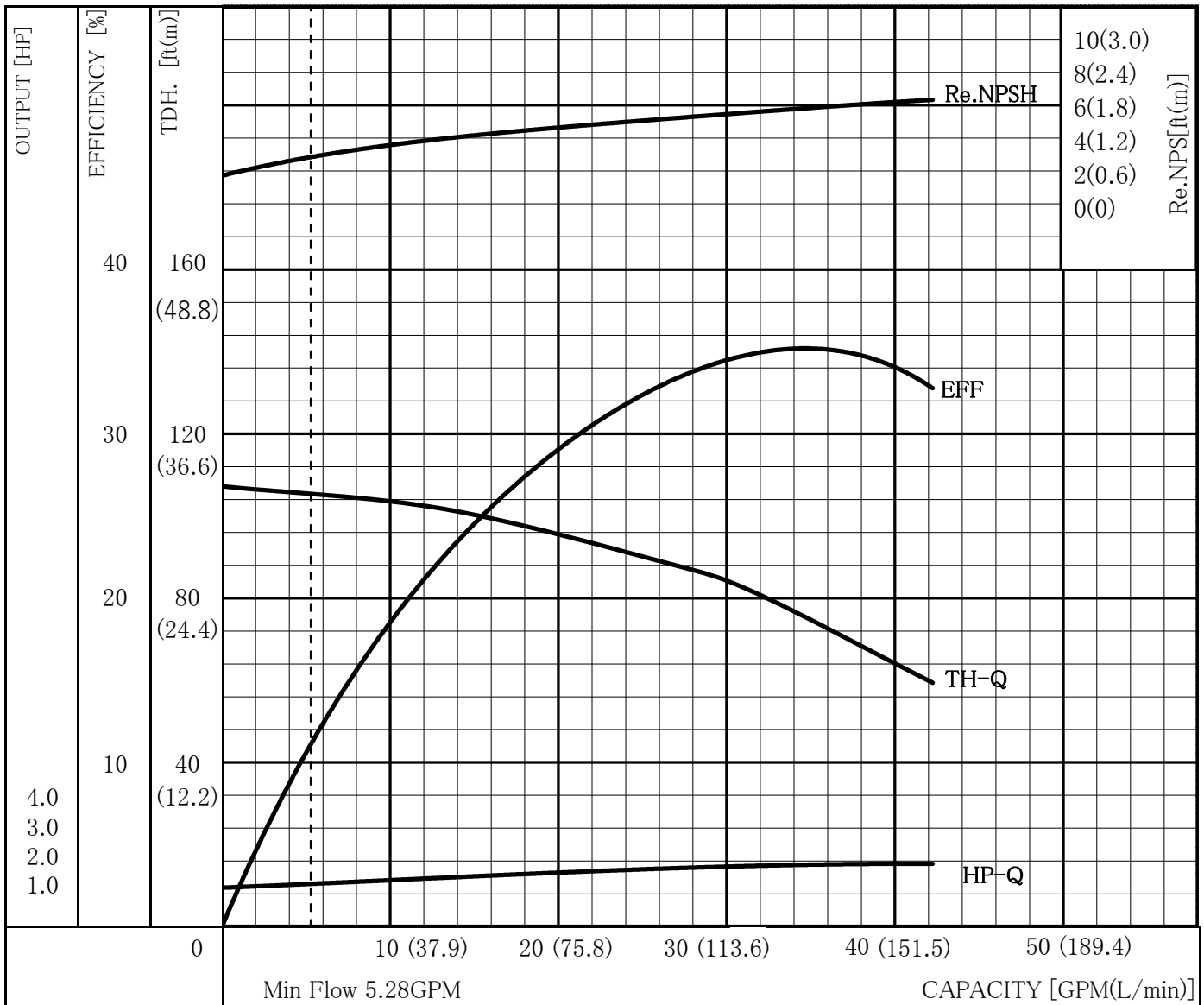


Expected Performance Curvers

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

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-2503GS		Ambient	56C	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
1.0" × 1.0"	5.39 inch	1.5	2 P	3 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
42.2 GPM	107.3 ft	69.8 PSI	60 Hz	3505 min ⁻¹

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	107.3	0	0	0.89	1.19
2	13.2	101.7	0.253	22.6	1.12	1.49
3	26.4	88.6	0.440	33.1	1.33	1.77
4	31.7	81.4	0.485	34.9	1.39	1.85
5	42.2	59.4	0.472	32.8	1.44	1.92



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.