

quality . service
innovation . integrity

X840 Series



Features

This series of residential/commercial submersible grinder pumps features an innovative FM/CSA motor and electrical enclosure designed to reduce the risk of vapor ignition both inside and outside the pump motor in Class I, Division 1, Groups C and D environments. Should vapors inside the electrical enclosures become ignited, the enclosures are engineered to contain the event and prevent escalation. Each pump is constructed of hardware that will allow it to operate safely and efficiently in extreme conditions. As with every Zoeller pump, each one is 100% factory tested to ensure quality and reliability for years of trouble free performance! This attention to detail is an inherent feature of every pump in this series, making it one of the most reliable in the industry.

- Surface temperature code T5 (1 Ph) or T6 (3 Ph).
- Includes a stainless steel lifting bracket for easy installation and removal.
- All models are hermetically sealed to be watertight, dust-tight, and completely submersible.

Reserve Powered Design: For unusual conditions, a reserve safety factor is engineered into the design of every pump.

Specifications

Motor Characteristics

Motor	2 HP
Voltage	200 - 575 V
Phase	1 or 3 Ph
Hertz	60 Hz
RPM	3450 RPM
Type	Capacitor start / capacitor run or 3 phase
Insulation	Class F
Amps	4.5 - 20.0 Amps

Pump Characteristics

Operation	Nonautomatic
Discharge Size	1-1/4" NPT vertical
Cord Length	20' (6 m) standard
Cord Type	UL listed, SOOW
Max Head	125' (38.1 m)
Max Flow Rate	59 GPM (223 LPM)
Max Operating Temp	104 °F (40 °C)
Cooling	Oil filled
Motor Protection	Auto reset thermal overload (1 Ph) or thermal sensor (3 Ph)

Materials Characteristics

Cap	Cast iron
Motor Housing	Cast iron
Pump Housing	Cast iron
Base	Cast iron
Upper Bearing	Ball bearing
Lower Bearing	Ball bearing
Mechanical Seals	Carbon and ceramic with stainless steel parts
Impeller Type	Non-clogging vortex
Impeller	Bronze
Hardware	Stainless steel
Motor Shaft	416 stainless steel

60 Hz



NOT FOR USE IN ACIDIC, METHANOL, OR ETHYL ACETATE ATMOSPHERES.

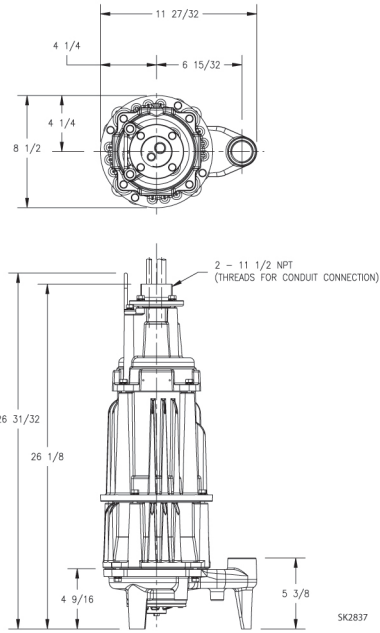
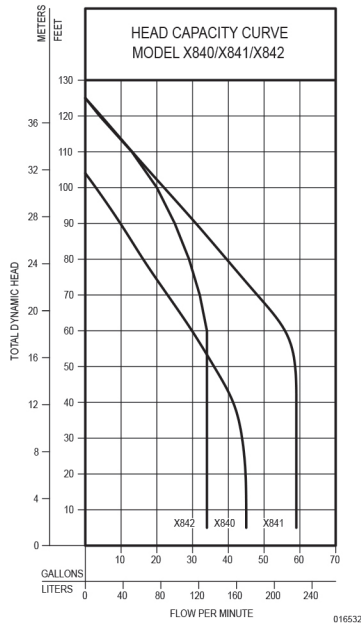


PUMP COMPANY

Zoeller Family of Water Solutions™

FM2600_Ea

X840 Series



Model

Model Number	Mode	Volts	Phase	Amps	HP	Hz	Lbs	Kg
IX840	Non	200	1	20.0	2	60	155	70
IX841	Non	200	1	20.0	2	60	155	70
IX842	Non	200	1	20.0	2	60	155	70
EX840	Non	230	1	17.2	2	60	155	70
EX841	Non	230	1	17.2	2	60	155	70
EX842	Non	230	1	17.2	2	60	155	70
JX840	Non	200	3	12.3	2	60	155	70
JX841	Non	200	3	12.3	2	60	155	70
JX842	Non	200	3	12.3	2	60	155	70
FX840	Non	230	3	10.8	2	60	155	70
FX841	Non	230	3	10.8	2	60	155	70
FX842	Non	230	3	10.8	2	60	155	70
GX840	Non	460	3	5.5	2	60	155	70
GX841	Non	460	3	5.5	2	60	155	70
GX842	Non	460	3	5.5	2	60	155	70
BAX840	Non	575	3	4.5	2	60	155	70
BAX841	Non	575	3	4.5	2	60	155	70
BAX842	Non	575	3	4.5	2	60	155	70

Model X840 is a reversible grinder pump, and models X841 and X842 are single-direction grinder pumps.

Your Peace of Mind is Our Top Priority®
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