

# TRITON

## Vaughan TRITON Screw Centrifugal Pump PERFORMANCE CURVE

**Models:**  
**HSC8FP**  
**PSC8FP**

**8" Discharge**  
**8" Suction**  
**13.5" Impeller**  
**Max 4.5" Sphere**  
**Back-Pull-Out Casing**

| CURVE | POWER           | SPEED    |
|-------|-----------------|----------|
| A     | 75 HP / 55 KW   | 1780 RPM |
| B     | 60 HP / 45 KW   | 1690 RPM |
| C     | 50 HP / 37 KW   | 1590 RPM |
| D     | 40 HP / 30 KW   | 1460 RPM |
| E     | 30 HP / 22 KW   | 1330 RPM |
| F     | 25 HP / 18.5 KW | 1250 RPM |
| G     | 25 HP / 18.5 KW | 1180 RPM |
| H     | 20 HP / 15 KW   | 1150 RPM |
| I     | 15 HP / 11 KW   | 970 RPM  |
| J     | 10 HP / 7.5 KW  | 885 RPM  |
| K     | 7.5 HP / 5.5 KW | 720 RPM  |

DO NOT OPERATE PUMP IN DOTTED PORTION OF CURVES. CURVES SUBJECT TO CHANGE WITHOUT NOTICE. CURVES ARE BASED ON PREM. EFF. TEFC MOTOR SPEEDS. BRAKE HP AND EFF. SHOWN IS FOR PUMPS WITH PROPERLY INSTALLED AND LUBRICATED PACKING. PUMPS WITH MECHANICAL SEALS WILL REQUIRE ADDITIONAL HP AND THE FACTORY MAY BE CONTACTED FOR THESE VALUES. EFFICIENCIES SHOWN ARE NOMINAL. GUARANTEED MINIMUM PUMP EFFICIENCIES ARE PER H.I. LEVEL B.

