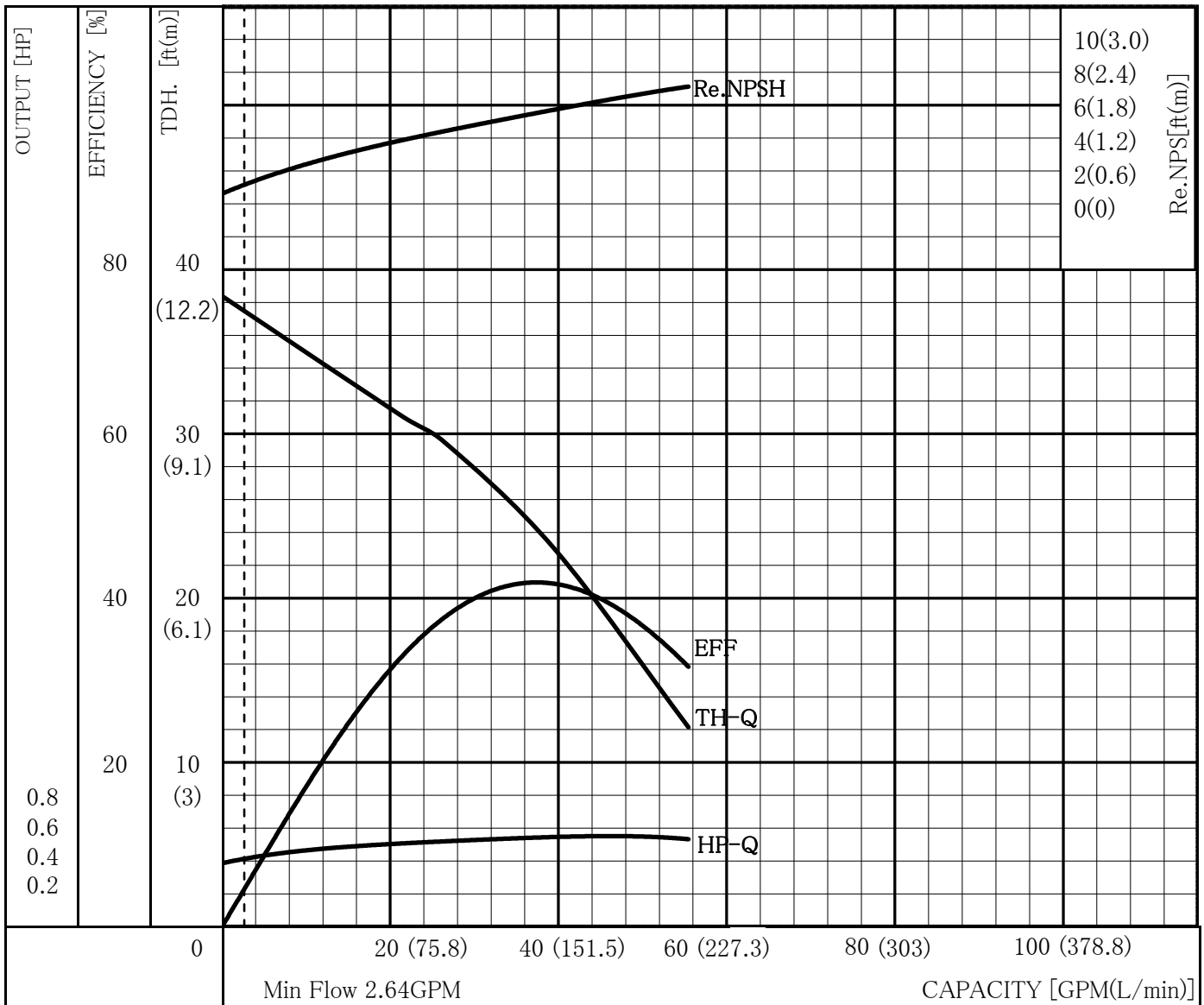


# Expected Performance Curvers

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

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-4001GSF		Ambient	56C	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
1-1/2" × 1-1/2"	3.23 inch	1.9	2 P	1 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
55.4 GPM	38.4 ft	31.6 PSI	60 Hz	3435 min <sup>-1</sup>

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	38.4	0	0	0.29	0.39
2	21.1	31.2	0.124	32.6	0.38	0.51
3	26.4	29.5	0.147	37.6	0.39	0.52
4	39.6	23.0	0.171	41.7	0.41	0.55
5	55.4	12.1	0.127	31.7	0.40	0.53



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.