

MODEL: HPG(X)200 — Submersible Centrifugal Grinder Pump**Physical Data:**

DISCHARGE SIZE	1-1/4"
IMPELLER TYPE	SEMI-OPEN 5 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	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		HPG: SOOW HPGX: SOOW, W
MATERIALS OF CONSTRUCTION	MOTOR HOUSING	CAST IRON ASTM A-48 CLASS 30
	CASING	CAST IRON ASTM A-48 CLASS 30
	IMPELLER	RED BRASS #85-5-5-5 ASTM B584-836 (VALOX SEO WITH BRONZE INSERT ON HPG)
	CUTTERS	Stationary: 440C STAINLESS STEEL HARDENED TO 55-60 ROCKWELL C Upper (Axial): 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	300 SERIES STAINLESS STEEL
	O-RINGS	NITRILE
MECHANICAL SEALS		Standard: UPPER CARBON/CERAMIC/NITRILE, TYPE 21 Optional: HPG: LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/NITRILE, TYPE 21 HPGX: LOWER TYPE 6A W/ STATIONARY CARBON/NITRILE AND ROTATING CERAMIC W/ VITON SEALING RING
UPPER BEARING		(RADIAL) SINGLE ROW BALL 6203
LOWER BEARING		(THRUST) SINGLE ROW BALL 6306
MIN. B-10 BEARING LIFE		50,000 Hrs