

quality . service
innovation . integrity

X280 Series




"The color green
is a registered
trademark of
Zoeller Pump Co."



Features

This series of submersible pumps is designed for use in residential or commercial wastewater applications in Class I, Division 1, Group C and D locations. Each pump features an innovative FM/CSA approved motor and electrical enclosure that is designed to reduce the risk of vapor ignition both inside and outside the pump. 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!

- Automatic models are available with an optional seal failure panel (P/N 10-1031).
- Nonautomatic units require a Zoeller control panel with intrinsically safe relays and a moisture indicator.
- 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	1/2 - 1 HP
Voltage	115 - 575 V
Phase	1 or 3 Ph
Hertz	60 Hz
RPM	1750 RPM
Type	Permanent split capacitor or 3 Ph
Insulation	Class B
Amps	1.4 - 10.3 Amps

Pump Characteristics

Operation	Automatic or nonautomatic
Auto On/ Off Points	19-3/4" / 10" (50.2 cm / 25.4 cm)
Discharge Size	2" or 3" flange
Solids Handling	2" (50 mm) spherical solids
Cord Length	20' (6 m) standard
Cord Type	UL listed, 5-wire (1 Ph) or 8-wire (3 Ph) SOOW neoprene cord
Max Head	35' (10.7 m)
Max Flow Rate	179 GPM (678 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	Cast iron
Hardware	Stainless steel or brass
Motor Shaft	416 stainless steel

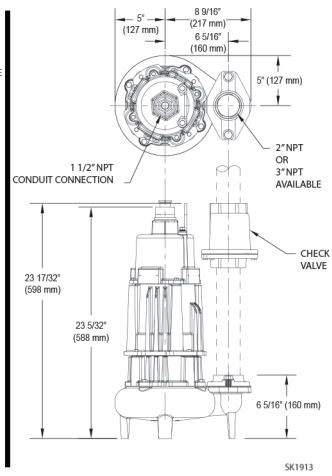
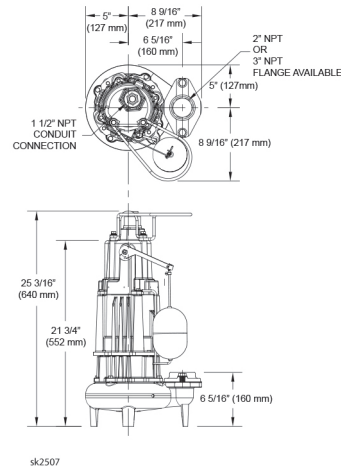
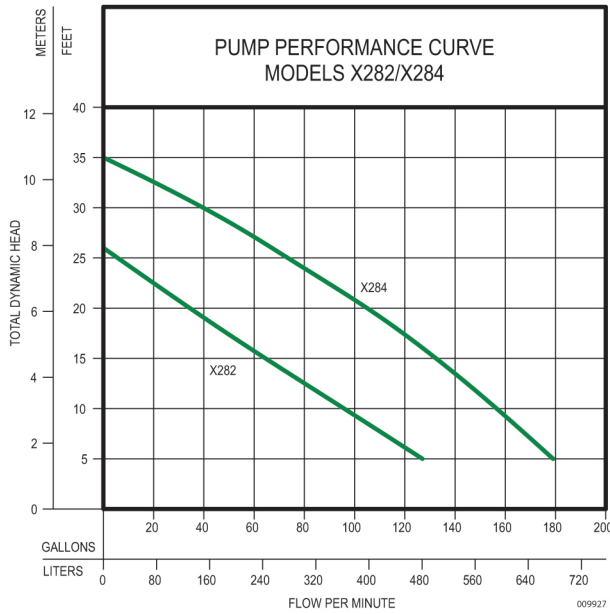


PUMP COMPANY

Zoeller Family of Water Solutions™

FM1739_Ea

X280 Series



Model

Model Number	Seal	Mode	Volts	Phase	Amps	HP	Hz	Lbs	Kg
MX282	Single	Auto	115	1	10.3	1/2	60	119	53
NX282	Single	Non	115	1	10.3	1/2	60	124	56
DX282	Single	Auto	230	1	5.0	1/2	60	119	53
EX282	Single	Non	230	1	5.0	1/2	60	124	56
*HX282	Single	Auto	200	1	6.1	1/2	60	119	53
*IX282	Single	Non	200	1	6.1	1/2	60	127	57
JX282	Single	Non	200	3	3.6	1/2	60	127	57
FX282	Single	Non	230	3	3.0	1/2	60	127	57
GX282	Single	Non	460	3	1.7	1/2	60	127	57
BAX282	Single	Non	575	3	1.4	1/2	60	127	57
DX284	Single	Auto	230	1	8.9	1	60	122	55
EX284	Single	Non	230	1	8.9	1	60	124	56
*HX284	Single	Non	200	1	9.3	1	60	122	55
*IX284	Single	Non	200	1	9.3	1	60	127	57
JX284	Single	Non	200	3	5.5	1	60	127	57
FX284	Single	Non	230	3	5.0	1	60	127	57
GX284	Single	Non	460	3	2.6	1	60	127	57
BAX284	Single	Non	575	3	2.2	1	60	127	57

*Not CSA certified.
Additional cord length are available in 25' (8 m), 35' (11 m) and 50' (15 m).
Automatic units Patent No. 8,535,014

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