

MODEL: HVH/HVS/HVF200 — Submersible Centrifugal Grinder Pump**Physical Data:**

DISCHARGE SIZE	1-1/4"
IMPELLER TYPE	SEMI-OPEN 8 VANE
CABLE LENGTH	20' STANDARD

Liquid Handling:

MAXIMUM LIQUID TEMP.	140°F
ACCEPTABLE pH RANGE	6 – 9
SPECIFIC GRAVITY	0.9 – 1.1
VISCOSITY	28 – 35 SSU

Temperature:

MAXIMUM STATOR	284°F
OIL FLASH POINT	390°F
HEAT SENSOR	Open: 284°F MAX./266°F MIN. Closed: 214°F MAX./181°F MIN.

Technical Data:

POWER CORD TYPE	SOOW	
MATERIALS OF CONSTRUCTION	MOTOR HOUSING	CAST IRON ASTM A-48 CLASS 30
	CASING	CAST IRON ASTM A-48 CLASS 30
	IMPELLER	316 SST / CF8M
	CUTTERS	Stationary: 440C STAINLESS STEEL HARDENED TO 55-60 ROCKWELL C Rotating: 440C STAINLESS STEEL HARDENED TO 55-60 ROCKWELL C
	MOTOR SHAFT	416 STAINLESS STEEL
	HARDWARE	300 SERIES STAINLESS STEEL
	O-RINGS	NITRILE
MECHANICAL SEALS	Standard: UPPER CARBON/CERAMIC/NITRILE, TYPE 21 Optional: LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/NITRILE, TYPE 21	
UPPER BEARING	(RADIAL) SINGLE ROW BALL 6203	
LOWER BEARING	DOUBLE ROW ANGULAR CONTACT 3205A	
MIN. B-10 BEARING LIFE	50,000 Hrs	