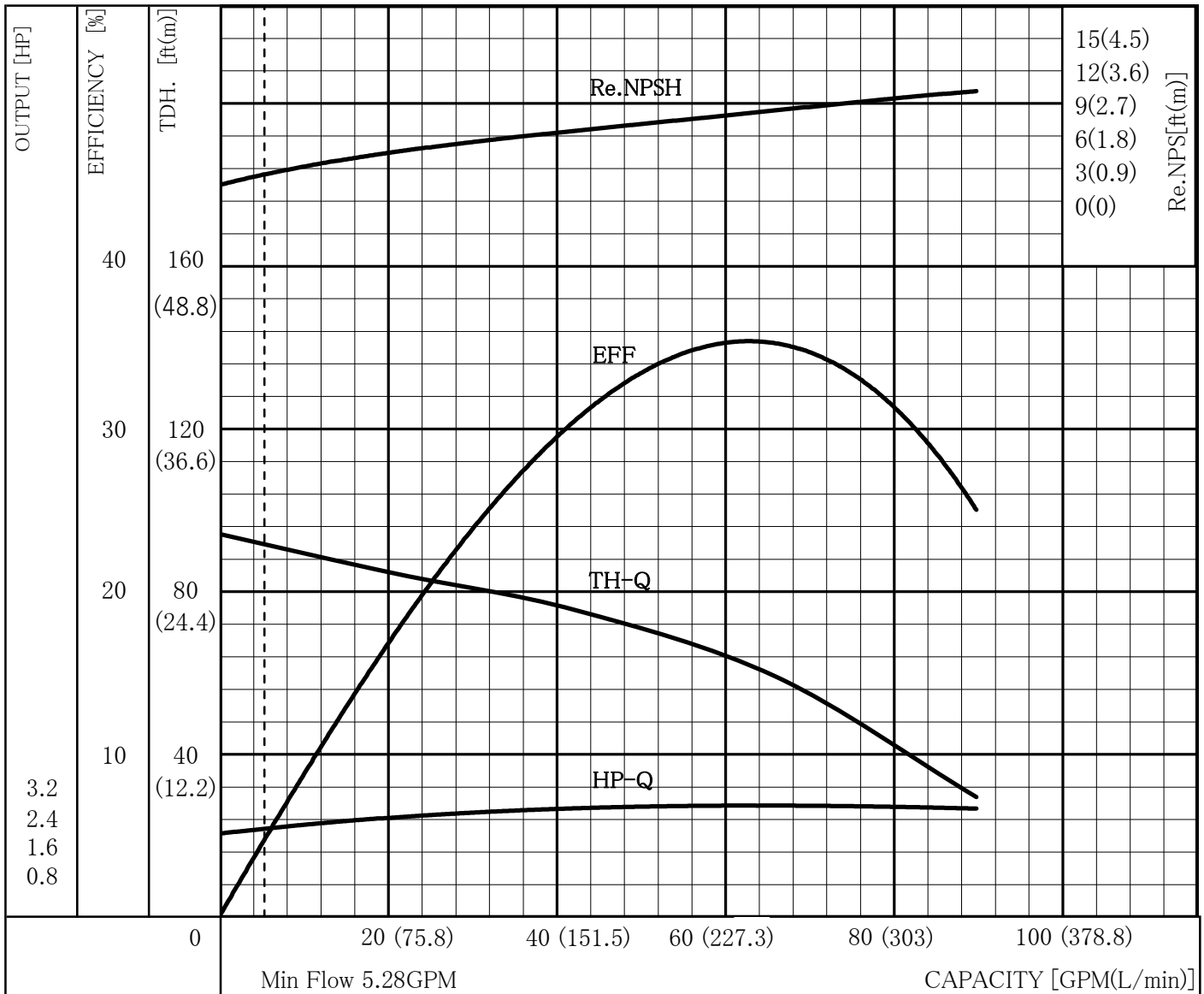


# Expected Performance Curvers

DATE	2024/9/18
APPROVED BY	T.YOSHIDA
TESTED BY	HAI DANG

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-5003GV3		Ambient	56C	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
2.0" × 2.0"	5.24 × 4.61 inch	1.1	2 P	3 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
89.8 GPM	94.2 ft	44.9 PSI	60 Hz	3505 min <sup>-1</sup>

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	94.2	0	0	1.54	2.05
2	21.1	84.3	0.335	18.1	1.85	2.47
3	42.2	75.5	0.600	30.0	2.00	2.67
4	66	59.1	0.734	35.6	2.06	2.75
5	89.8	29.5	0.499	24.9	2.00	2.67



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.