

MODEL: HPGH/HPGHH — Standard Grinder Pumps

Physical Data:

DISCHARGE SIZE	2" NPT ON HPGH, 3" 125 LB. FLANGE ON HPGHH
IMPELLER TYPE	SEMI-OPEN 5 VANE
CABLE LENGTH	30' STANDARD
PAINT	PAINTED AFTER ASSEMBLY. DARK GREEN, ENAMEL, ONE COAT, AIR DRIED.

Temperature:

MAXIMUM LIQUID	140°F
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		STW/STW-A WATER RESISTANT 600V, 60°C
SENSOR CORD TYPE		16-4 STW-A WATER RESISTANT 600V, 60°C, 10 AMPS
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	BUNA N
MECHANICAL SEALS		Standard: UPPER AND LOWER CARBON/CERAMIC/BUNA-N, TYPE 21 Optional: LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/BUNA-N, TYPE 21
UPPER BEARING		(RADIAL) SINGLE ROW BALL (6303)
LOWER BEARING		(THRUST) SINGLE ROW BALL (3307)
MIN. B-10 BEARING LIFE		50,000 Hrs