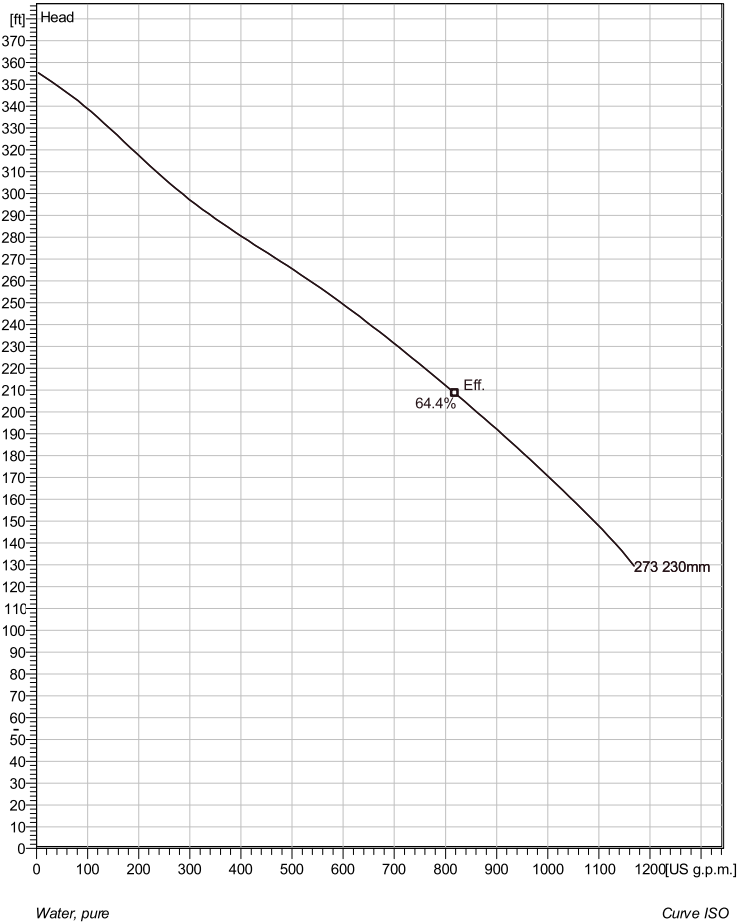


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Technical specification

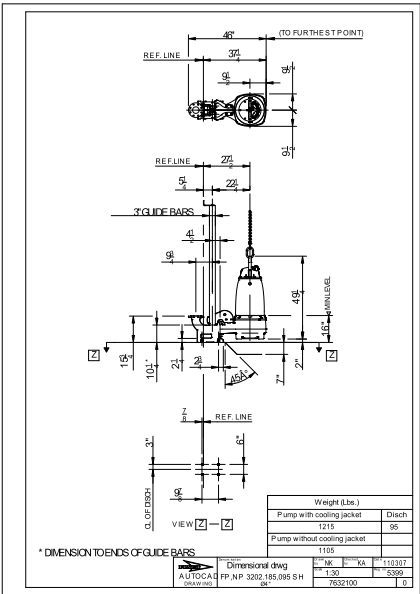


Note: Picture might not correspond to the current configuration.

General
Patented self cleaning semi-open channel impeller, ideal for pumping in waste water applications. Possible to be upgraded with Guide-pin® for even better clogging resistance. Modular based design with high adaptation grade.

Impeller	
Impeller material	Hard-Iron TM
Discharge Flange Diameter	3 15/16 inch
Inlet diameter	5 7/8 inch
Impeller diameter	230 mm
Number of blades	2

Installation: P - Semi permanent, Wet



Motor	
Motor #	
Approval	Standard
Stator variant	
Frequency	
Rated voltage	
Number of poles	
Phases	
Rated power	
Rated current	
Starting current	
Rated speed	
Power factor	
1/1 Load	
3/4 Load	
1/2 Load	
Pump Efficiency	
1/1 Load	
3/4 Load	
1/2 Load	

Configuration

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Performance curve



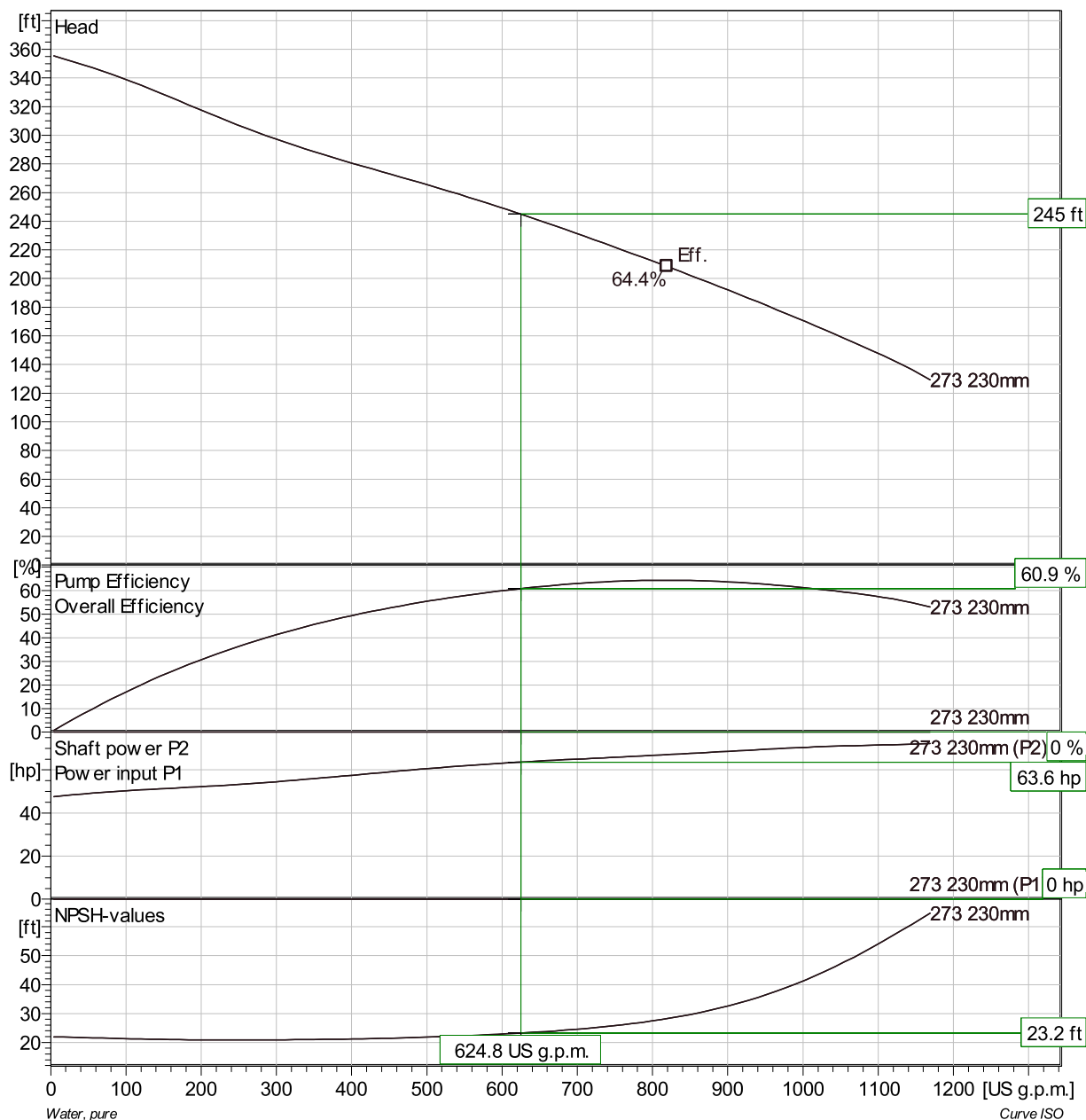
Pump

Discharge Flange Diameter 3 15/16 inch
Inlet diameter 150 mm
Impeller diameter 9 1/16"
Number of blades 2

Motor

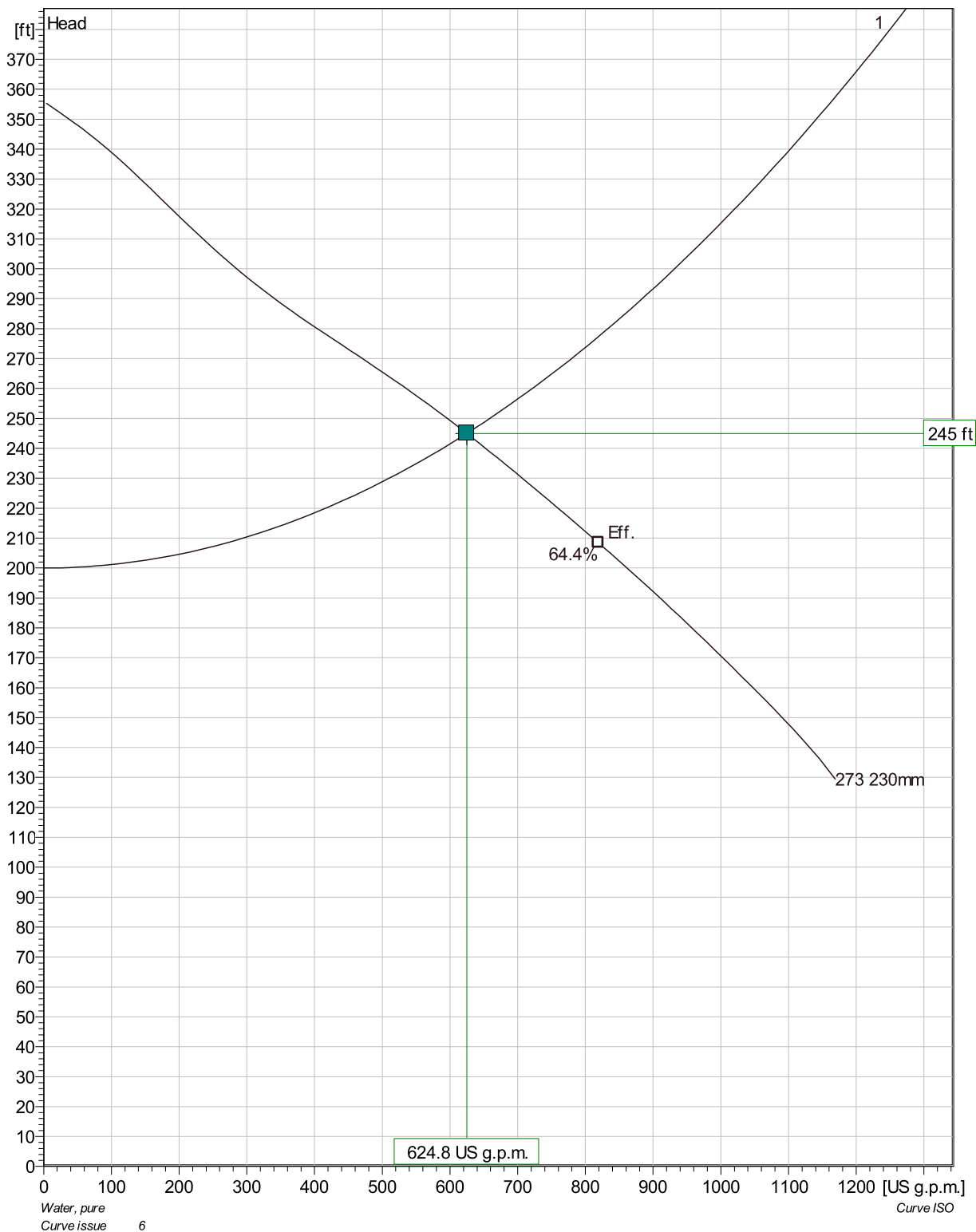
Motor #
Approval Standard
Stator variant
Frequency
Rated voltage
Number of poles
Phases
Rated power
Rated current
Starting current
Rated speed

Power factor
1/1 Load
3/4 Load
1/2 Load
Pump Efficiency
1/1 Load
3/4 Load
1/2 Load



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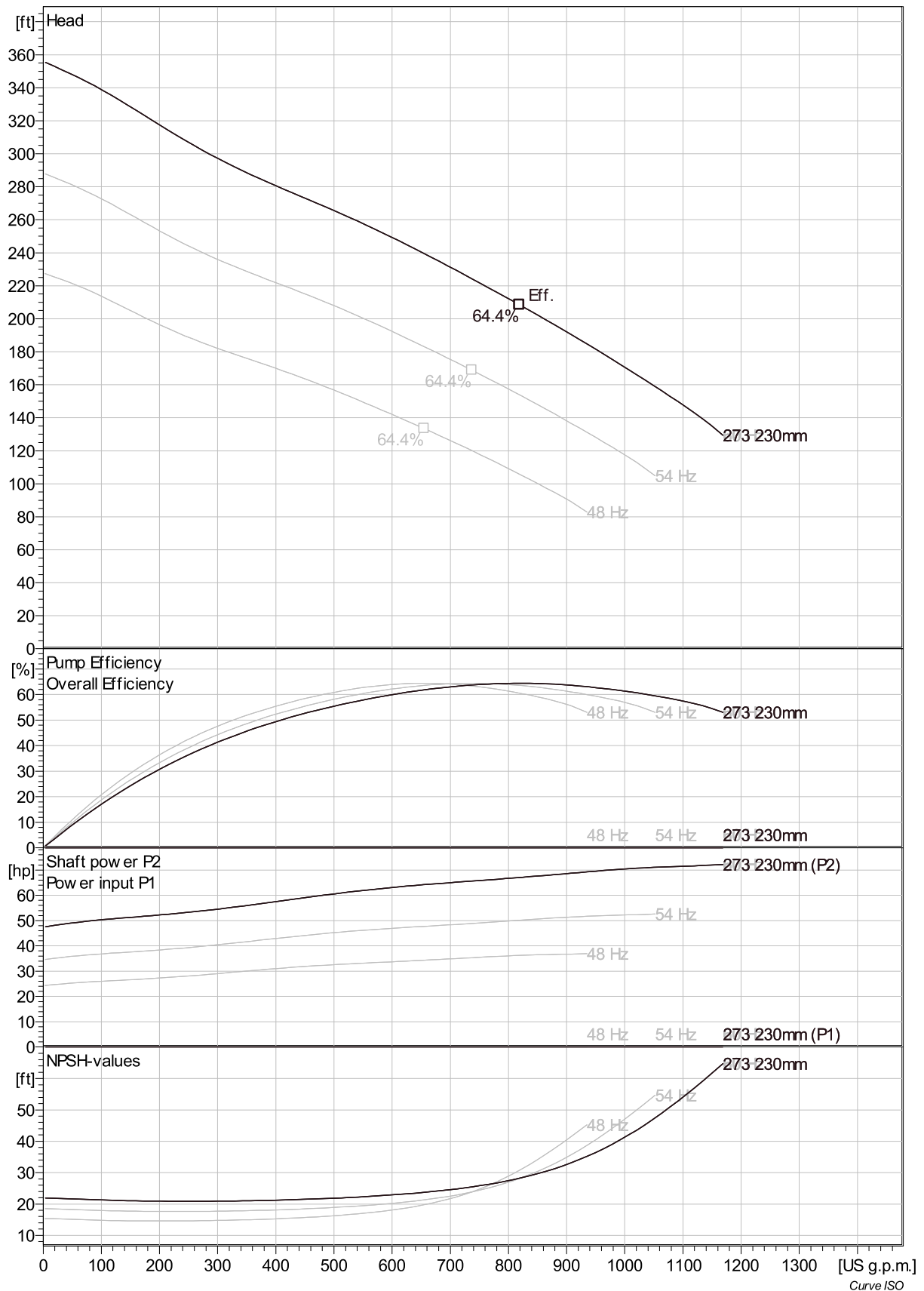
Duty Analysis



Pumps running /System	Individual pump			Total			Pump eff.	Specific energy	NPSHre
	Flow	Head	Shaft power	Flow	Head	Shaft power			
1	625 US g.p.m.	245 ft	63.6 hp	625 US g.p.m.	245 ft	63.6 hp	60.9 %		23.2 ft

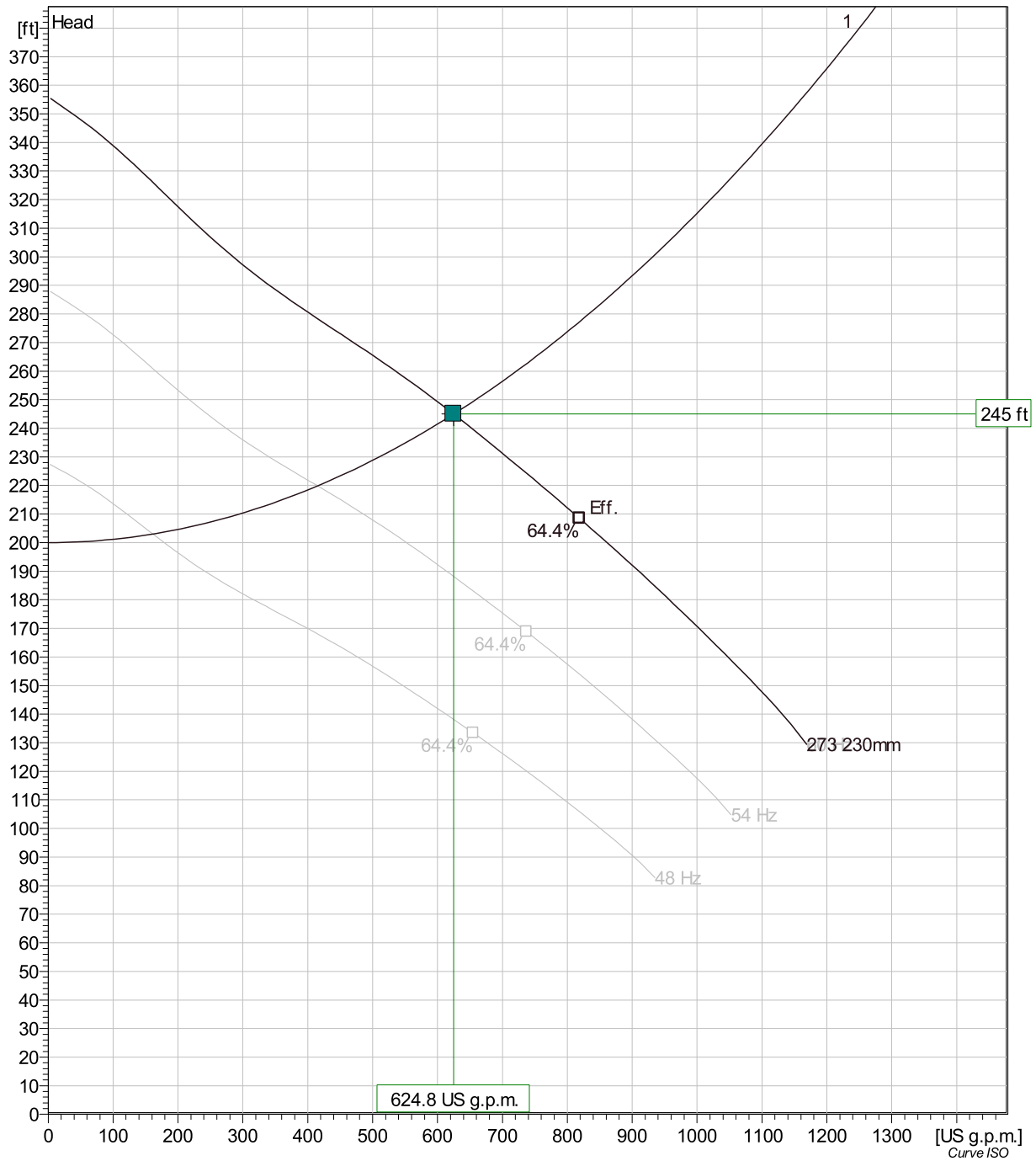
Project	Project ID	Created by	Created on 05/07/16	Last update
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NP 3202 SH 3~ 273 VFD Curve



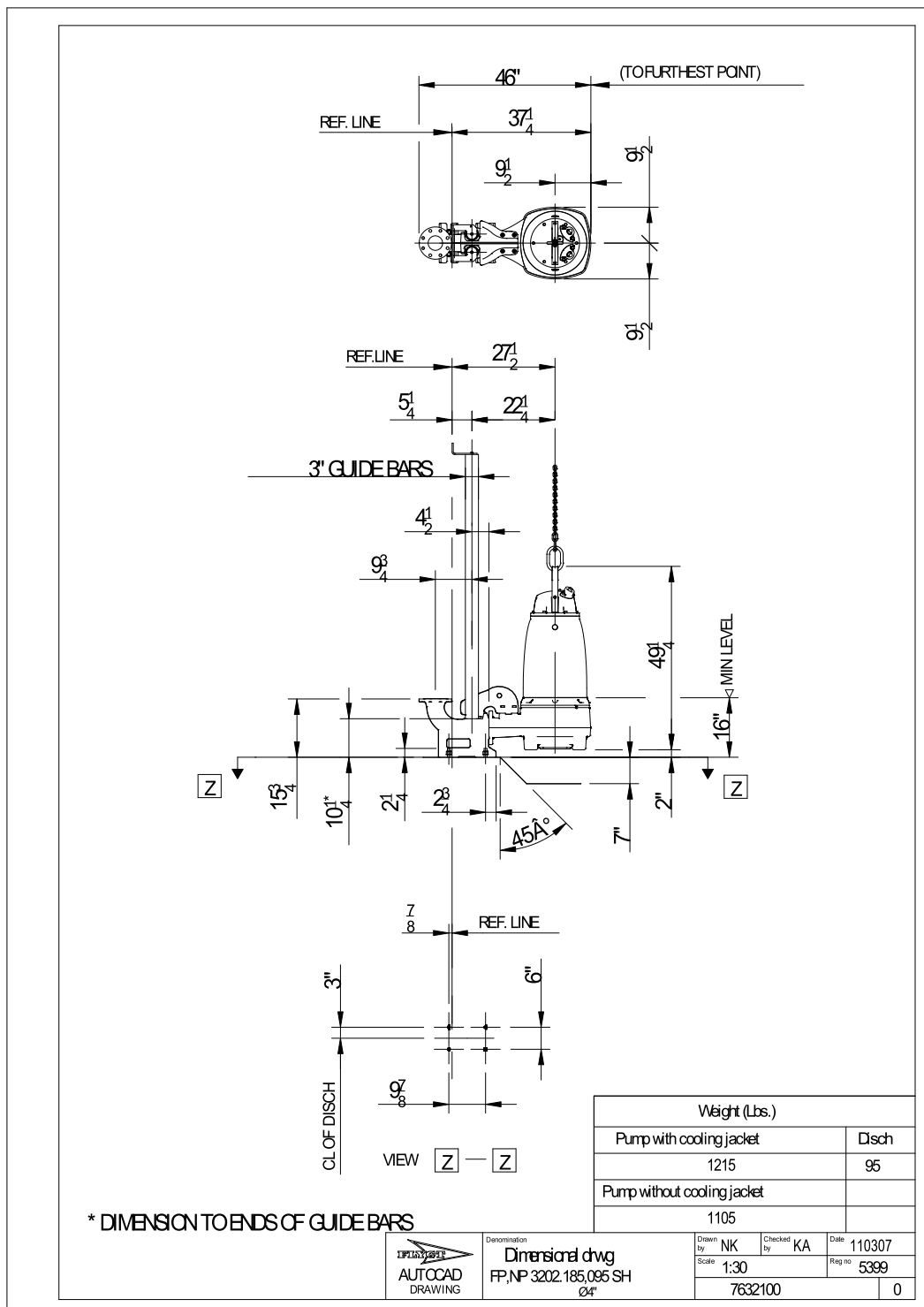
Project	Project ID	Created by	Created on 05/07/16	Last update
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NP 3202 SH 3~ 273 VFD Analysis



Pumps running /System	Frequency	Flow	Head	Shaft power	Flow	Head	Shaft power	Hyd eff.	Specific energy	NPSHre
1	60 Hz	625 US g.p.m.	245 ft	63.6 hp	625 US g.p.m.	245 ft	63.6 hp	60.9 %		23.2 ft
1	60 Hz	625 US g.p.m.	245 ft	63.6 hp	625 US g.p.m.	245 ft	63.6 hp	60.9 %		23.2 ft
1	60 Hz	625 US g.p.m.	245 ft	63.6 hp	625 US g.p.m.	245 ft	63.6 hp	60.9 %		23.2 ft
1	54 Hz	415 US g.p.m.	220 ft	43.3 hp	415 US g.p.m.	220 ft	43.3 hp	53.3 %		18.2 ft
1	48 Hz	161 US g.p.m.	203 ft	26.8 hp	161 US g.p.m.	203 ft	26.8 hp	30.9 %		14.6 ft

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