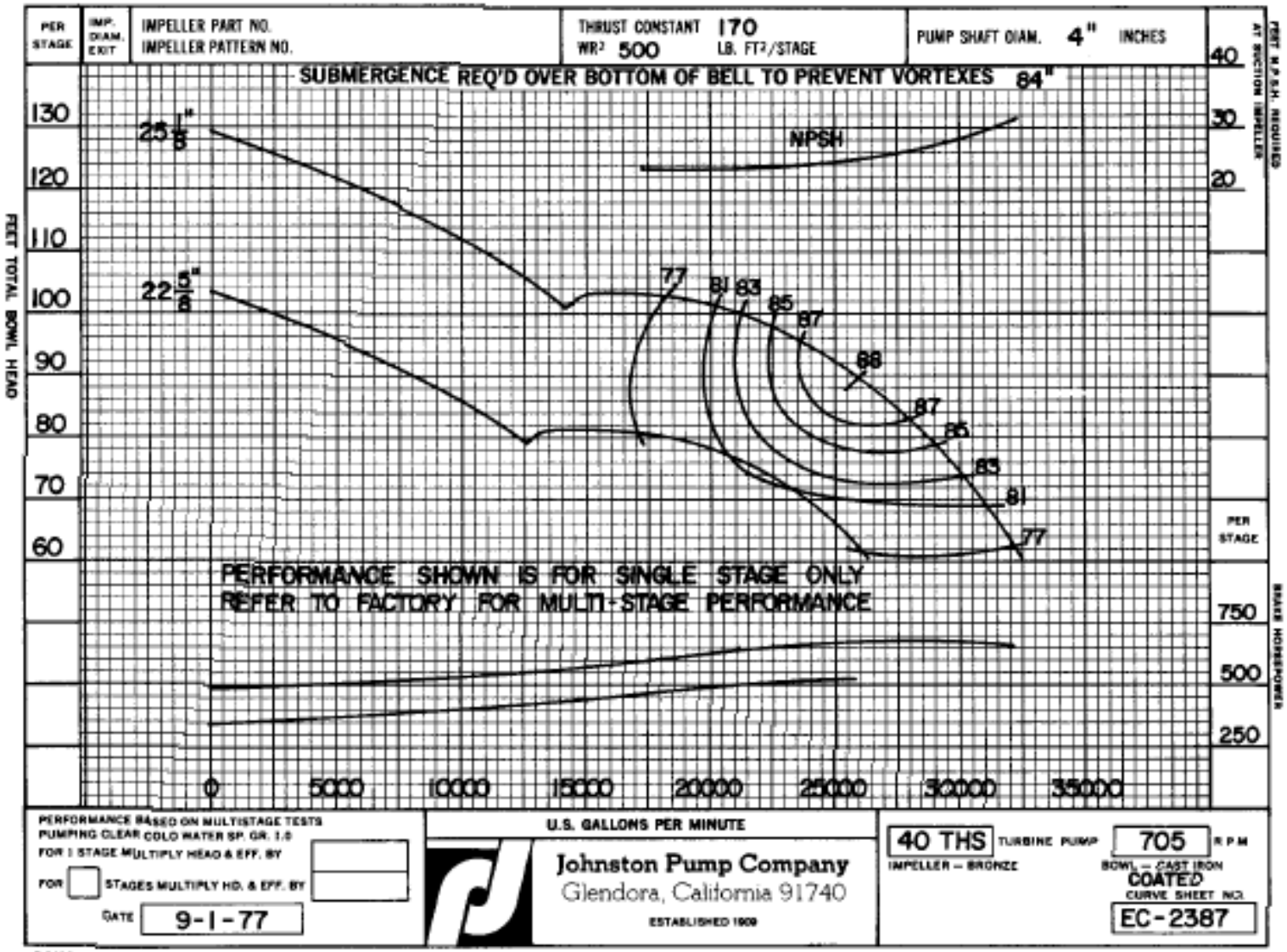
PER STAGE
IMP. DIAM. EXIT
IMPELLER PART NO.
IMPELLER PATTERN NO.
THRUST CONSTANT 170
WR² 500 LB. FT²/STAGE
PUMP SHAFT DIAM. 4" INCHES
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 84"
25 1/8"
22 5/8"
NPSH
77
81
83
85
87
88
87
85
83
81
77
PERFORMANCE SHOWN IS FOR SINGLE STAGE ONLY
REFER TO FACTORY FOR MULTI-STAGE PERFORMANCE
FEET TOTAL BOWL HEAD
130
120
110
100
90
80
70
60
0
5000
10000
15000
20000
25000
30000
35000
U.S. GALLONS PER MINUTE
FEET N.P.S.H. REQUIRED AT SUCTION IMPELLER
40
30
20
PER STAGE
BRAKE HORSEPOWER
750
500
250
PERFORMANCE BASED ON MULTISTAGE TESTS PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY
FOR STAGES MULTIPLY HD. & EFF. BY
DATE 9-1-77
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
40 THS TURBINE PUMP
IMPELLER – BRONZE
705 R.P.M.
BOWL – CAST IRON COATED
CURVE SHEET NO.
EC-2387
JP-341A