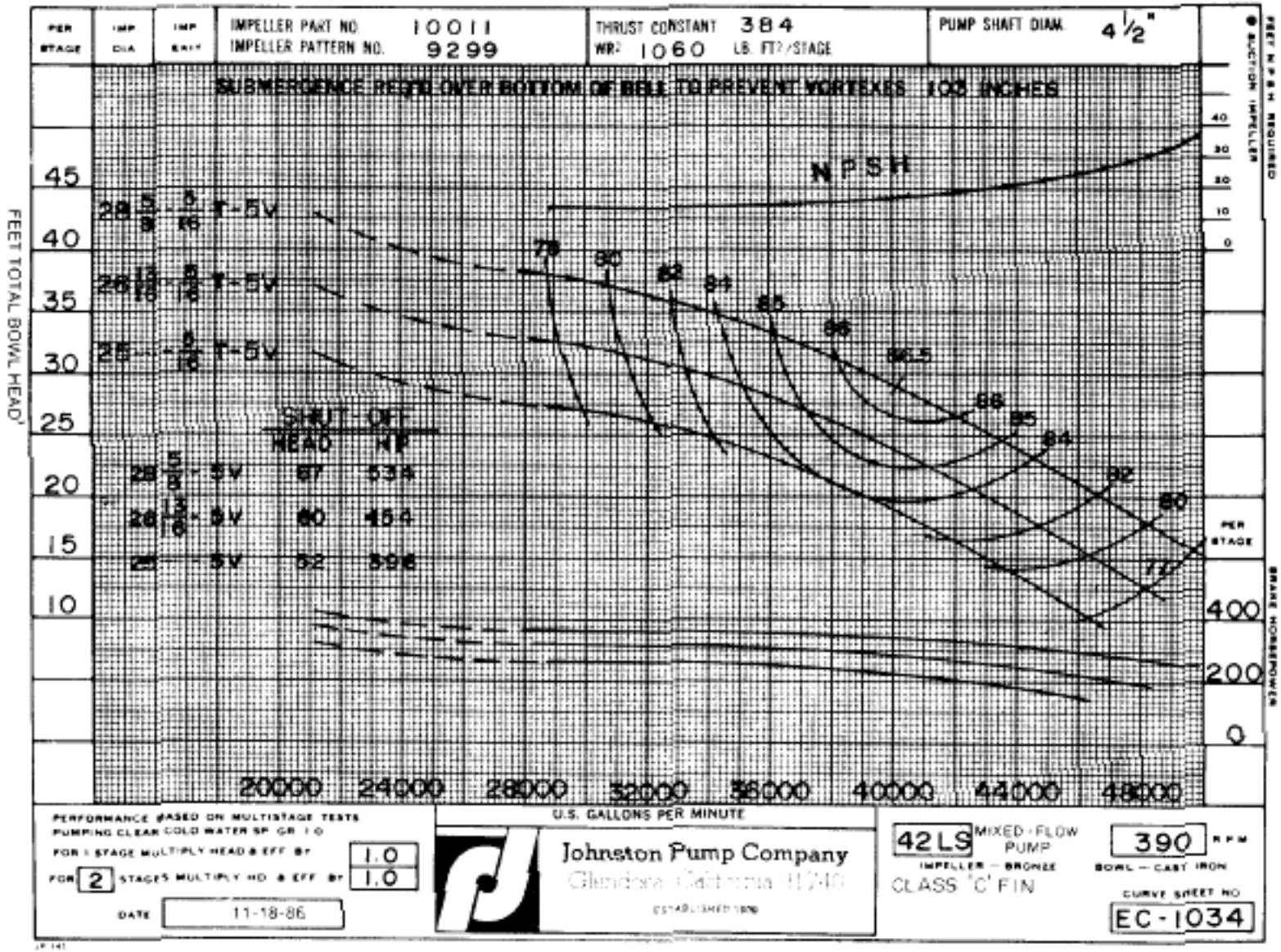
PER STAGE
IMP DIA
IMP EXIT
IMPELLER PART NO. 10011
IMPELLER PATTERN NO. 9299
THRUST CONSTANT 384
WR² 1060 LB. FT²/STAGE
PUMP SHAFT DIAM. 4 1/2"
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 103 INCHES
NPSH
FEET TOTAL BOWL HEAD
45
40
35
30
25
20
15
10
28 5/8 - 5/16 T-5V
26 13/16 - 5/16 T-5V
25 - 5/16 T-5V
SHUT OFF
HEAD HP
28 5/8 - 5V 67 534
26 13/16 - 5V 60 454
25 - 5V 52 396
78
80
82
84
85
86
86.5
86
85
84
82
80
77
PER STAGE
400
200
0
20000
24000
28000
32000
36000
40000
44000
48000
FEET N.P.S.H. REQUIRED
SUCTION IMPELLER
40
30
20
10
0
BRAKE HORSEPOWER
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY 1.0
FOR 2 STAGES MULTIPLY HD. & EFF. BY 1.0
DATE 11-18-86
U.S. GALLONS PER MINUTE
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
42 LS MIXED-FLOW PUMP
IMPELLER — BRONZE
CLASS 'C' FIN
390 RPM
BOWL — CAST IRON
CURVE SHEET NO.
EC-1034