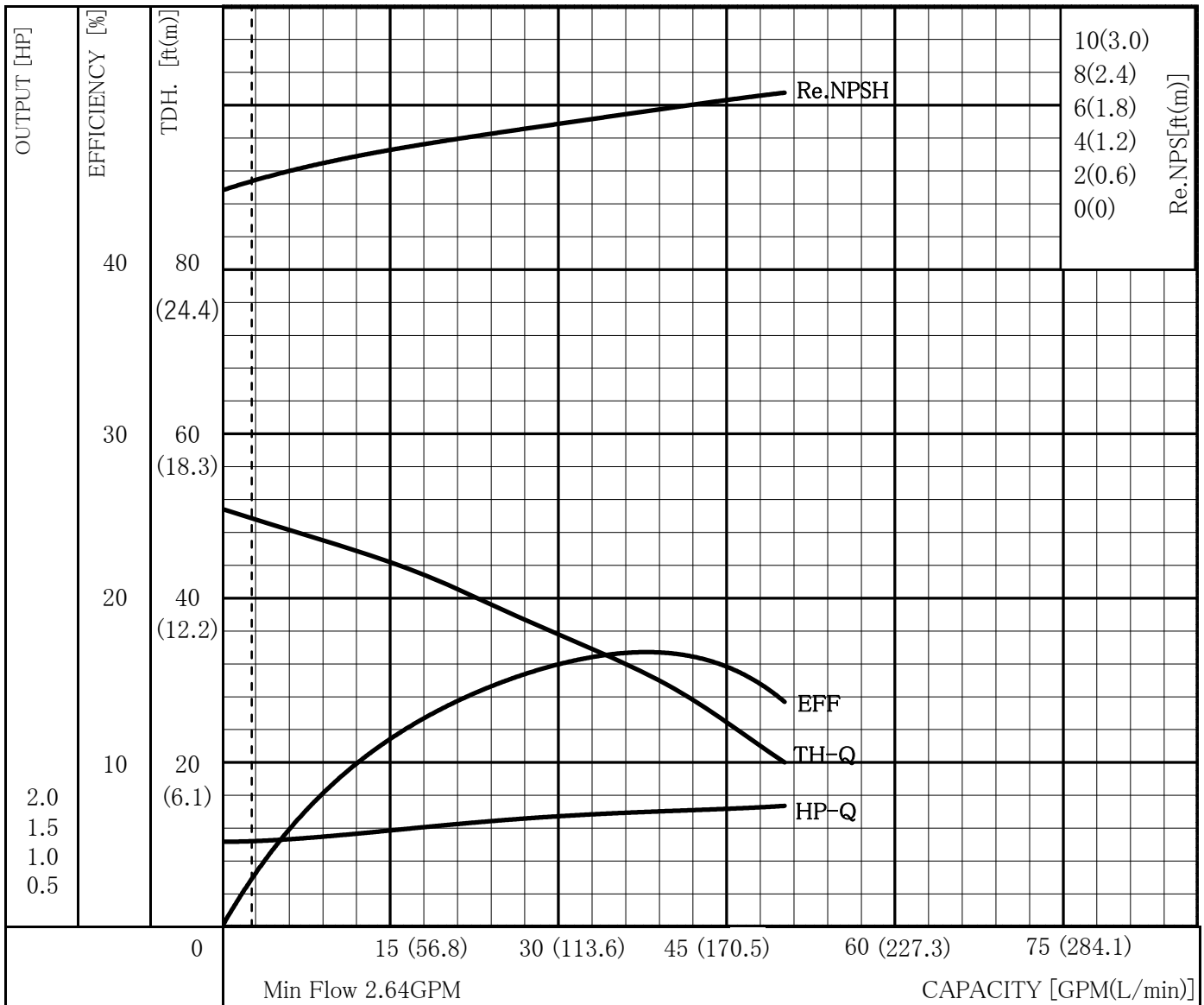


# Expected Performance Curvers

DATE	2024/8/19
APPROVED BY	T.YOSHIDA
TESTED BY	H.SHINOHARA

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-4002NSF		Ambient	145TC	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
1-1/2" × 1-1/2"	3.9 inch	1.05	2 P	2 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
50.2 GPM	50.9 ft	23.1 PSI	60 Hz	3460 min <sup>-1</sup>

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	50.9	0	0	0.97	1.29
2	15.8	44.0	0.131	11.8	1.11	1.48
3	26.4	37.7	0.187	15.2	1.23	1.64
4	39.6	29.5	0.220	16.7	1.32	1.76
5	50.2	20.0	0.189	13.7	1.38	1.84



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.