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**CMU SERIES CENTRIFUGAL FIRE PUMP PERFORMANCE SHEET
(Speed and Power Data)**

Impeller Diameter – 10 Inch

Pump Test		Series-Parallel No. Stages	Impeller Combinations									
			71649-71650									
GPM	PSI		RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
1000	150	Parallel	3300	132								
700	200	Series	2970	124								
700	200	Parallel	3700	161								
500	250	Series	3050	111								
1000	165	Parallel	3440	148								
1250	150	Parallel	3370	156								
875	200	Parallel	3730	177								
625	250	Series	3160	137								
1250	165	Parallel	3500	173								
1500	150	Parallel	3470	184								
1050	200	Parallel	3780	193								
750	250	Series	3300	163								
1500	165	Parallel	3600	202								
1750	150	Parallel	3600	216								
1225	200	Parallel	3830	213								
875	250	Series	3450	195								
1750	165	Parallel	3730	236								
2000	150	Parallel	3730	251								
1400	200	Parallel	3900	235								
1000	250	Series	3620	231								
2000	165	Parallel	3860	275								
Pump Curve No. 760802												

Table continued on following page.

CMU SERIES CENTRIFUGAL FIRE PUMP PERFORMANCE SHEET (Cont'd)
(Speed and Power Data)

Impeller Diameter – 10 Inch

Pump Test		Series-Parallel No. Stages	Impeller Combinations									
			71649-71650									
GPM	PSI		RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
2250	150	Parallel	4010	320								
1575	200	Parallel	4060	274								
1125	250	Series	3840	290								
2250	165	Parallel	4130	344								
20	80	Parallel	2208	28								
100	100	Parallel	2645	43								
20	80	Series	1691	11								
100	100	Series	1863	17								
80	500	Series – 2 Stage	4100	175								
60	600	Series – 2 Stage	4490	226								
600	600	Series – 2 Stage	4630	360								
Pump Curve No. 760802												

CMU SERIES CENTRIFUGAL FIRE PUMP PERFORMANCE SHEET (Cont'd)
(Lift and Elevation Data)

Pump Test		Suction Hose Dia (20 FT Length)	Impeller Combinations			
			71649-71650 (Standard Adapter)		71649-71650 (Large Adapter)	
GPM	PSI		Maximum Lift See Level (Ft)	Maximum Alt (Ft) 10 Ft Lift	Maximum Lift See Level (Ft)	Maximum Alt (Ft) at Lift Specified
1000	150	5"	14.0*	4700		
1000	150	6"	19.1*	8500	19.1*	8500 (10')
1250	150	6"	15.5*	6000	16.5*	7100 (10')
1250	150	6"***	20.0*	10,000	21.5*	11,300 (10')
1500	150	6"	11.5*	1600	14.0	3700 (10')
1500	150	6"***	18.5*	8500	19.5*	9300 (10')
1750	150	6"***			17.0*	7900 (8')
2000	150	6"***			12.5*	6300 (6')
2250	150	6"***			10*	4000 (6')
*Based on the use of 30'-0" suction hose.						
**Dual suction hose operation – one on each side of pump.						
Data shown is generally applicable. Performance for a specific configuration of pump may vary from that shown. See form F-1096, (latest revision).						
However, the design of the suction piping and inclusion of intake valves will have an adverse effect on lift and altitude performance.,						
Friction loss in hose and strainer is based on data in NFPA Standard No. 1901, 1999 edition, Table 14-2-.4.1(b)						