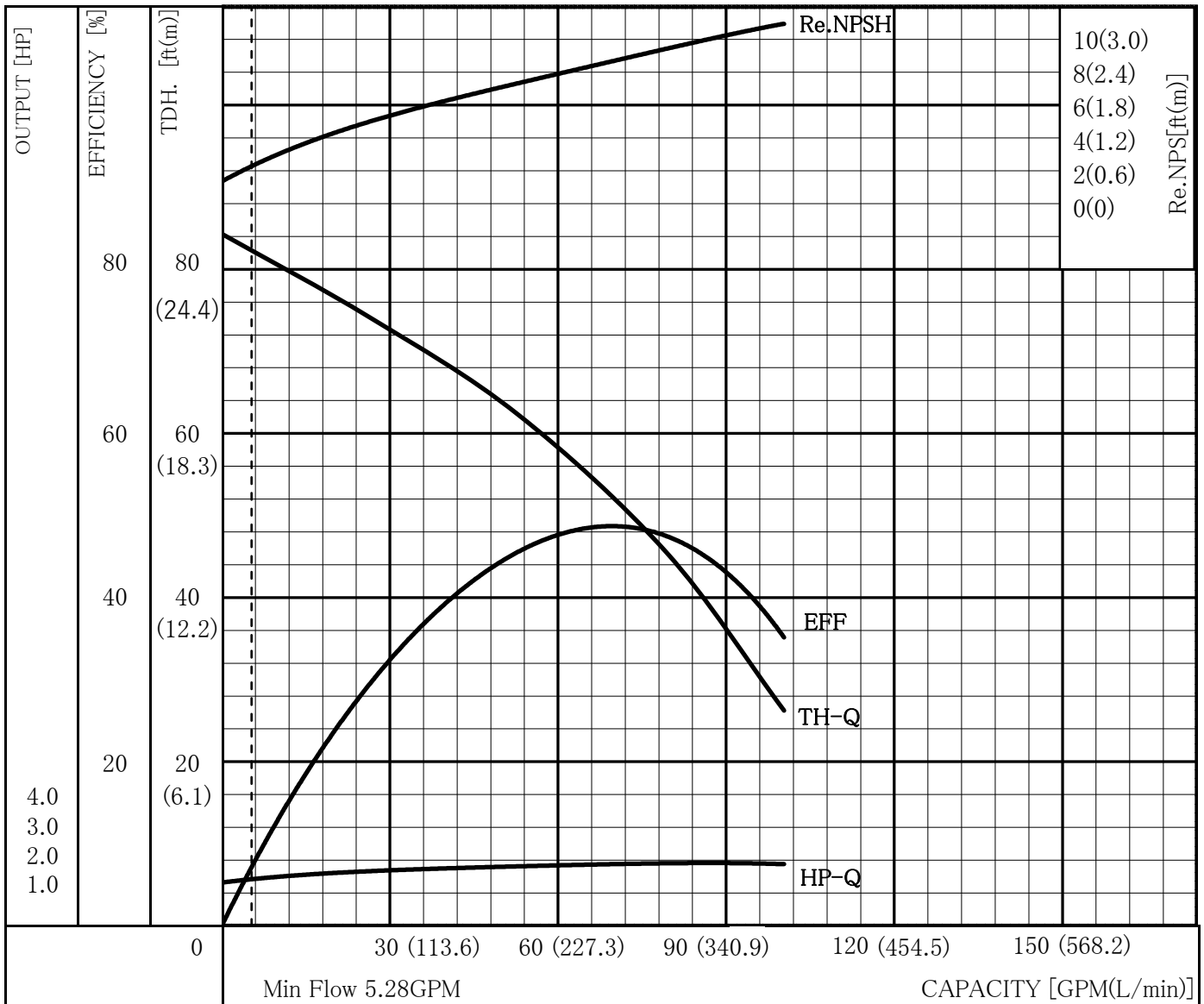


# Expected Performance Curvers

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

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-4002GS		Ambient	56C	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
2.0" × 1-1/2"	4.65 inch	1.1	2 P	2 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
100.3 GPM	84.3 ft	40.2 PSI	60 Hz	3520 min <sup>-1</sup>

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	84.3	0	0	0.99	1.32
2	26.4	74.1	0.368	29.5	1.25	1.67
3	52.8	62.3	0.619	45.5	1.36	1.81
4	79.2	45.6	0.680	47.5	1.43	1.91
5	100.3	26.2	0.496	35.1	1.41	1.88



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.