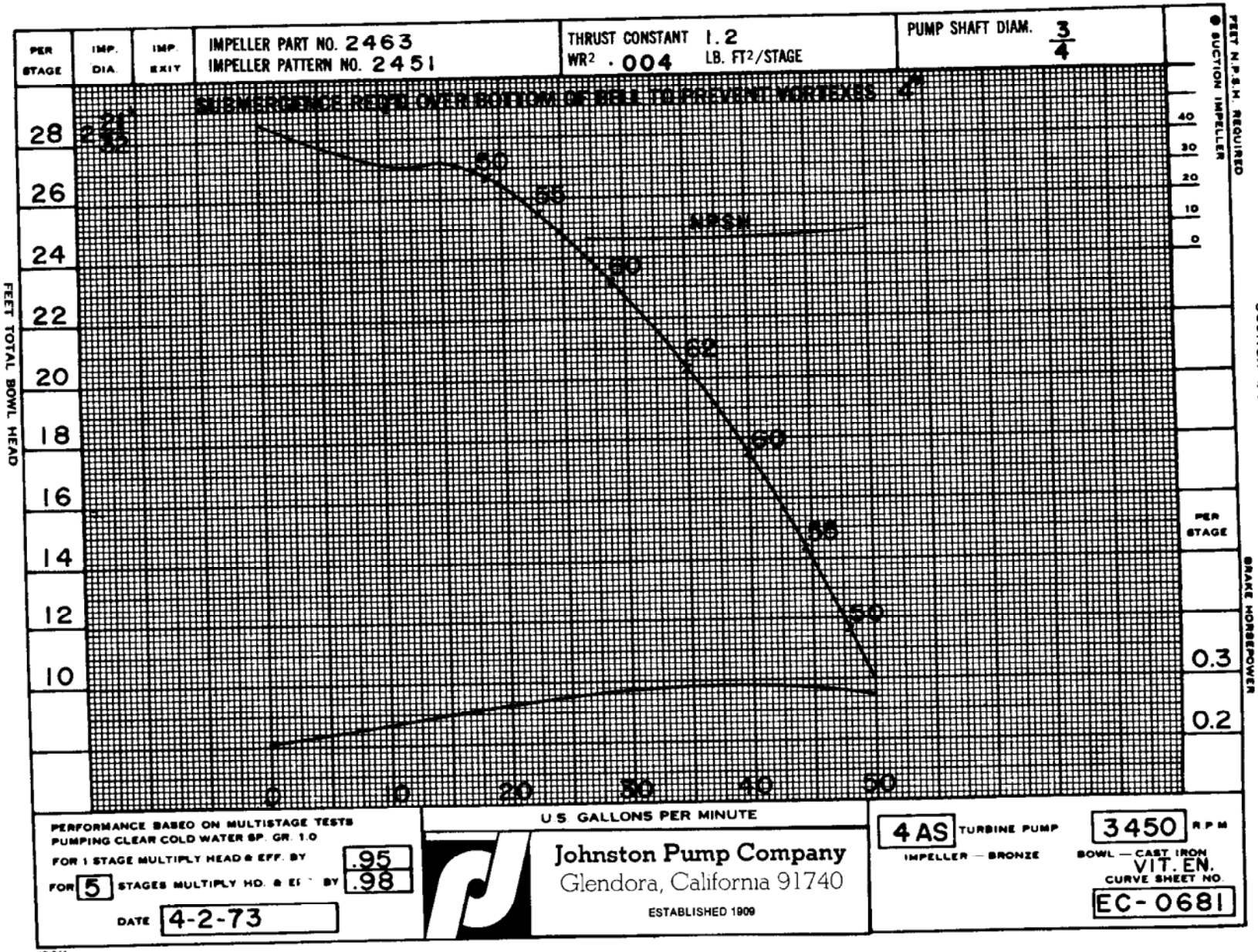
PER STAGE
IMP. DIA.
IMP. EXIT
IMPELLER PART NO. 2463
IMPELLER PATTERN NO. 2451
THRUST CONSTANT 1.2
WR² .004 LB. FT²/STAGE
PUMP SHAFT DIAM. 3/4
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 4"
FEET TOTAL BOWL HEAD
28
26
24
22
20
18
16
14
12
10
0
10
20
30
40
50
U.S. GALLONS PER MINUTE
60
55
NPSH
60
62
60
55
50
FEET N.P.S.H. REQUIRED
● SUCTION IMPELLER
40
30
20
10
0
PER STAGE
BRAKE HORSEPOWER
0.3
0.2
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY .95
FOR 5 STAGES MULTIPLY HD. & EFF. BY .98
DATE 4-2-73
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
4AS TURBINE PUMP
IMPELLER — BRONZE
3450 RPM
BOWL — CAST IRON
VIT. EN.
CURVE SHEET NO.
EC-0681