

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

PUMP TEST		SERIES- PARALLEL NO. STAGES	IMPELLER COMBINATIONS										
			IMPELLER DIAMETER 10		71649 - 71650								
			GPM	PSI	RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM
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									
2250	150	Parallel	4010	320									
1575	200	Parallel	4060	274									
1125	250	Series	3840	290									
2250	165	Parallel	4130	344									
80	500	Series - 2 Stage	4100	175									
60	600	Series - 2 Stage	4490	226									
600	600	Series - 2 Stage	4630	360									
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**CMU SERIES CENTRIFUGAL FIRE PUMP PERFORMANCE SHEET
 (Lift and Elevation Data)**

PUMP TEST		SUCTION HOSE DIA (20 FT LENGTH)	IMPELLER COMBINATIONS			
			71649- 71650 (STANDARD ADAPTER)		71649 - 71650 (LARGE ADAPTER)	
			Maximum Lift Sea Level (Ft)	Maximum Alt (Ft) 10 Ft Lift	Maximum Lift Sea Level (Ft)	Maximum Alt (Ft) at Lift Specified
GPM	PSI					
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 the 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)						
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