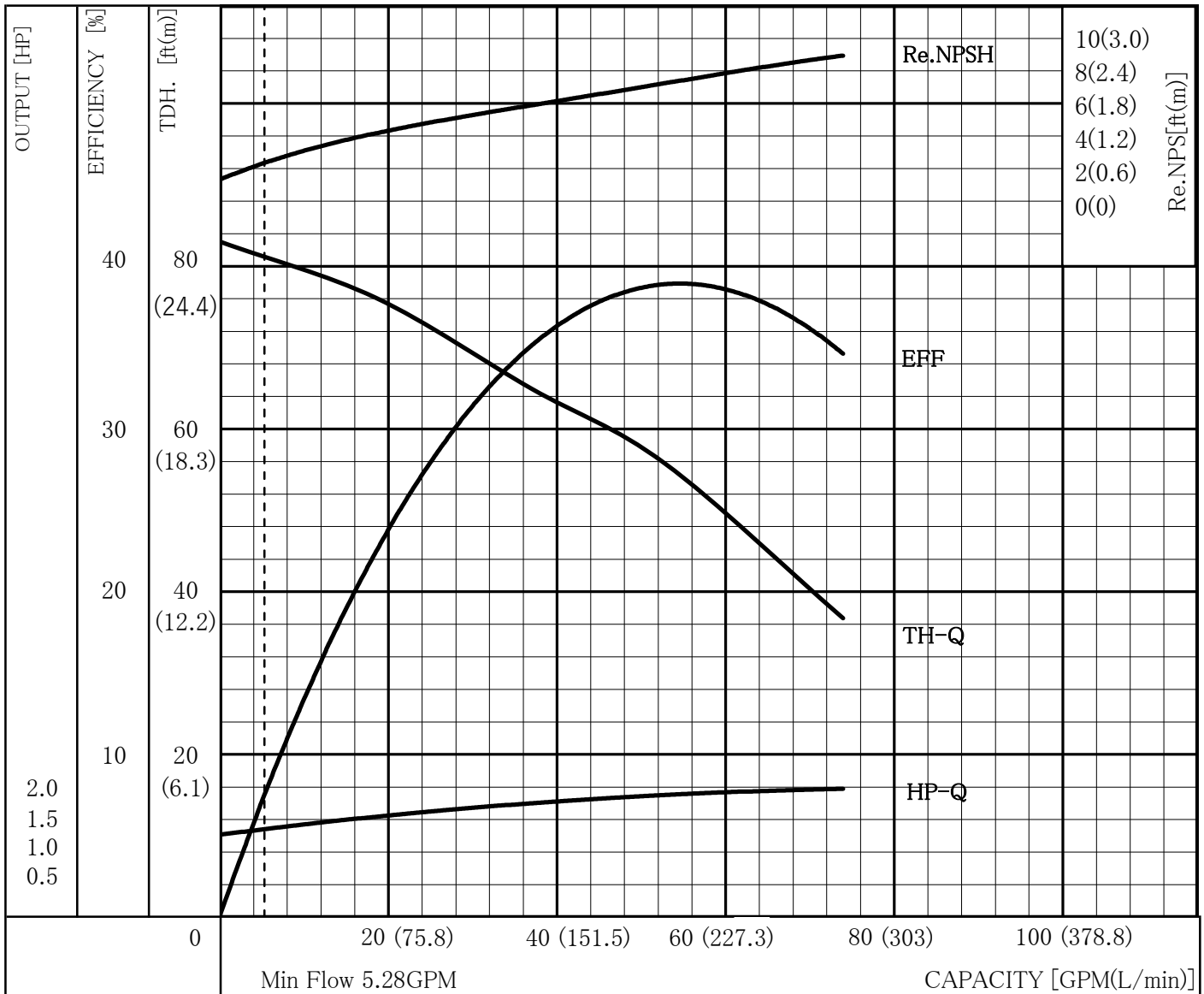


# Expected Performance Curvers

DATE	2024/9/18
APPROVED BY	T.YOSHIDA
TESTED BY	HAI DANG

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-4003GV3		Ambient	56C	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
1-1/2" × 1-1/2"	5.08 × 4.53 inch	1.4	2 P	3 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
73.9 GPM	83.0 ft	50.4 PSI	60 Hz	3505 min <sup>-1</sup>

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	83.0	0	0	0.95	1.27
2	18.5	76.1	0.265	22.8	1.16	1.55
3	37	65.0	0.452	34.5	1.31	1.75
4	52.8	55.8	0.554	39.3	1.41	1.88
5	73.9	36.7	0.511	34.5	1.48	1.97



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.