NV120B6FE

140.0 USgpm | 180.0 psi | 3450 rpm | 66.54 % TWE

True Weighted Efficiency **TWΣ**™   TWE, pump = 66.54%

Load Profile: TWE, system = 31.59%

Commercial Buildings (IPLV)

	1	2	3	4	5	Total
Flow (%)	100.0	75.0	50.0	25.0	-	-
Flow (USgpm)	140.0	105.0	70.00	35.00	-	-
Operating time (%)	1.0	42.0	45.0	12.0	-	100.0
Operating time (Hours)	87.60	3,679.20	3,942.00	1,051.20	-	8760.0
Energy cost, present value ($)	0.1	0.1	0.1	0.1	-	-
Speed, rated (rpm)	3450.0	3450.0	3450.0	3450.0	-	-
Head (psi)	199.1	218.2	235.1	248.3	-	-
Head, System (psi)	180.0	124.9	85.50	61.88	-	-
Efficiency (%)	80.79	75.70	62.52	38.99	-	-
Power, rated (hp)	20.13	17.66	15.36	13.00	-	-
Energy, hydraulic (kWh)	1,062.3	36,669.0	28,224.8	3,973.1	-	69,929.2
Energy, hydraulic, System (kWh)	960.3	20,984.5	10,262.7	990.3	-	33,197.7
Energy, total (kWh)	1,314.9	48,443.0	45,147.0	10,189.0	-	105,093.8
Energy, total, system (kWh)	1,314.9	48,443.0	45,147.0	10,189.0	-	105,093.8
Energy cost	$ 131.49	$ 4,844.30	$ 4,514.70	$ 1,018.90	-	$ 10,509.38

TWE, pump is ratio of of the total hydraulic energy produced by the pump divided by the total energy consumed by the pump, added across all of the operating points. [Energy,hydraulic] / [Energy,total].

TWE, system is ratio of the total hydraulic energy along the system curve divided by the total energy consumed by the pump, added across all of the operating points . [Energy,hydraulic,System] / [Energy,total].