

MODEL: HPGR200 — Standard Grinder Pumps**Physical Data:**

DISCHARGE SIZE	1-1/4" NPT
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		SOOW
MATERIALS OF CONSTRUCTION	MOTOR HOUSING	CAST IRON ASTM A-48 CLASS 30
	CASING	CAST IRON ASTM A-48 CLASS 30
	IMPELLER	VALOX SEO WITH BRONZE INSERT
	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:		SINGLE CARBON/CERAMIC/NITRILE, TYPE 21
UPPER BEARING		(RADIAL) SINGLE ROW BALL 6203
LOWER BEARING		(THRUST) SINGLE ROW BALL 6306
MIN. B-10 BEARING LIFE		50,000 Hrs