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

Pump Test		Series-Parallel No. Stages	Impellers									
			71651-T Imp. Dia – 10-1/2” Eye Dia – 5-7/8”		81882-T Imp. Dia – 10” Eye Dia – 5-7/8”							
GPM	PSI		RPM	HP	RPM	HP	RPM	HP	RPM	HP	RPM	HP
1250	150	Single	3250	150	3350	145						
875	200	Single	3545	160	3680	158						
625	250	Single	3860	187	4080	185						
1250	165	Single	3370	166	3490	160						
1500	150	Single	3345	177	3480	175						
1050	200	Single	3585	178	3710	175						
750	250	Single	3880	194	4100	198						
1500	165	Single	3450	195	3600	190						
1750	150	Single	3455	206	3600	208						
1225	200	Single	3620	197	3760	195						
875	250	Single	3900	205	4100	210						
1750	165	Single	3565	223	3710	227						
2000	150	Single	3600	245	3800	245						
1400	200	Single	3670	216	3800	220						
1000	250	Single	3920	224	4100	225						
2000	165	Single	3700	262	3900	265						
2250	150	Single	3760	297								
1575	200	Single	3785	258								
1125	250	Single	4035	258								
2250	165	Single	3850	322								
80	250	Single	3785	152	4130	151						
60	300	Single	4140	198	4150	200						
20	80	Single			2378	29						
100	100	Single			2689	42						
60	500	Series – 2 Stage*	3950	191								
80	500	Series – 2 Stage* (*Impeller 71670 Added)	3970	197								
Pump Curve Number			760106		970709							

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

Pump Test		Suction Hose Dia (20 Ft Length)	Impeller Combinations								
			71651-T Standard Adapter		71651-T Large Adapter		81882-T Standard Adapter		81882-T Large Adapter		
GPM	PSI		Maximum Lift Sea Level (Ft)	Maximum Alt (Ft) 10 Ft Lift	Maximum Lift Sea Level (Ft)	Maximum Alt (Ft) at Lift Specified	Maximum Lift Sea Level (Ft)	Maximum Alt (Ft) at Lift Specified	Maximum Lift Sea Level (Ft)	Maximum Alt (Ft) at Lift Specified	
1250	150	6"	17.4*	7600	19.4*	9500 (10')	14.0*	5000 (10')	15.5*	6000 (10')	
1250	150	6"***	19.5*	9000	22.5*	12,500 (10')	16.0*	7000 (10')	19.0*	10,500 (10')	
1500	150	6"	12.4	2,000	14.5*	5300 (10')	11.0	1100 (10')	13.0	3500 (10')	
1500	150	6"***	16.0*	6,500	20.5*	10,300 (10')	14.5*	5000 (10')	18.5*	8000 (10')	
1750	150	6"***			18.0*	10,000 (8')			18.0*	10,000 (8')	
2000	150	6"***			13.2*	6600 (6')			13.2*	3500 (6')	
2250	150	6"***			10*	4000 (6')					
		*Based on the use of 30'-0" suction hose. **Dual suction hose operation – one 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)			