

MODEL 2722

PRODUCT FEATURES

2 HP Grinder Pumps

60 Hz

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zoellerpumps.com

APPLICATIONS

- Low pressure sewer systems
- High head sewage systems
- Domestic, commercial, wastewater and sewage

MATERIAL FEATURES

PUMP:

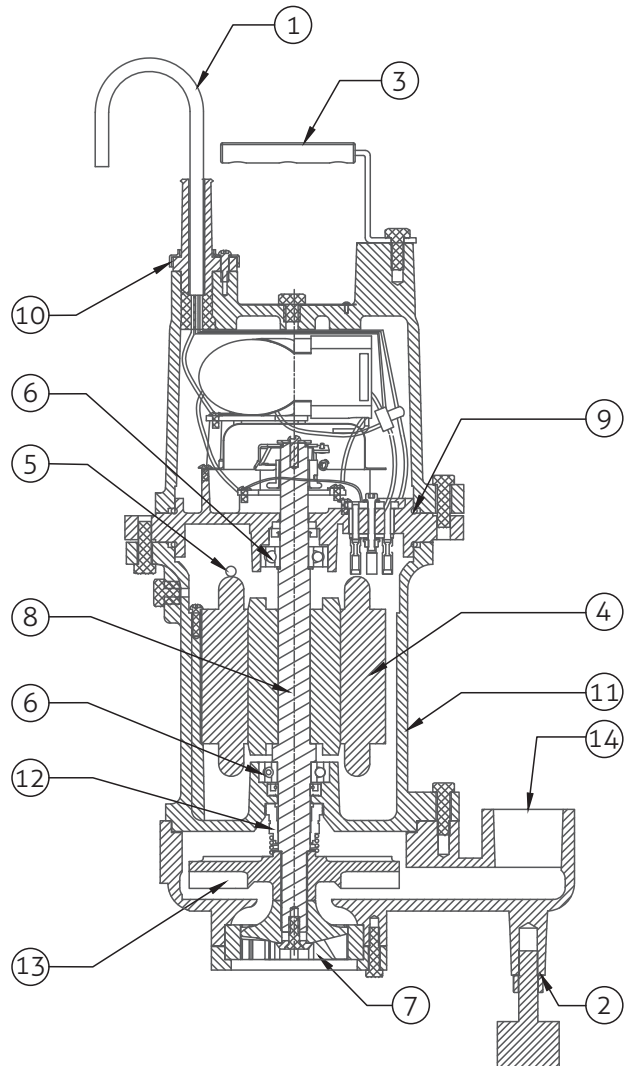
- Hardened 440 stainless steel (Rockwell 55-60) shredding ring and cutter
- 1-1/4" NPT discharge
- Single silicon carbide mechanical seal with secondary lip seal
- Thermal overload is mounted directly on the windings in the single phase models for maximum temperature sensing
- Cast iron ASTM A48 Class 30
- Attaching hardware - 304 stainless steel
- The cord seal is epoxy-potted for superior moisture resistance and anti-wicking
- Ductile iron impeller for superior quality and long life

MOTOR:

- 2 HP, 3450 RPM
- 1 Phase - 220 Volt
- Stator - Class B insulation and lead wires Nema B design
- Oil-filled motor for better cooling and lubrication
- Integral thermal overload
- Housing - cast iron
- Power cable length - 30' (9 m)
- Ball bearings - upper and lower high carbon chromium steel

FEATURES

1. 30' (9 m) power cord.
2. Cast iron support legs enable the pump to be free-standing.
3. Stainless steel lifting bail.
4. Stator - Class B insulation and lead wires Nema B design. Class B motor insulation is double-dipped and baked.
5. Thermal sensor protection mounted directly on the windings to protect against overheating.
6. Upper and lower high carbon chromium steel ball bearings.
7. Stainless steel shredding ring and cutter hardened to Rockwell 55-60.
8. Stainless steel shaft and hardware resist corrosion.
9. Buna-N O ring seals.
10. Triple sealed design compression grommet - outer jacket seal epoxy potted - inner conductor seal.
11. Cast iron ASTM A48 Class 30 strength.
12. Single silicon carbide mechanical seal with secondary lip seal.
13. Semi - open vortex impeller design, fully balanced with integral pump-out vane to clear debris.
14. 1-1/4" NPT discharge. Concentric pump housing with centerline discharge reduces radial loading for longer bearing and shaft seal life.



MODEL 2722

TECHNICAL DATA

2 HP Grinder Pumps

MODELS:	<input type="checkbox"/> 2722
MODE:	NON-AUTO
PUMP NAME PLATE HORSEPOWER:	2
MAXIMUM KW INPUT:	2.1
STANDARD IMPELLER DIAMETER:	4.921" (125 mm)
DISCHARGE SIZE:	1-1/4" NPT

IMPELLER TYPE:	SEMI-OPEN	SINGLE SEALS:	STANDARD
CUTTER & PLATE:	440 C SS HARDENED TO ROCKWELL 55-60	MOTOR DESIGN LETTER:	NEMA B
PUMP NET WEIGHT:	73 lbs. (33 kg)	POWER CORD LENGTH: ft (m) (30' [9 m] STANDARD)	<input type="checkbox"/> 50' (15.2 m)
O RINGS:	BUNA-N	POWER CORD:	14 GAUGE SJTW
MOTOR SHAFT:	SS410	STATOR & LEAD WIRES INSULATION:	CLASS B
RPM:	3450	MAXIMUM STATOR TEMPERATURE:	266 °F (130 °C)
MOTOR TYPE:	SUBMERSIBLE		

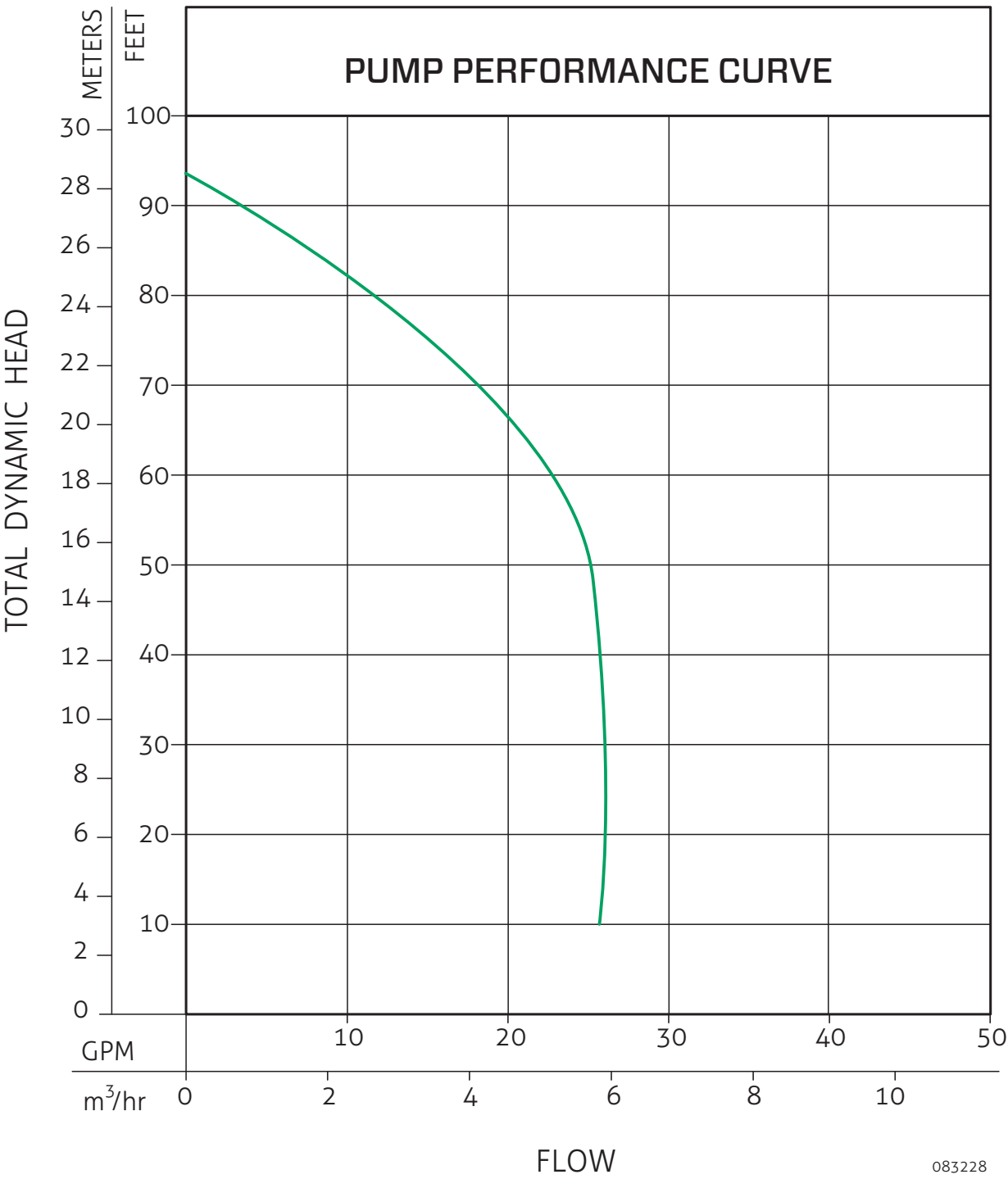
SHAFT SEAL CONSTRUCTION:	STANDARD	SILICON CARBIDE/SILICON CARBIDE
STANDARD SENSING DEVICES	MOTOR THERMAL SHUTOFF	INTEGRAL ON-LEAD
IMPELLER MATERIAL	2722	STANDARD DUCTILE IRON
IMPELLER TRIM:	<input type="checkbox"/> OPTIONAL	DESIGN POINT: ____ GPM @ ____' TDH, IMPELLER DIA. ____"
MAXIMUM WATER TEMPERATURE:		104 °F (40 °C) Continuous, 140 °F (60 °C) Intermittent

MODEL	HP	<input type="checkbox"/> 220V / 1 PH	
		FLA	LRA
2722	2	10	36

RESERVE POWERED DESIGN

For unusual conditions a reserve safety factor is engineered into the design of every Zoeller® pump.

MODEL 2722
PERFORMANCE CURVE
2 HP Grinder Pumps



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MODEL 2722

DIMENSIONAL DRAWING

2 HP Grinder Pumps

