

NP 3153 HT 3~ 465



Performance curve

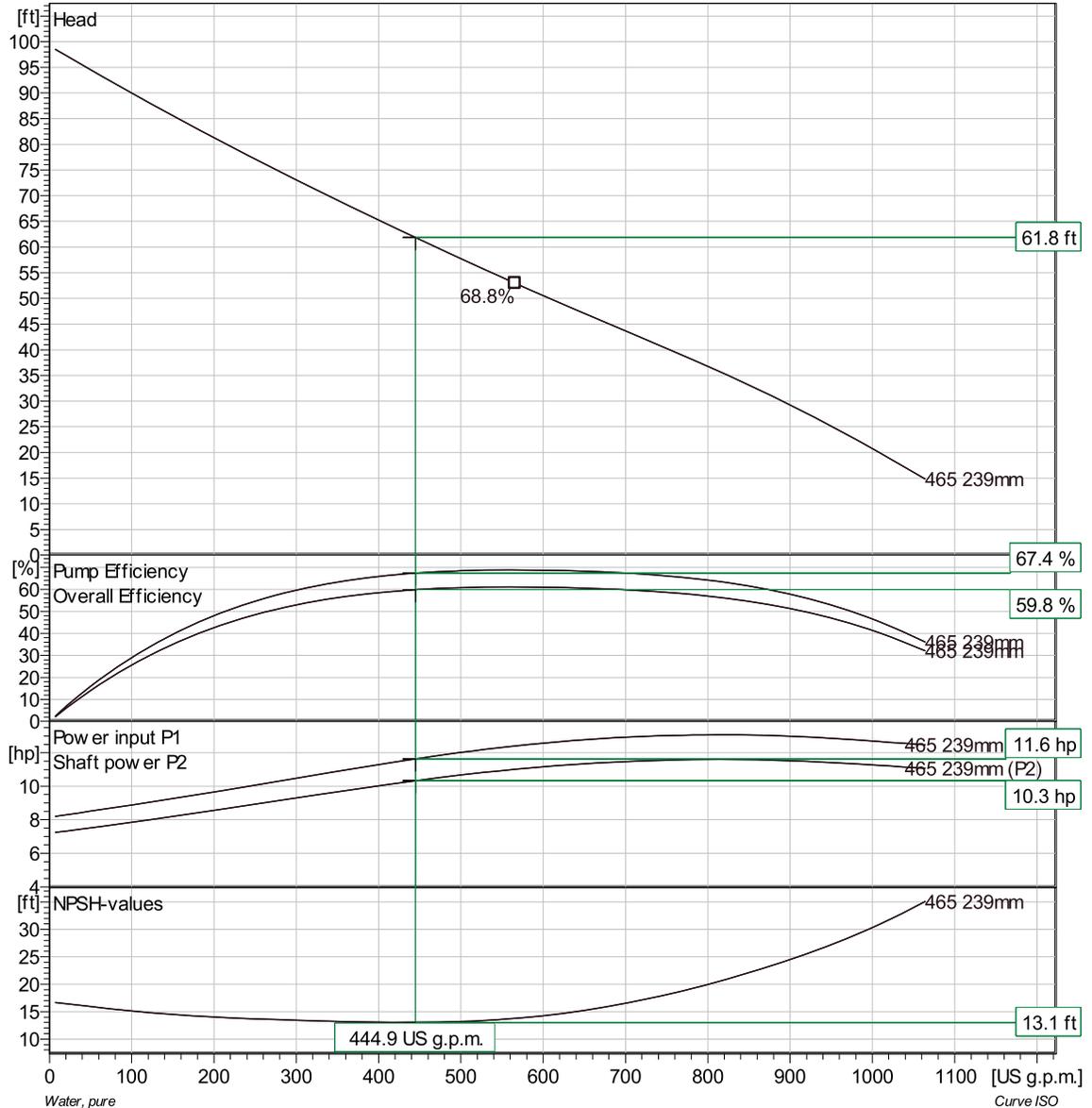
Pump

Discharge Flange Diameter 3 15/16 inch
 Suction Flange Diameter 100 mm
 Impeller diameter 9 7/16"
 Number of blades 2

Motor

Motor # N3153.185 21-15-4AA-W 12hp
 Stator variant 5
 Frequency 60 Hz
 Rated voltage 460 V
 Number of poles 4
 Phases 3~
 Rated power 12 hp
 Rated current 16 A
 Starting current 114 A
 Rated speed 1765 rpm

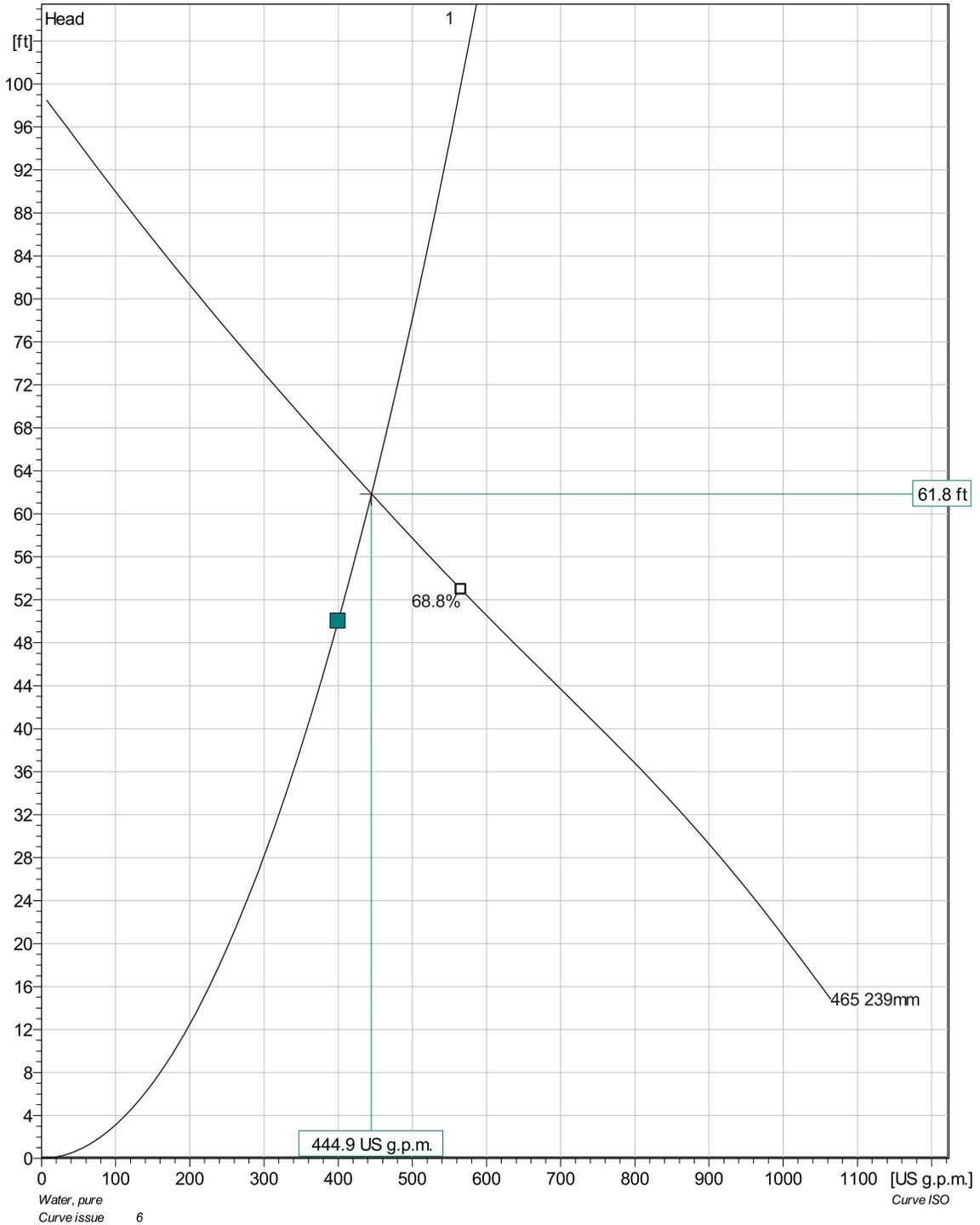
Power factor
 1/1 Load 0.78
 3/4 Load 0.71
 1/2 Load 0.58
 Motor efficiency
 1/1 Load 88.5 %
 3/4 Load 88.5 %
 1/2 Load 87.0 %



Duty point	Guarantee
Flow	Head
400 US g.p.m.	50 ft
	No

Project	Project ID	Created by	Created on	Last update
	DP N80	Jon L. Vollbrecht	5/4/2018	5/24/2018

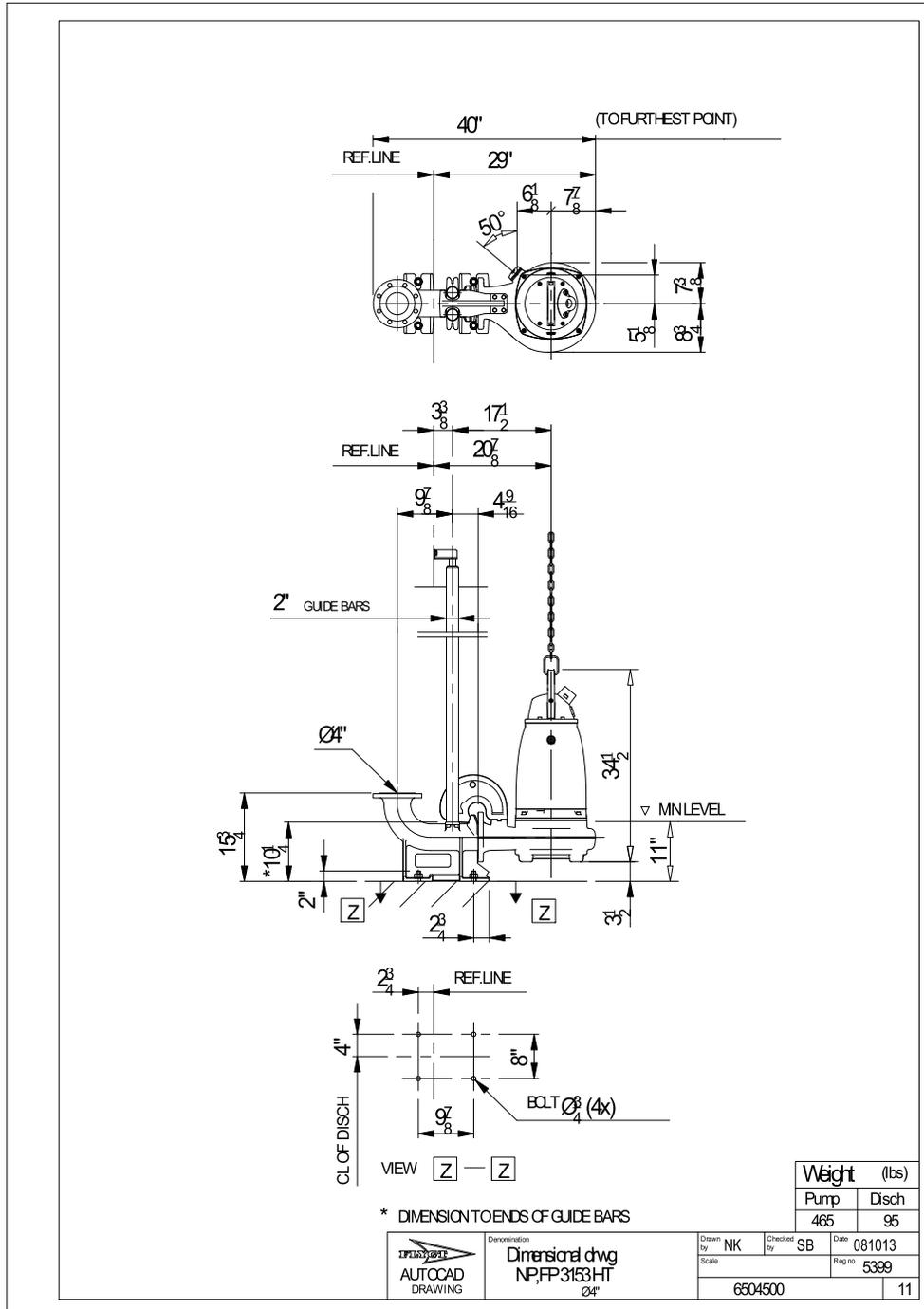
NP 3153 HT 3~ 465 Duty Analysis



Pumps running /System	Individual pump			Total					
	Flow	Head	Shaft power	Flow	Head	Shaft power	Pump eff.	Specific energy	NPSHre
1	445 US g.p.m.	61.8 ft	10.3 hp	445 US g.p.m.	61.8 ft	10.3 hp	67.4 %	325 kWh/US MG	13.1 ft

Project	Project ID DP N80	Created by Jon L. Vollbrecht	Created on 5/4/2018	Last update 5/24/2018
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NP 3153 HT 3~ 465 Dimensional drawing



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