

FMC Model #:	<u>M 0816</u>	actual pressure:	<u>1,400</u> PSI	<u>97</u> Bar
number of plungers:	<u>3</u>	actual rod load:	<u>4,398</u> lbs	<u>19564</u> N
stroke length (inches):	<u>2.000</u>	maximum pressure:	<u>1,420</u> PSI	<u>98</u> Barg
plunger dia (inches):	<u>2.000</u>	max rod load(lb):	<u>4,450</u> lbs	<u>19,794</u> N
Gallons/rev:	<u>0.082</u>	percent difference:	<u>1%</u>	

	PUMP RPM	FLOW GPM	FLOW LPM	FLOW BPD	HP Required	kW Required
	0	0.0	0.0	0.0	0.0	0.0
	50	3.9	14.7	132.9	3.5	2.6
min RPM	100	7.8	29.3	265.8	7.0	5.2
	150	11.6	44.0	398.7	10.6	7.9
	200	15.5	58.7	531.6	14.1	10.5
	250	19.4	73.4	664.5	17.6	13.1
	300	23.3	88.0	797.4	21.1	15.7
	350	27.1	102.7	930.3	24.6	18.4
max RPM	400	31.0	117.4	1063.2	28.1	21.0

Estimated Mechanical Eff. = 90%  
Estimated Volumetric Eff. = 95%

FMC Part Number: TBD  
Tag Number: TBD

49.0 GPM is achieved at: 632  
185.5 LPM is achieved at: 632

HP Required: 44  
kW Required: 33



