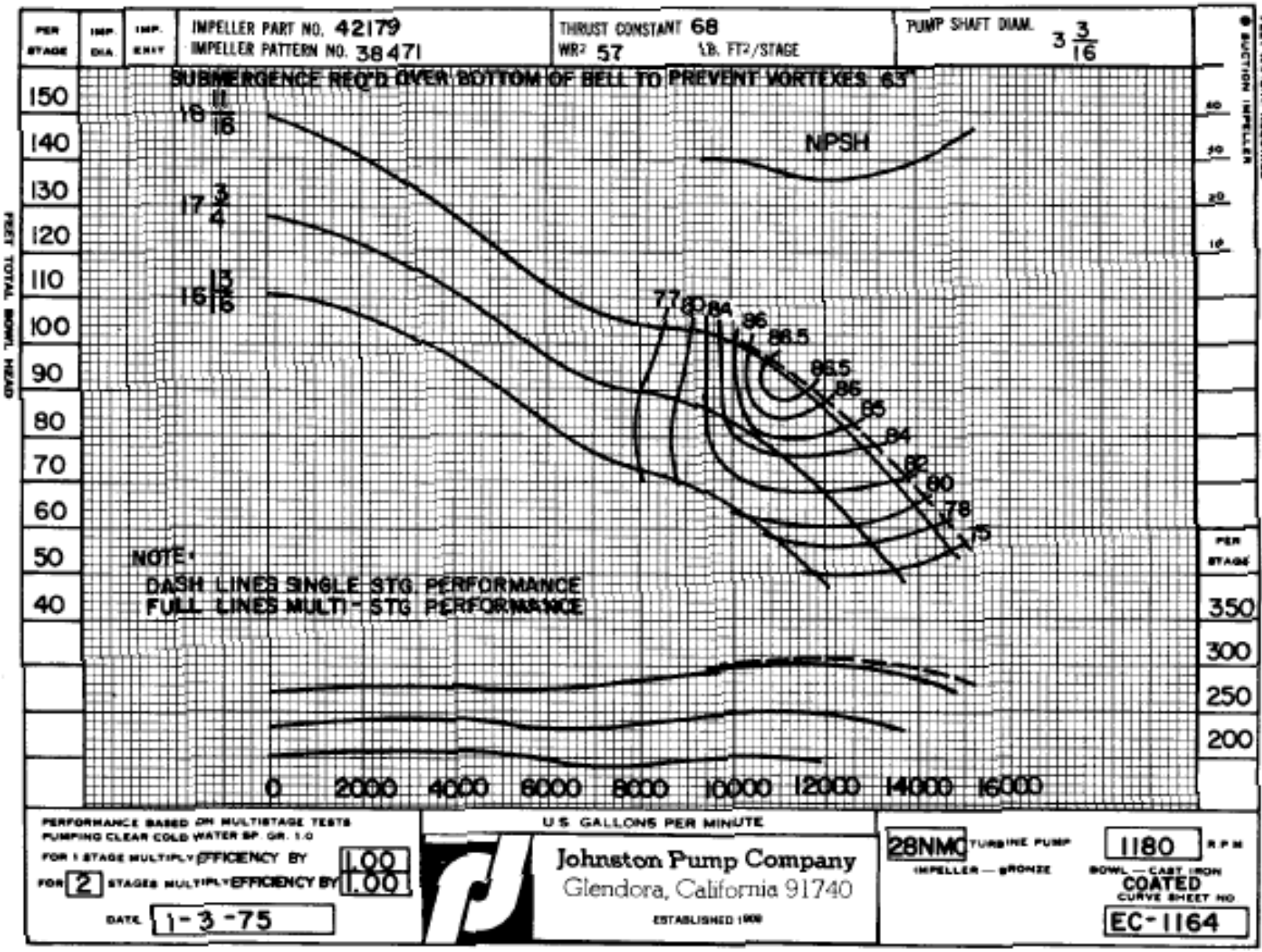
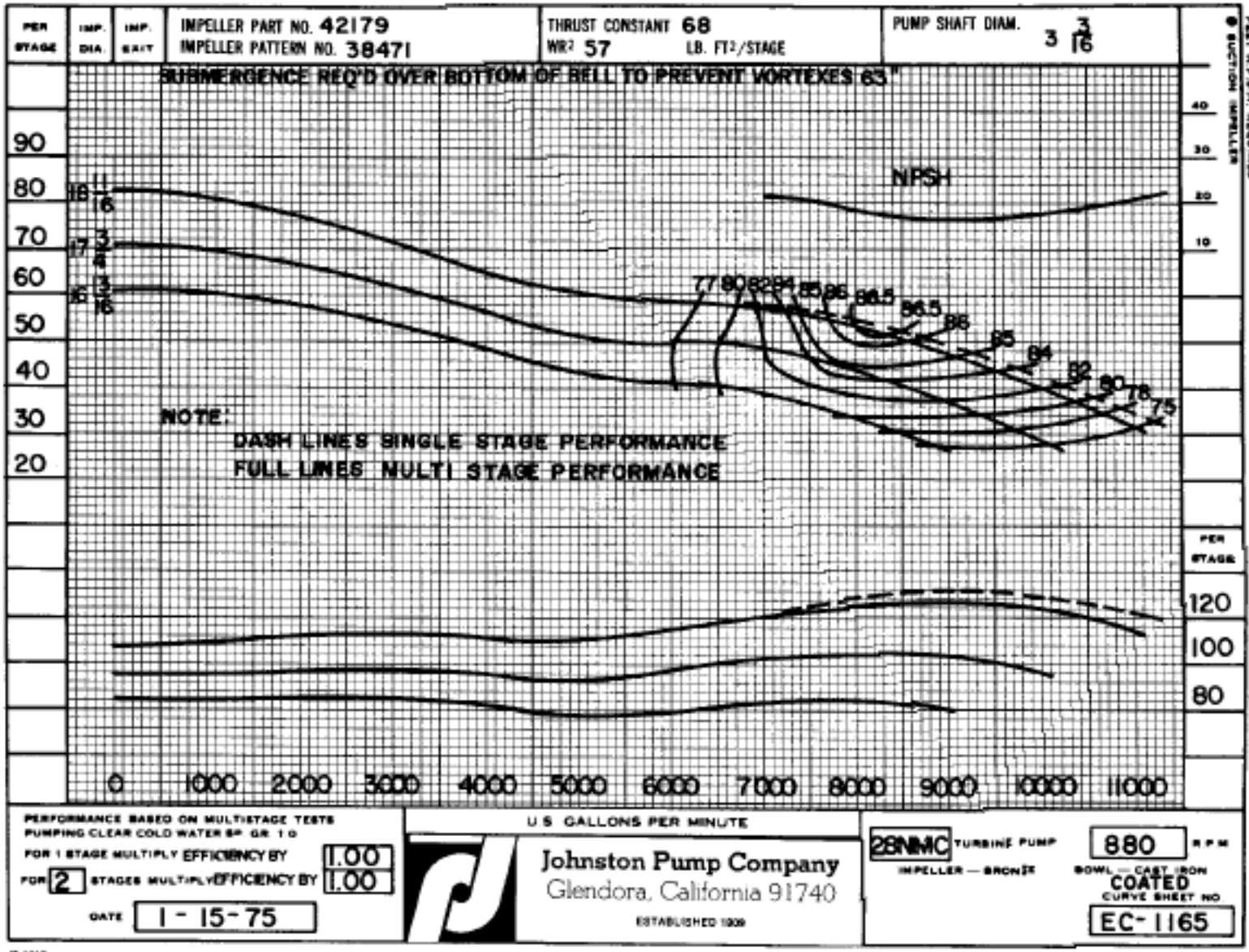

PER STAGE
IMP. DIA.
IMP. EXIT
IMPELLER PART NO. 42179
IMPELLER PATTERN NO. 38471
THRUST CONSTANT 68
WR² 57 LB. FT²/STAGE
PUMP SHAFT DIAM. 3 3/16
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 63"
18 11/16
17 3/4
15 13/16
NPSH
77
80
84
86
86.5
86.5
86
85
84
82
80
78
75
NOTE:
DASH LINES SINGLE STG. PERFORMANCE
FULL LINES MULTI-STG PERFORMANCE
FEET TOTAL BOWL HEAD
150
140
130
120
110
100
90
80
70
60
50
40
FEET N.P.S.H. REQUIRED @ SUCTION IMPELLER
60
40
20
10
PER STAGE
BRAKE HORSEPOWER
350
300
250
200
0
2000
4000
6000
8000
10000
12000
14000
16000
U.S. GALLONS PER MINUTE
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY EFFICIENCY BY 1.00
FOR 2 STAGES MULTIPLY EFFICIENCY BY 1.00
DATE 1-3-75
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
28NMC TURBINE PUMP
IMPELLER — BRONZE
1180 RPM
BOWL — CAST IRON COATED
CURVE SHEET NO
EC-1164



JP-1037


PER STAGE
IMP. DIA.
IMP. SAIT
IMPELLER PART NO. 42179
IMPELLER PATTERN NO. 38471
THRUST CONSTANT 68
WR² 57 LB. FT²/STAGE
PUMP SHAFT DIAM. 3 3/16
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 63"
PEET H.P.B.H. REQUIRED
SUCTION IMPELLER
NPSH
NOTE:
DASH LINES SINGLE STAGE PERFORMANCE
FULL LINES MULTI STAGE PERFORMANCE
PEET TOTAL BOWL HEAD
BRAKE HORSEPOWER
PER STAGE
U S GALLONS PER MINUTE
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY EFFICIENCY BY 1.00
FOR 2 STAGES MULTIPLY EFFICIENCY BY 1.00
DATE 1-15-75
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
28NMC TURBINE PUMP
IMPELLER — BRONZE
880 RPM
BOWL — CAST IRON
COATED
CURVE SHEET NO
EC-1165