

H640 / V640

Flooded Suction Pumps



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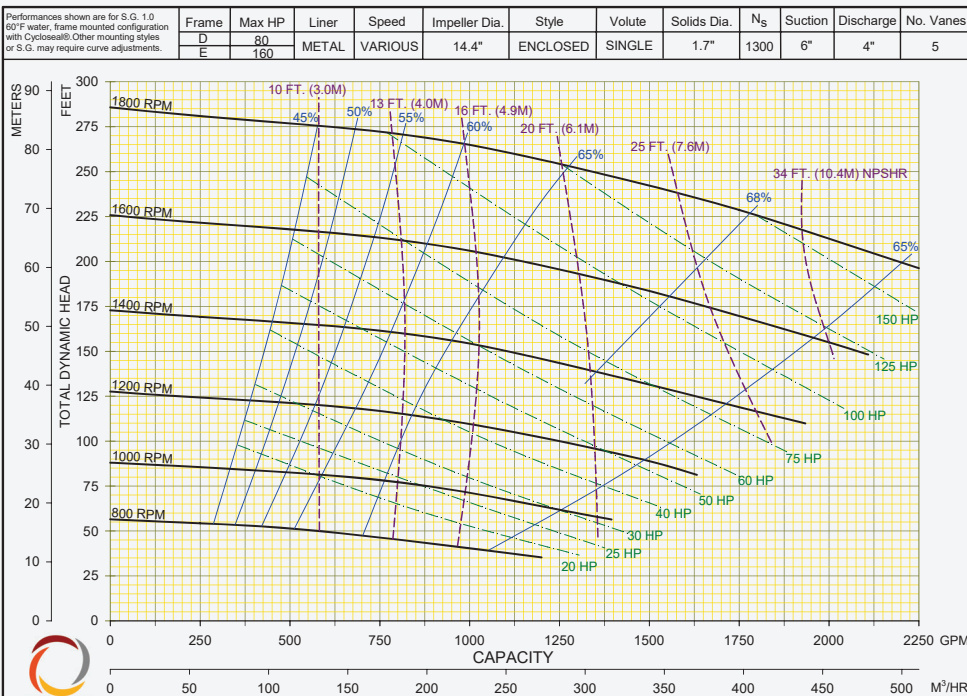
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H640 / V640 Flooded Suction Pump

OPERATING LEVELS	CHROME IRON		RUBBER	
MIN FLOW	280 GPM	64 m ³ /h	280 GPM	64 m ³ /h
MAX FLOW	2250 GPM	511 m ³ /h	1850 GPM	420 m ³ /h
DISCHARGE SIZE	4"	100 mm	4"	100 mm
SUCTION SIZE	6"	150 mm	6"	150 mm
SOLIDS HANDLING	1.7"	43 mm	1.3"	33 mm
MAX SPEED	1800 RPM	1800 RPM	1400 RPM	1400 RPM
SHUT-OFF HEAD	285'	87 m	152'	46 m
BEP HEAD	225'	69 m	126'	38 m
BEP FLOW	1775 GPM	403 m ³ /h	1370 GPM	311 m ³ /h
BEP	68%	68%	65%	65%

PARTS	STANDARD MATERIAL (CHROME IRON)	RUBBER LINED
IMPELLER	Chrome Iron	Natural Rubber
VOLUTE LINERS	Chrome Iron	Natural Rubber
VOLUTE CASING	Ductile Iron	Ductile Iron
SHAFT	4140 Steel	4140 Steel
SHAFT SLEEVE	420 Stainless Steel	420 Stainless Steel
MECHANICAL SEAL	Tungsten Carbide/Silicon Carbide (stationary)	Tungsten Carbide/Silicon Carbide (stationary)
BEARING HOUSING	Ductile Iron	Ductile Iron
BEARING FRAME	Cast Iron	Cast Iron
O-RINGS	Nitrile	Nitrile
FLANGE GASKETS	Natural Rubber	Natural Rubber
EXPELLER	Chrome Iron	Chrome Iron
BACKPLATE	Chrome Iron	Chrome Iron



FEATURES

- Enclosed impeller for higher efficiency
- Large solids handling capability
- Robust design allows it to be applied in difficult operating environments
- Industry leading two year warranty
- Superior abrasive and corrosive wear life
- Handles pH levels of 1 to 13 (rubber lining); 3 to 14 (metal)