grate, there is a red emergency stop button. The machine is painted a bright red color. In the background, a worker wearing a red hard hat is visible, along with some blue equipment. The overall scene is brightly lit, suggesting an outdoor or well-lit industrial environment.

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