

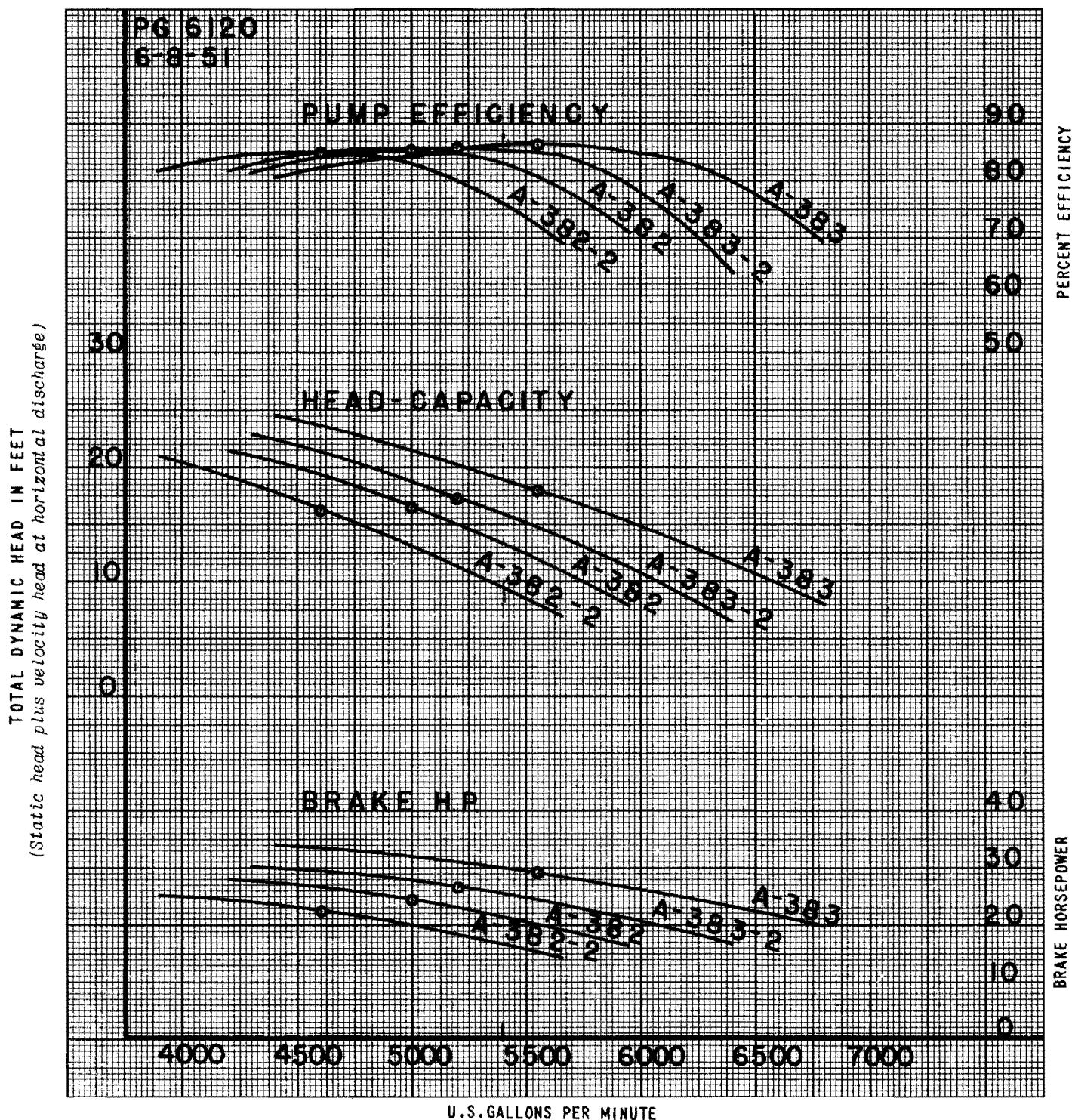
18 INCH
700 R. P. M.
GROUP 92
PAGE 18-40

-
- P64023**
- TOTAL DYNAMIC HEAD IN FEET**
(Static head plus velocity head at horizontal discharge)
- PERCENT EFFICIENCY**
- BRAKE HORSEPOWER**
- U.S. GALLONS PER MINUTE**
- The graph displays three sets of performance curves for the P64023 pump. The top set of curves represents Total Dynamic Head (TDH) in feet, ranging from 0 to 14. The middle set represents Brake Efficiency in percent, ranging from 0 to 80. The bottom set represents Brake Horsepower (BHP) in horsepower, ranging from 0 to 10. The x-axis for all curves is U.S. Gallons Per Minute (GPM), ranging from 0 to 8000. The curves are labeled with flow rates: 1000, 2000, 3000, 4000, 5000, 6000, and 7000 GPM. The TDH curves show a decrease in head as flow rate increases. The Brake Efficiency curves show a peak efficiency around 4000-5000 GPM. The BHP curves show an increase in horsepower as flow rate increases.

18"	6310	18" O. D. COLUMN	700 R. P. M.	ONE STAGE	CODE	WYTEW
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Fig.6310 PROPELLER PUMP PERFORMANCE CHART

1. The propeller pump performance curves shown are obtained by testing pumps with short column and enclosed discharge elbow with head measurements taken in a horizontal discharge pipe at least three pipe diameters beyond the elbow flange. For further details refer to data page D6310A5
2. Discharge column losses should be added when settings are deeper than 10 feet. Refer to data page D6310A6
3. For velocity head refer to data page D6310A5



18" 6310 18" COLUMN 700RPM TWO STAGE