

MODEL: HPGF(X)/HPGFH(X) — Grinder Pumps**Physical Data:**

DISCHARGE SIZE	2" NPT ON HPGF(X), 3" 125 LB. FLANGE ON HPGFH(X)
IMPELLER TYPE	SEMI-OPEN 5 VANE
CABLE LENGTH	35' 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	311°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, W	
SENSOR CORD TYPE	SOOW	
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
	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 AND LOWER CARBON/CERAMIC, TYPE 21 Optional: LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/NITRILE, TYPE 21	
UPPER BEARING	(RADIAL) SINGLE ROW BALL (6303)	
LOWER BEARING	(THRUST) SINGLE ROW BALL	
MIN. B-10 BEARING LIFE	50,000 Hrs	