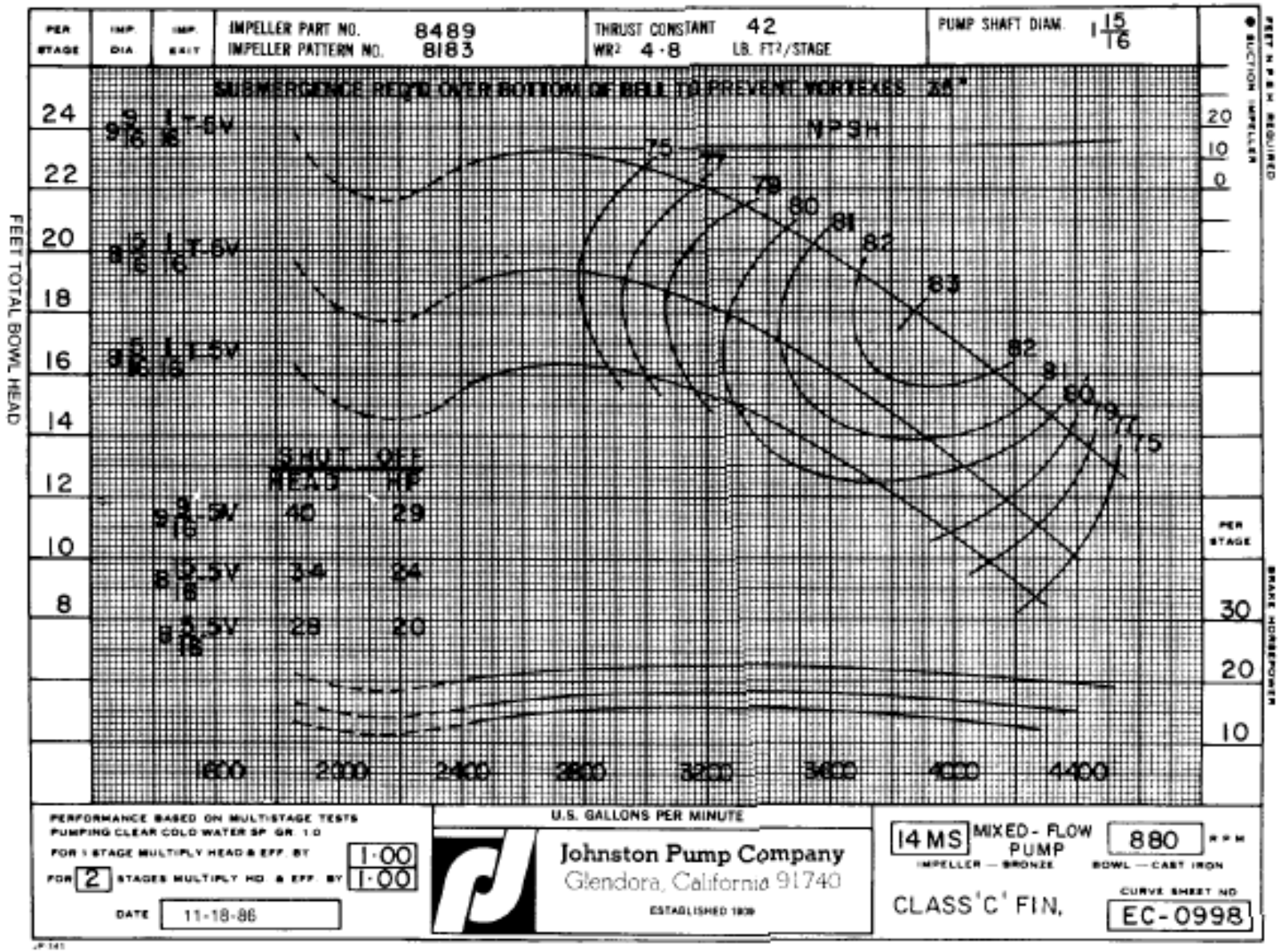
PER STAGE
IMP. DIA.
IMP. EXIT
IMPELLER PART NO. 8489
IMPELLER PATTERN NO. 8183
THRUST CONSTANT 42
WR² 4·8 LB. FT²/STAGE
PUMP SHAFT DIAM. 1 15/16
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 25"
NPSH
75
77
79
80
81
82
83
82
81
80
79
77
75
SHUT OFF
HEAD HP
9 9/16 5V 40 29
8 15/16 5V 34 24
8 5/16 5V 28 20
FEET TOTAL BOWL HEAD
24
22
20
18
16
14
12
10
8
FEET N.P.S.H. REQUIRED
SUCTION IMPELLER
20
10
0
PER STAGE
30
20
10
BRAKE HORSEPOWER
1600
2000
2400
2800
3200
3600
4000
4400
U.S. GALLONS PER MINUTE
PERFORMANCE BASED ON MULTI-STAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY 1·00
FOR 2 STAGES MULTIPLY HD. & EFF. BY 1·00
DATE 11-18-86
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
14 MS MIXED-FLOW PUMP
IMPELLER — BRONZE
880 RPM
BOWL — CAST IRON
CLASS 'C' FIN.
CURVE SHEET NO. EC-0998