

H1412/V1412

Flooded Suction Pumps



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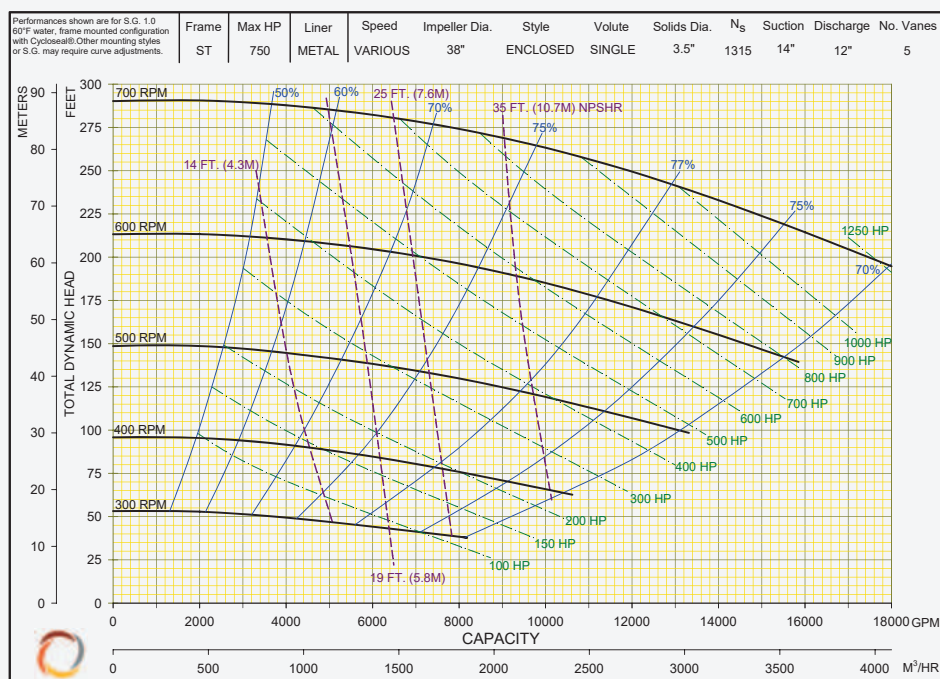
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H1412 / V1412 Flooded Suction Pump

OPERATING LEVELS	CHROME IRON	
MIN FLOW	1300 GPM	295 m ³ /h
MAX FLOW	18000 GPM	4088 m ³ /h
DISCHARGE SIZE	12"	300 mm
SUCTION SIZE	14"	350 mm
SOLIDS HANDLING	3.5"	89 mm
MAX SPEED	700 RPM	700 RPM
SHUT-OFF HEAD	290'	88 m
BEP HEAD	240'	73 m
BEP FLOW	12900 GPM	2930 m ³ /h
BEP PERCENT	77%	77%

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