

# 2 HP SUBMERSIBLE SEWAGE GRINDER PUMP

## HWG(X) MODELS

**PHYSICAL DATA**

DISCHARGE SIZE	1-1/4"
IMPELLER TYPE	RECESSED
CABLE LENGTH	20' STANDARD

**LIQUID HANDLING**

MAXIMUM LIQUID TEMP.	140oF
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		HWG(X): S00W
MATERIALS OF CONSTRUCTION	MOTOR HOUSING	CAST IRON ASTM A-48 CLASS 30
	CASING	CAST IRON ASTM A-48 CLASS 30
	IMPELLER	316 SST/CF8M
	CUTTERS	Stationary: 440C STAINLESS STEEL HARDENED TO 55-60 ROCKWELL C Rotating: 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	
UPPER BEARING	(RADIAL) SINGLE ROW BALL 6203	
LOWER BEARING	(THRUST) SINGLE ROW BALL 6306	
MIN. B-10 BEARING LIFE	50,000 Hrs	



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