



**HLU SERIES PUMP PERFORMANCE SHEET  
(Speed and Power Data)**

Issued: 6/5/19  
Revised: 6/18/21

Pump Test		Stage	Impeller Diameter – 10.923"	
			6 in. Intake	
			73182 & 83152, 82577	
GPM	PSI (1)		Speed (RPM)	Power (HP)
1000	150	Low Pressure	3200	140
700	200	Low Pressure	3350	150
500	250	Low Pressure	3550	170
1000	165	Low Pressure	3900	150
1250	150	Low Pressure	3375	167
875	200	Low Pressure	3600	166
625	250	Low Pressure	3920	185
1250	165	Low Pressure	3480	180
1500	150	Low Pressure	3580	205
1050	200	Low Pressure	3650	191
750	250	Low Pressure	3950	200
1500	165	Low Pressure	3675	220
100	600	High Pressure	3250	150
(1) Net pump pressure				
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Stage				Speed (RPM)	Power (kW)
High Pressure		Low Pressure			
LPM	bar	LPM	bar		
250	40	580	9	2865	145
		3785	8	2935	210
		4500	7	2945	220
400	40	4620	10	3360	285
		5235	9	3385	300
		5725	8	3410	315
		6180	7	3430	325

Pump Test		Intake Hose Dia. (20 FT Length) (2)	Maximum Lift Sea Level (Feet)	Maximum Altitude at Lift Specified (Feet)	Maximum Allowance for Connecting Piping ("HG) (3) (4)
GPM	PSI (1)				
1000	150	6"	17	6600	4.5
1250	150	6"	14	3500 (10-Foot Lift)	1.5
1500	150	Dual 6"	14	3500 (10-Foot Lift)	1.5

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) Per NFPA Standard; 10-Foot Lift at 2000 Feet altitude.