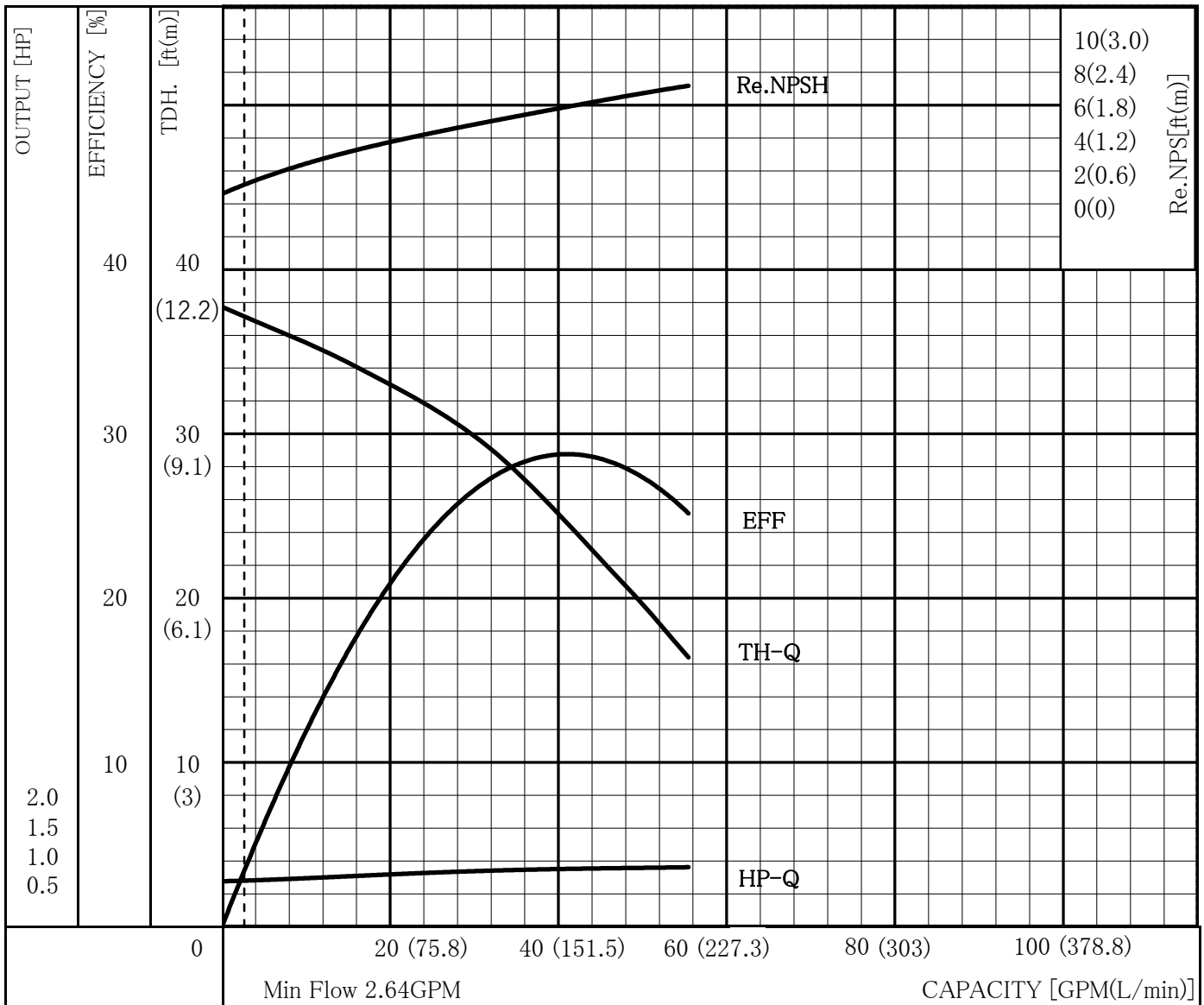


# Expected Performance Curvers

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

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-4001AVK		Ambient	56C	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
2.0" × 1-1/2"	3.7 inch	1.1	2 P	1 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
55.4 GPM	37.7 ft	18 PSI	60 Hz	3450 min <sup>-1</sup>

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	37.7	0	0	0.52	0.69
2	15.8	34.1	0.102	17.5	0.58	0.77
3	31.7	29.2	0.174	27.2	0.64	0.85
4	47.5	21.0	0.188	28.0	0.67	0.89
5	55.4	16.4	0.171	25.2	0.68	0.91



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.