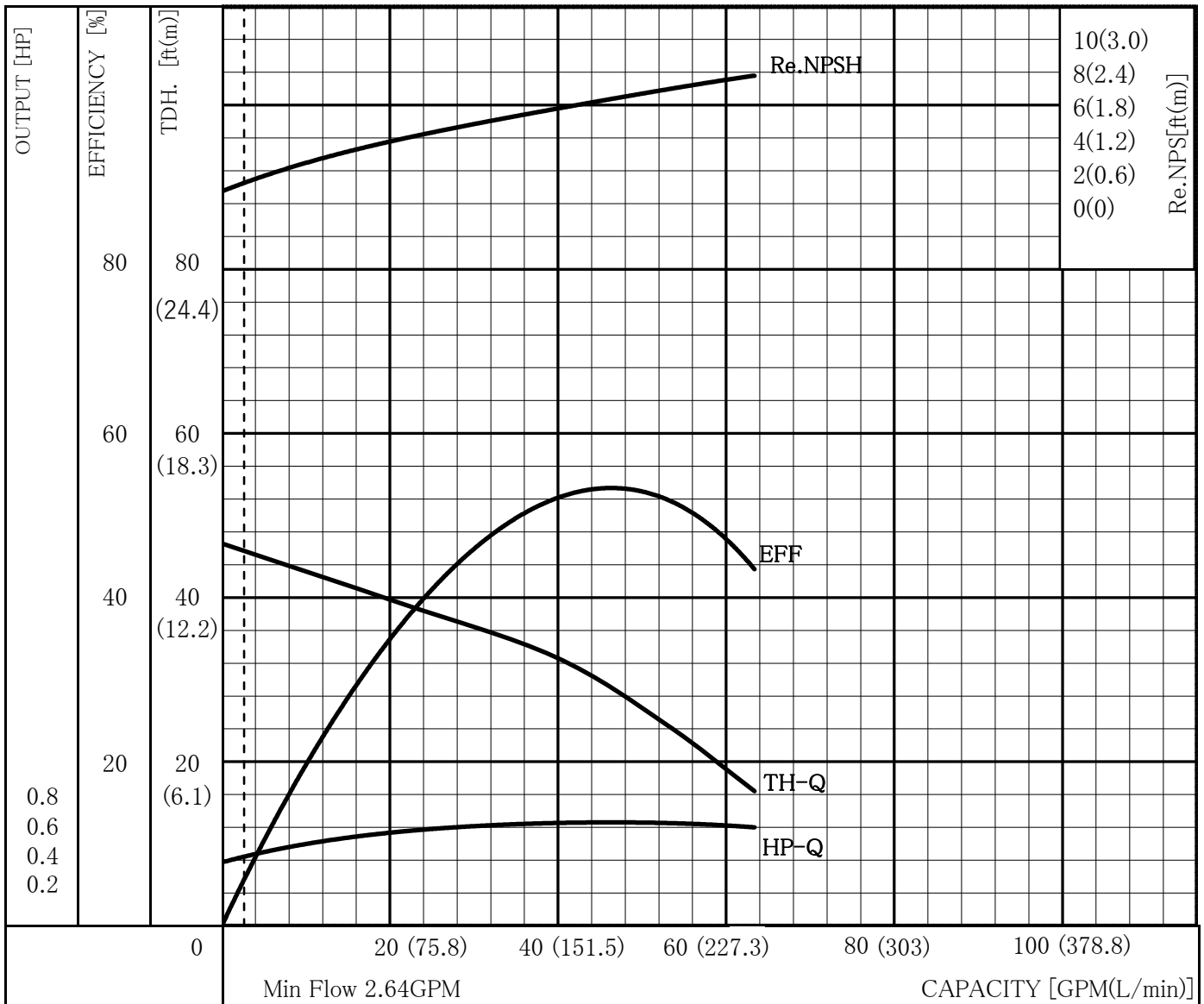


# Expected Performance Curvers

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

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-4001GS		Ambient	56C	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
1-1/2" × 1-1/2"	3.58 inch	1.5	2 P	1 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
63.4 GPM	46.6 ft	30.3 PSI	60 Hz	3435 min <sup>-1</sup>

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	46.6	0	0	0.29	0.39
2	21.1	39.4	0.156	36.4	0.43	0.57
3	39.6	32.8	0.245	52.0	0.47	0.63
4	52.8	24.6	0.245	52.0	0.47	0.63
5	63.4	16.4	0.196	43.5	0.45	0.60



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.