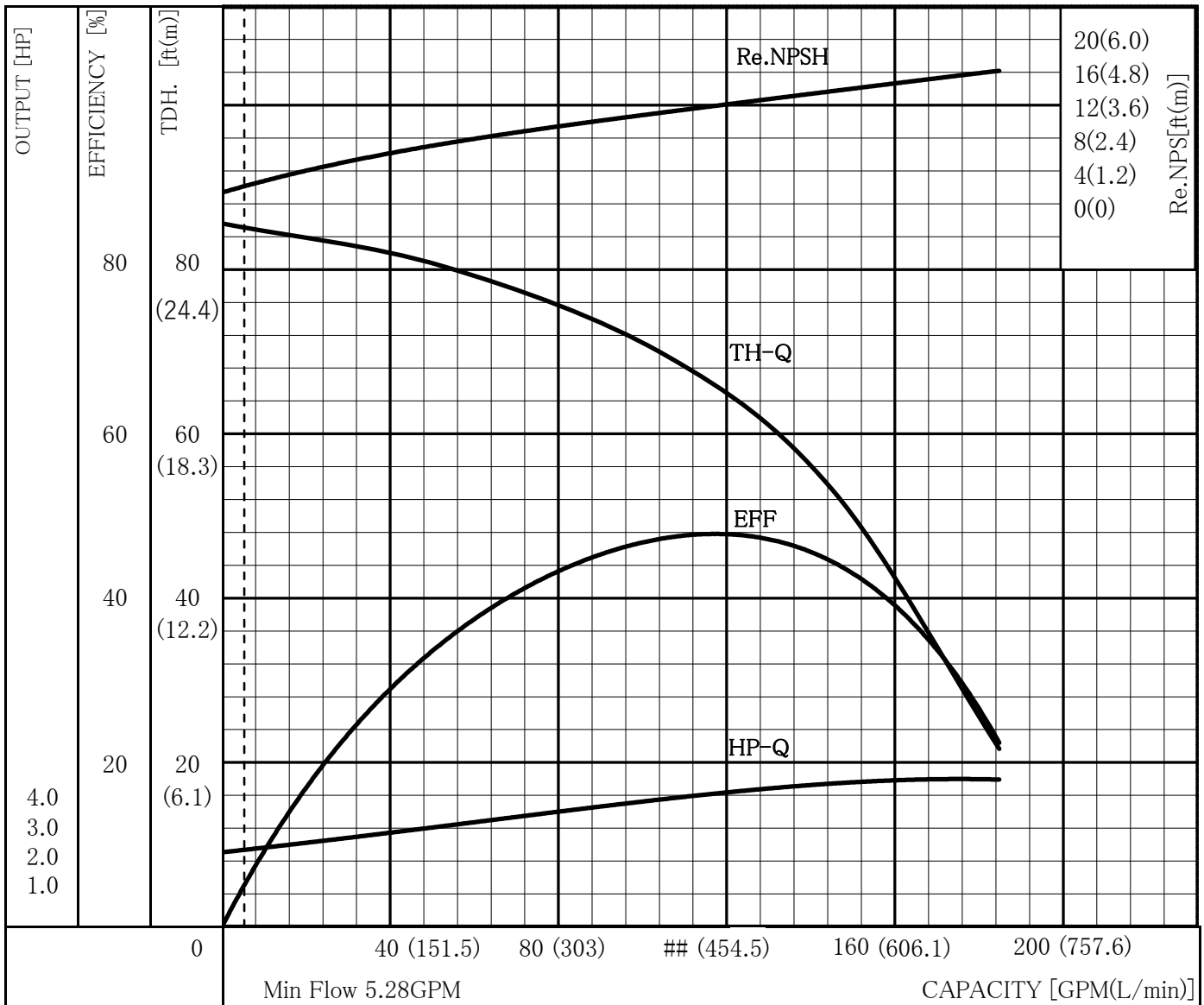


Expected Performance Curvers

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

PUMP			MOTOR	
Pump Model		Liquid Temperature	Motor Frame	Phase
YD-5005AVK		Ambient	184TC	3
Suction × Discharge	Impeller Dia.	S.G.	Pole	Power
2-1/2" × 2.0"	4.88 inch	1.1	2 P	5 HP
Max Capacity	Max TDH	Max Pressure	Frequency	Speed
184.8 GPM	85.6 ft	40.8 PSI	60 Hz	3450 min ⁻¹

No.	CAPACITY	TDH.	WATER POWER	EFFICIENCY	OUTPUT	
	GPM	ft	kW	%	kW	HP
1	0	85.6	0	0	1.70	2.27
2	52.8	80.4	0.799	34.7	2.30	3.07
3	105.6	69.6	1.382	47.3	2.92	3.89
4	145.2	53.1	1.452	44.4	3.27	4.36
5	184.8	21.7	0.753	22.4	3.36	4.48



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.