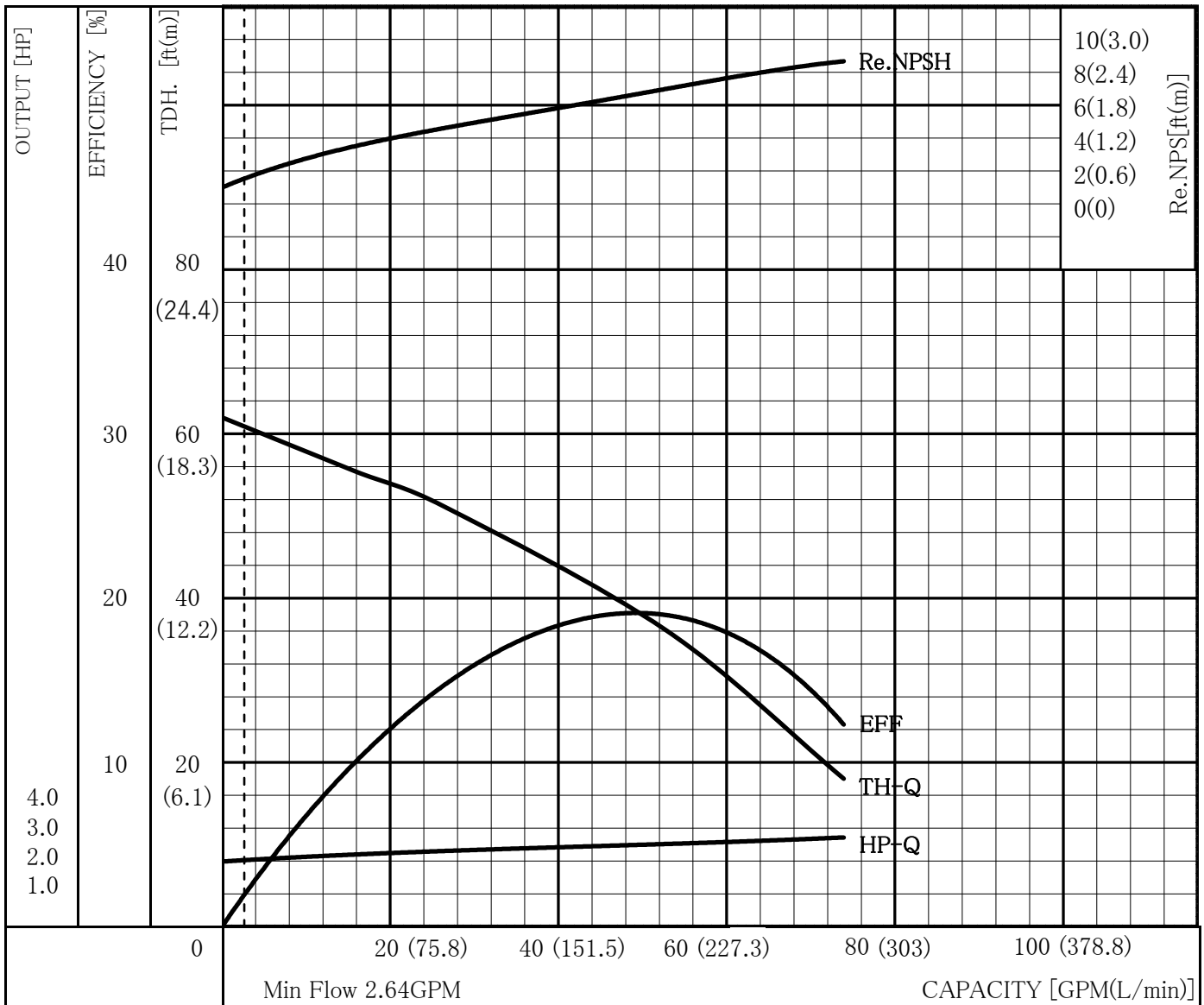


Expected Performance Curvers

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

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-5003NSF		Ambient	182TC	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
2.0" × 2.0"	4.45 inch	1.05	2 P	3 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
73.9 GPM	62.0 ft	28.2 PSI	60 Hz	3445 min ⁻¹

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	62.0	0	0	1.49	1.99
2	15.8	55.4	0.165	10.0	1.65	2.20
3	26.4	51.2	0.254	14.7	1.73	2.31
4	52.8	36.1	0.359	19.0	1.89	2.52
5	73.9	18.0	0.251	12.3	2.04	2.72



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.