

ESU1 SERIES PUMP PERFORMANCE SHEET
(Speed and Power Data)

Pump Test		No. of Stages	Impeller Diameter - 12 in.	
			8 in. Intake & Dual Intake	
			83955 & 83986	
			7.5 in. Eye Diameter	
GPM	PSI (1)		Speed (RPM)	Power (HP)
1500	150	Single	2950	195
1050	200	Single	3300	231
750	250	Single	3675	278
1500	165	Single	3080	219
1750	150	Single	3025	221
1225	200	Single	3325	247
875	250	Single	3680	290
1750	165	Single	3140	242
2000	150	Single	3095	242
1400	200	Single	3350	265
1000	250	Single	3680	303
2000	165	Single	3210	272
2250	150	Single	3155	271
1575	200	Single	3400	285
1125	250	Single	3700	318
2250	165	Single	3280	300

(1) Net pump pressure.

ESU1 SERIES PUMP PERFORMANCE SHEET
(Lift and Elevation Data)

Pump Test		Intake Hose Dia. (20 Foot or 6 Meter Length) (2)	Impeller		
			8 in. Intake & Dual Intake		
83955 & 83986 (7.5 in. Eye Diameter)					
GPM	PSI (1)		Maximum Lift Sea Level (Feet)	Maximum Altitude at Lift Specified (Feet)	Maximum Allowance for Connecting Piping (”Hg) (3)
1500	150	6 in. (4)	13	2640 (10 Foot Lift)	1
1750	150	6 in. (4)	12	4000 (8 Foot Lift)	2
2000	150	6 in. (4)	10	4000 (6 Foot Lift)	2
2250	150	6 in. (4)	13	5900 (6 Foot Lift)	4

Data shown is generally applicable. Performance for a specific configuration of pump may vary from that shown. See form F-1096.

(1) Net pump pressure.

(2) Friction loss in hose and strainer is based on data in NFPA Standard No. 1901, 2003 edition, Table 16.2.4.1 (b).

(3) Maximum friction loss allowance for connecting piping including intake valves between pump intake and connecting hose of apparatus.

(4) Dual suction operation, two intake hoses required.