

Customer: World Energy Paramount
 Equipment Owner: Air Products Manufacturing LLC
 APCI No: EN207119-TEI-9V3-00024
 Order No: 4505499561
 Job No: A8KM
 Project Name: World Energy Renewables Project
 Item No: 18-P-360 A/B
 Item Name: Wash Water Circulation Pump
 Model: F98-417C4XM-0405T1V-A

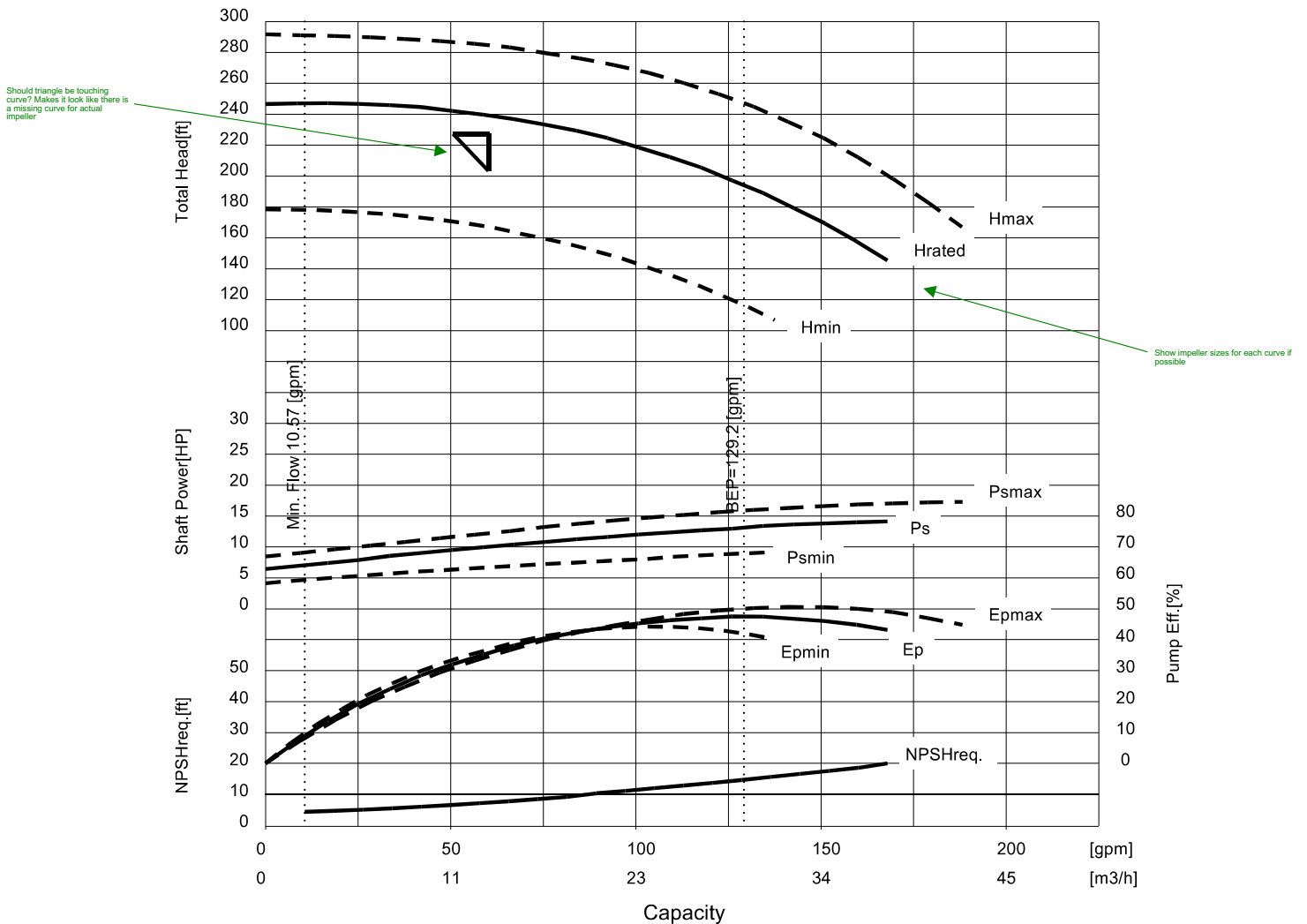


ESTIMATED PERFORMANCE CURVE

Date : Feb. 01. 2022
 No : U24P0052-00
 Dwg. No. : SFP-1521A

Item No. 18-P-360 A/B Item Name Wash Water Circulation Pump
 Model F98-417C4XM-0405T1V-A

Frequency	60	Hz	Total Head	226.8	ft			
Voltage	460	V	Capacity	60.2	gpm	13.67	m3/h	
Phase	3		Min.Flow	10.57	gpm	2.401	m3/h	
Pole	2		Liquid	Sour Water				
Output	20.1/15	HP/kW	Temp.	130	degF			
Current	30	A	S.G.	0.99		Vis.	0.53	cP
			NPSHavail.	438.5	ft	NPSHreq.	7.5	ft



Remarks :

- Shut-off head : 246ft
- 239ft, 35.8%, 10HP, 3527rpm @ rated flow
- 168gpm, 14.1HP @ EOC
- 17.38HP @ EOC (max. dia.)
- Ns : 705.7, SSS : 5457
- Impeller Dia(mm):208(Max)/ 192(Rated)/ 166(Min)
- Impeller Dia(in.):8.18(Max)/ 7.56(Rated)/ 6.54(Min)
- See Po Data Sheet of Expected Info.A8KM-18-89-540073-A PER
- Proposal Curve U24P0052-00

B	Feb.2.2022	Revised(K.Nakazumi)
REV.	Date	Description

APPROVED BY	CHECKED BY	DRAWN BY
<i>Kakashi</i>	<i>M. Mori</i>	K.Nakazumi

TEIKOKU ELECTRIC MFG. CO., LTD.

UNIS Version 3.6.3
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