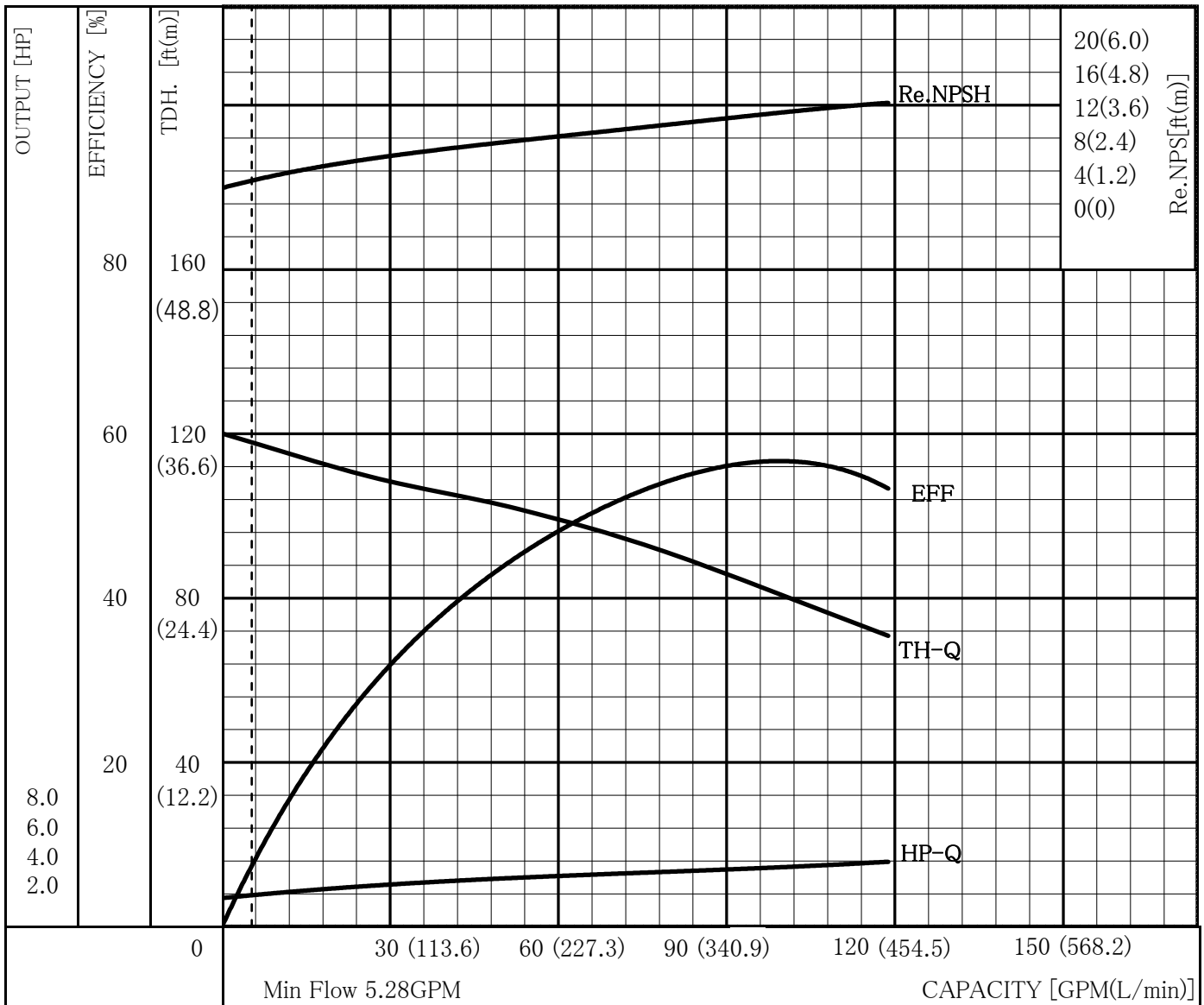


# Expected Performance Curvers

DATE	2024/9/2
APPROVED BY	K.MIYAJIMA
TESTED BY	T.YOSHIDA

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-4005GS		Ambient	184TC	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
2.0" × 1-1/2"	5.47 inch	1.3	2 P	5 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
118.8 GPM	120.1 ft	67.7 PSI	60 Hz	3500 min <sup>-1</sup>

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	120.1	0	0	1.31	1.75
2	26.4	109.6	0.544	29.1	1.87	2.49
3	52.8	101.7	1.011	45.1	2.24	2.99
4	79.2	91.2	1.359	54.2	2.51	3.35
5	118.8	70.9	1.584	53.3	2.97	3.96



This performance test is based on JIS B 8301,8302. The specific gravity of test liquid is 1.0, and the liquid is ambient temperature.