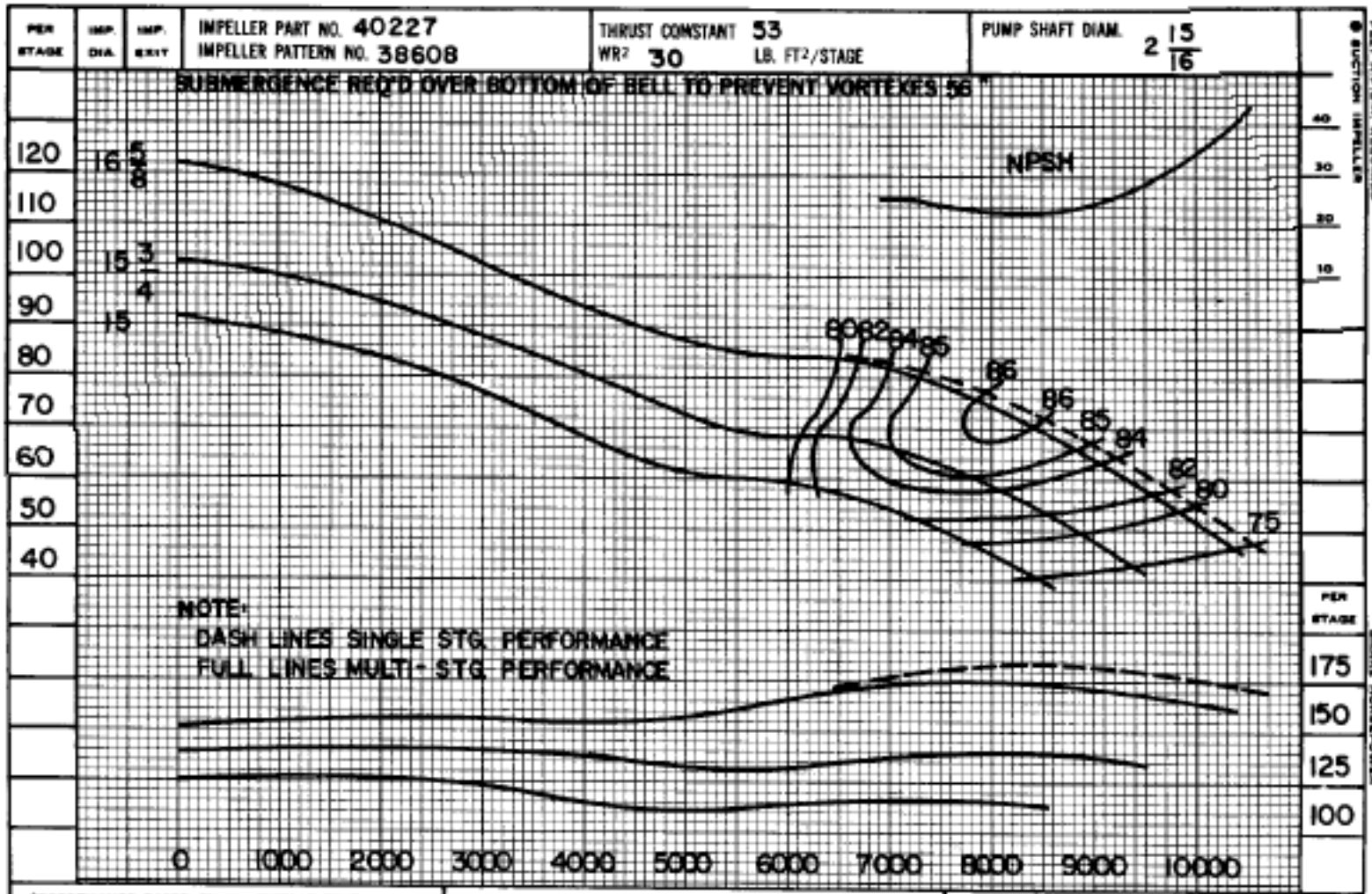
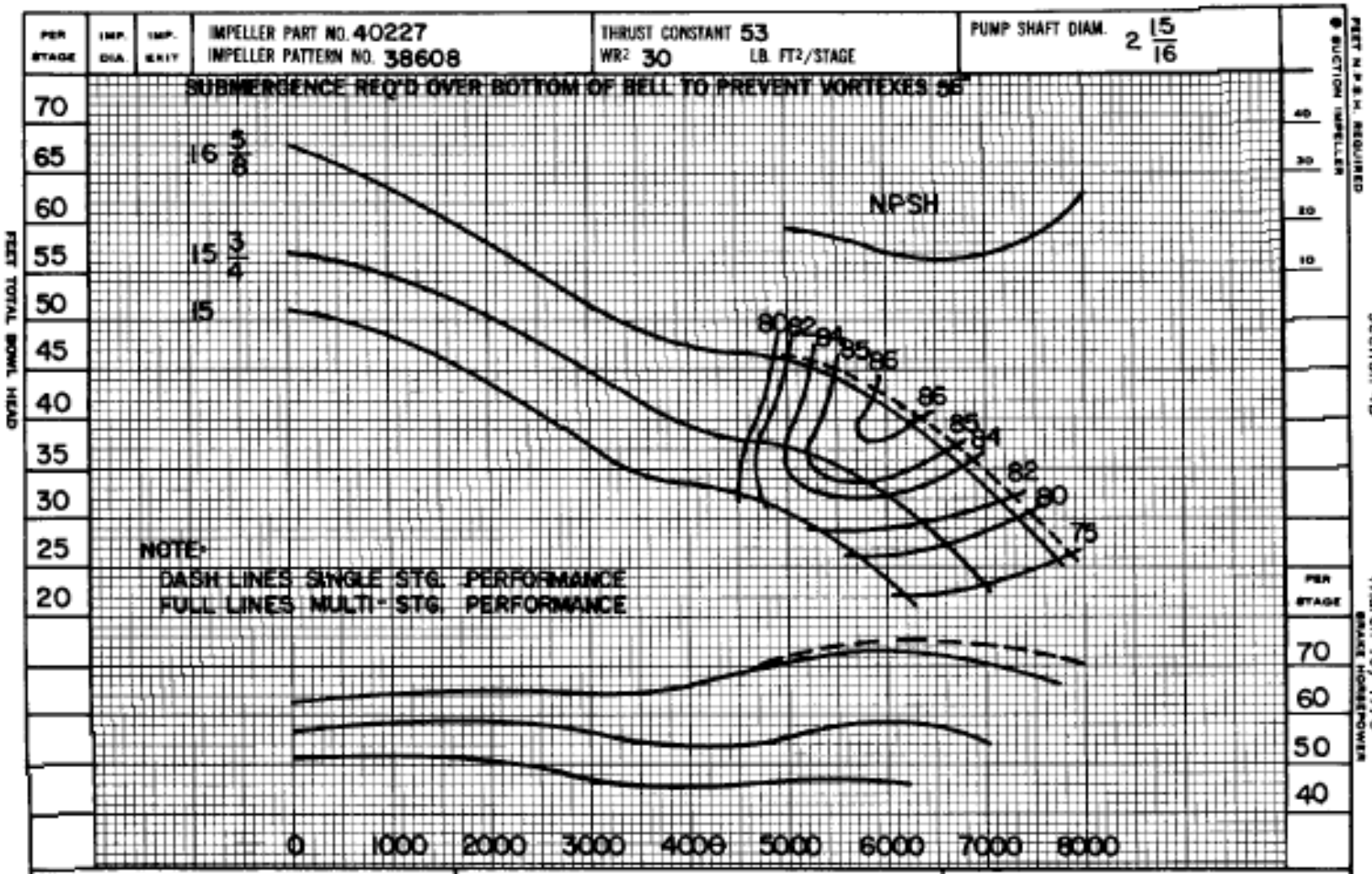

PER STAGE
IMP. DIA.
IMP. EXIT
IMPELLER PART NO. 40227
IMPELLER PATTERN NO. 38608
THRUST CONSTANT 53
WR² 30 LB. FT²/STAGE
PUMP SHAFT DIAM. 2 15/16
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 56"
FEET TOTAL BOWL HEAD
120
110
100
90
80
70
60
50
40
16 5/8
15 3/4
15
NPSH
80
82
84
85
86
86
85
84
82
80
75
FEET N.P.S.H. REQUIRED @ SUCTION IMPELLER
40
30
20
10
NOTE:
DASH LINES SINGLE STG. PERFORMANCE
FULL LINES MULTI-STG. PERFORMANCE
PER STAGE
175
150
125
100
BRAKE HORSEPOWER
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
U.S. GALLONS PER MINUTE
PERFORMANCE BASED ON MULTISTAGE TESTS PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY EFFICIENCY BY 0.98
FOR 2 STAGES MULTIPLY EFFICIENCY BY 1.00
DATE 1-2-75
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
25NMC TURBINE PUMP
IMPELLER — BRONZE
1180 R.P.M.
BOWL — CAST IRON COATED
CURVE SHEET NO.
EC-1178

JP-1017


PER STAGE
IMP. DIA.
IMP. EXIT
IMPELLER PART NO. 40227
IMPELLER PATTERN NO. 38608
THRUST CONSTANT 53
WR² 30 LB. FT²/STAGE
PUMP SHAFT DIAM. 2 15/16
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 5'
FEET TOTAL BOWL HEAD
16 5/8
15 3/4
15
NPSH
80 82 84 85 86
86
85
84
82
80
75
NOTE:
DASH LINES SINGLE STG. PERFORMANCE
FULL LINES MULTI-STG. PERFORMANCE
0 1000 2000 3000 4000 5000 6000 7000 8000
U.S. GALLONS PER MINUTE
FEET N.P.S.H. REQUIRED @ SUCTION IMPELLER
BRAKE HORSEPOWER
PERFORMANCE BASED ON MULTISTAGE TESTS PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY EFFICIENCY BY 0.98
FOR 2 STAGES MULTIPLY EFFICIENCY BY 1.00
DATE 1-2-75
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
25NMC TURBINE PUMP
IMPELLER — BRONZE
880 R.P.M.
BOWL — CAST IRON COATED
CURVE SHEET NO. EC-1179

JP-0817