

H840 / V840

Flooded Suction Pumps



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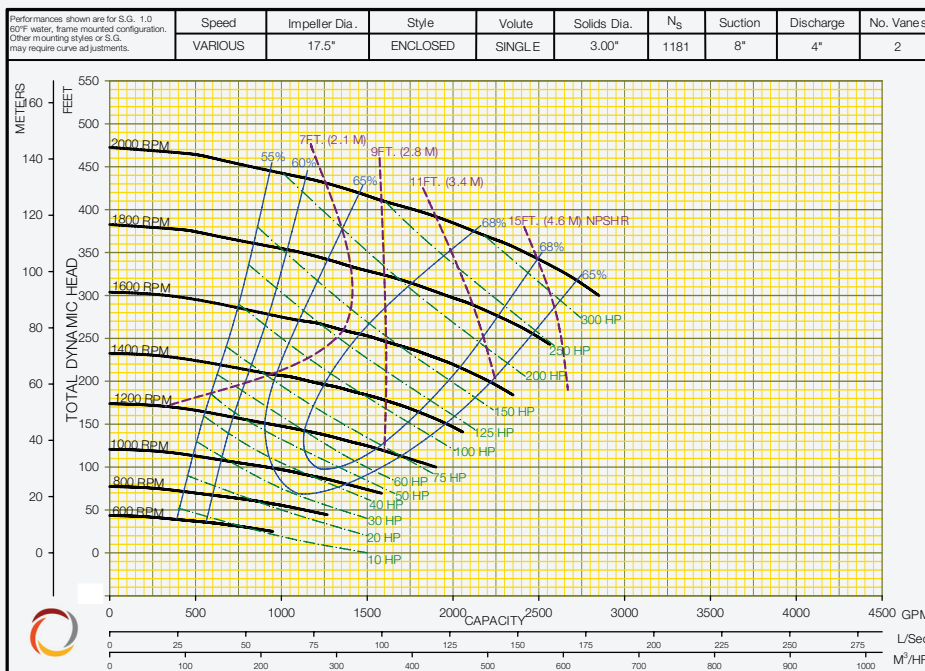
info@daepumps.com

(760) 821-8112

H840 / V840 Flooded Suction Pump

OPERATING LEVELS		
MIN FLOW	400 GPM	90.8 m ³ /h
MAX FLOW	2850 GPM	647.3 m ³ /h
DISCHARGE SIZE	4"	101.6 mm
SUCTION SIZE	8"	203.2 mm
SOLIDS HANDLING	3"	76.2 mm
MAX SPEED	2000 RPM	2000 RPM
SHUT-OFF HEAD	470'	143.3 m
BEP HEAD	360'	109.7 m
BEP FLOW	2300 GPM	522.4 m ³ /h
BEP PERCENT	68%	68%

PARTS	HIGH CHROME
IMPELLER	WHITE IRON ASTM A532 CLASS III
VOLUTE	WHITE IRON ASTM A532 CLASS III
SHAFT	17-4 PH STAINLESS STEEL H1075
SHAFT SLEEVE	416 STAINLESS STEEL
SUCTION COVER	DUCTILE IRON ASTM 65-45-12
BACKPLATE	WHITE IRON ASTM A532 CLASS III
WEAR PLATE	WHITE IRON ASTM A532 CLASS III
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE W/ VITON ELASTOMERS
BEARING FRAME	CAST IRON ASTM A48 CLASS 30
O-RINGS	VITON



FEATURES

- Excellent NPSHr
- Industry-leading efficiencies
- Replaceable wear plate and shaft sleeve
- Patented Cycloseal® design
- Heavy duty construction
- RunDry™ option (Indefinite run dry capability)
- Redi-Prime® available for fully-automatic continuous priming
- Front adjustable wear plate
- Hardness > 600BHN wears better than standard cast iron