



# Vaughan E Series Chopper Pump PERFORMANCE CURVE

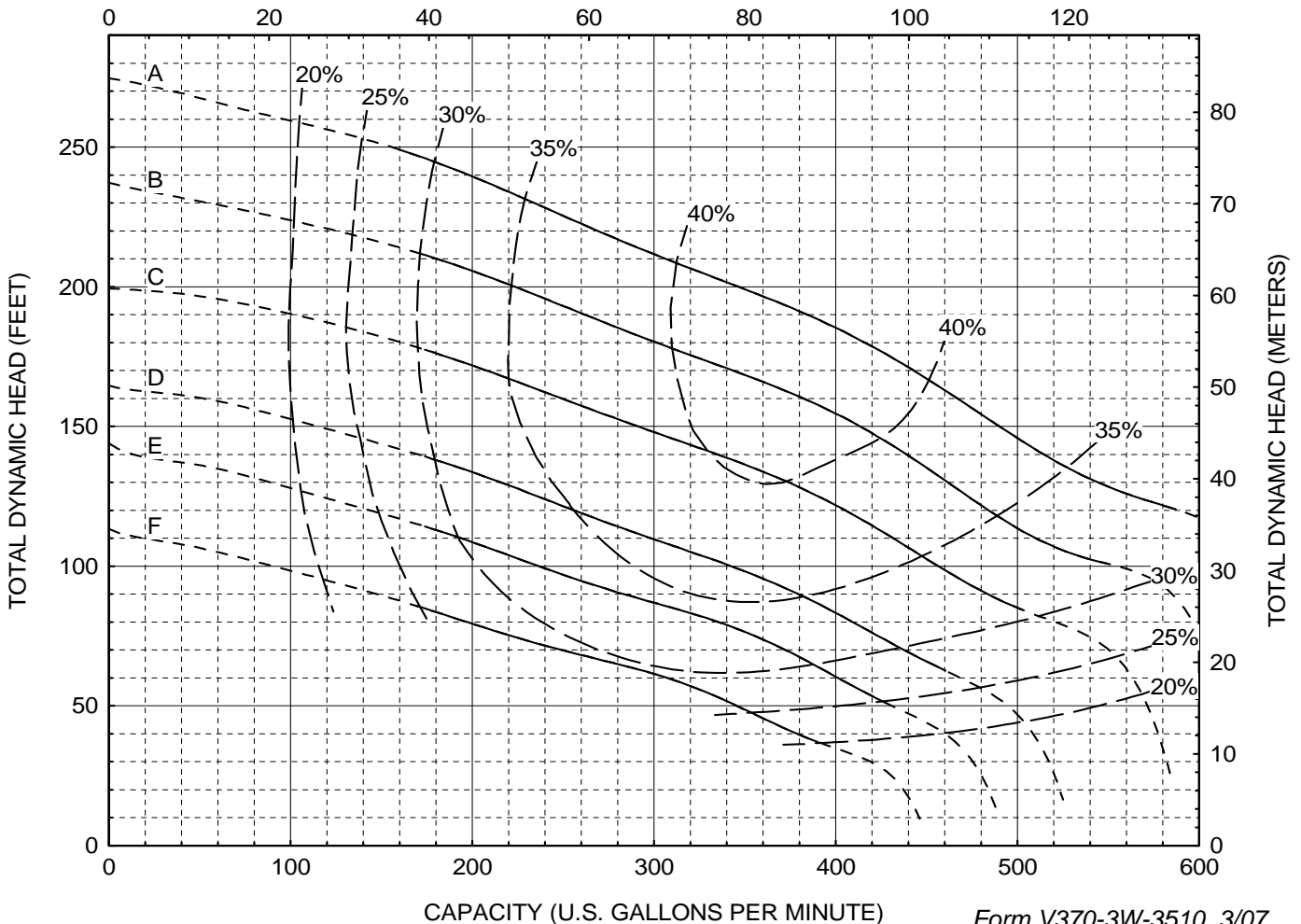
**Models:**  
**HE3W6**  
**PE3W6**  
**SE3W\***

Back-Pull-Out Casing  
**5-Blade Impeller**  
**3" Discharge**  
**6" Suction**

| CURVE | POWER (HP) | SPEED (RPM) | IMPELLER DIAMETER |
|-------|------------|-------------|-------------------|
| A     | *60        | 3510        | 8.00" (203 mm)    |
| B     | *50        | 3510        | 7.50" (191 mm)    |
| C     | 40         | 3510        | 7.00" (178 mm)    |
| D     | 30         | 3510        | 6.50" (165 mm)    |
| E     | 25         | 3510        | 6.10" (155 mm)    |
| F     | 20         | 3510        | 5.70" (145 mm)    |

DO NOT OPERATE PUMP IN DOTTED PORTION OF CURVES. CURVES SUBJECT TO CHANGE WITHOUT NOTICE. EFFICIENCIES SHOWN ARE NOMINAL BOWL. GUARANTIED MINIMUM EFFICIENCIES PER H.I. LEVEL B. ACTUAL MOTOR SPEEDS MAY VARY FROM 3500 RPM TO 3560RPM, DEPENDING ON BRAND, POWER AND OPTIONS. USE AFFINITY LAWS TO ADJUST PERFORMANCE TO ACTUAL MOTOR SPEED. \* 3510 RPM SUBMERSIBLE PUMP MOTORS ARE NOT AVAILABLE ABOVE 40 HP.

CAPACITY (CUBIC METERS PER HOUR)



CAPACITY (U.S. GALLONS PER MINUTE)

Form V370-3W-3510 3/07