



**Vaughan**<sup>®</sup>

# Vaughan Self-Priming Chopper Pump PERFORMANCE CURVE

Model **SP8N** Variable Speed Curve

CURVE	POWER (HP/KW)	SPEED (RPM)	IMPELLER DIAMETER	REPRIME LIFT (FT/METERS)
A	125 / 90	1185	16.00" (406 mm)	22 / 6.7
B	100 / 75	1170	16.00" (406 mm)	21 / 6.4
C	75 / 55	1065	16.00" (406 mm)	20 / 6.1
D	60 / 45	970	16.00" (406 mm)	19 / 5.8
E	50 / 37	930	16.00" (406 mm)	18 / 5.5
F	50 / 37	885	16.00" (406 mm)	15 / 4.6
G	40 / 30	860	16.00" (406 mm)	14 / 4.3
H	30 / 22	785	16.00" (406 mm)	12 / 3.6
I	25 / 18.5	740	16.00" (406 mm)	11 / 3.3
J	25 / 18.5	700	16.00" (406 mm)	10 / 3.0
K	20 / 15	650	16.00" (406 mm)	9 / 2.7
L	15 / 11	615	16.00" (406 mm)	8 / 2.4
M	15 / 11*	500	16.00" (406 mm)	7 / 2.1

**3 Blade Impeller**  
**8" Discharge** (10" avail)  
**10" Suction** (12" avail)

DO NOT OPERATE PUMP IN DOTTED PORTION OF CURVES. CURVES SUBJECT TO CHANGE WITHOUT NOTICE. EFFICIENCIES SHOWN ARE NOMINAL. GUARANTIED MINIMUM EFFICIENCIES PER H.I. LEVEL B.  
CAPACITY (CUBIC METERS PER HOUR)

