

MODEL: HPD200 — Submersible Positive Displacement Grinder Pump

Physical Data:

DISCHARGE SIZE	1-1/4" NPT
PUMPING STATOR	DOUBLE HELIX
PUMPING ROTOR	300 SERIES SST; SINGLE LOBE
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	266°F
OIL FLASH POINT	390°F
HEAT SENSOR	Open: 257°F MAX./239°F MIN. Closed: 194°F MAX./149°F MIN.

Technical Data:

POWER CORD TYPE	SJOOW	
MATERIALS OF CONSTRUCTION	MOTOR HOUSING	CAST IRON ASTM A-48 CLASS 30
	CASING	CAST IRON ASTM A-48 CLASS 30
	CUTTERS	Stationary: 440C STAINLESS STEEL HARDENED TO 55-60 ROCKWELL C Lower (Radial): 440C STAINLESS STEEL HARDENED TO 55-60 ROCKWELL C
	MOTOR SHAFT	416 STAINLESS STEEL
	HARDWARE	303 SERIES STAINLESS STEEL
	O-RINGS	NITRILE
MECHANICAL SEALS	Standard: SINGLE CARBON/CERAMIC/NITRILE, TYPE 2100	
UPPER BEARING	(RADIAL) SINGLE ROW BALL 6203	
LOWER BEARING	(THRUST) SINGLE ROW BALL 6306	
MIN. B-10 BEARING LIFE	50,000 Hrs	