



Test Report

Product

Serial no 3127.920	2120007	Performance curve No. 63-438-3704	Motor module/type 133	Voltage (V) 208
Base module 004	Impeller No 798 64 20	Impeller module 238	Motorcode H21-12-4AS	Imp.diam/Blade angle 200
				Water temperature (°C) 24.0

Test Results

(Measuring values are test speed corrected, using the affinity laws, to nominal speed at 60.0 Hz.)

Pump total head H (ft)	Volume rate of flow Q (USGPM)	Motor input power P (kW)	Voltage U (V)	Current I (A)	Overall Efficiency η (%)
60.57	187.51	5.59	205.3	17.2	38.3
54.19	319.04	6.09	205.4	18.4	53.5
47.92	473.33	6.64	205.6	19.9	64.5
41.87	628.90	7.36	205.9	21.9	67.5
34.77	791.61	7.94	205.7	23.5	65.4
27.81	952.51	8.33	205.4	24.6	60.0
21.08	1107.16	8.46	205.4	25.0	52.0

Duty Points, Required (Measured H and Q)					Duty Points, Evaluated Constructed				Approved
H (ft)	Q (USGPM)	P (kW)	E (%)	Tolerance	H (ft)	Q (USGPM)	P (kW)	E (%)	Result
53 (54.51)	312 (346.19)			HI GRADE 2U	54.19	319.03			OK
Accepted after H.I. 11.6:2017 GRADE 2U	Test facility Emmaboda, Sweden	LC1	Test date 2021-03-02	Time 19:48	Chief tester 5307 5307				

ORDER 466061 POS 1

Plotted Test Results Measured point: + = Q/H
X = Q/P

Calculated point: $\diamond$ = Q/ETA overall

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