

quality . service
innovation . integrity

400 Series



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

Features

The "Waste-Mate" series of submersible pumps is designed for use in residential or commercial dewatering and wastewater applications and can be used to transfer large volumes of water from parking lots, flooded areas and unscreened raw sewage. The innovative vortex impeller design reduces the risk of clogging and allows each pump to pass 3" (76 mm) spherical solids. Constructed of non-corrodible hardware, these durable cast iron pumps include a powder coated epoxy finish to prevent corrosion. Every pump is designed to provide heat dissipation from the motor for longer life and lower life cycle cost. As with every Zoeller pump, each one is 100% pressure-tested, submerged and run to ensure quality and reliability for years of trouble-free performance!

- For nonautomatic units, variable level control systems and containers of various sizes are available for long cycles.
- Double seal models improve bearing lubrication and aid in the prevention of leaks and damage to seals or bearings during dry run conditions.
- Includes a stainless steel handle 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 or 3 HP
Voltage	200 - 575 V
Phase	1 or 3 Ph
Hertz	60 Hz
RPM	1725 RPM
Type	Permanent split capacitor or 3 phase
Insulation	Class B
Amps	4.1 - 20.2 Amps

Pump Characteristics

Operation	Automatic and nonautomatic
Discharge Size	4" horizontal ANSI flange
Solids Handling	3" (76 mm) spherical solids
Cord Length	20' (6 m) standard
Cord Type	UL listed, 3-wire neoprene cord and plug
Max Head	38' (11.6 m)
Max Flow Rate	361 GPM (1367 LPM)
Max Operating Temp	130 °F (54 °C)
Cooling	Oil filled
Motor Protection	Auto reset thermal overload (1 Ph)

Materials Characteristics

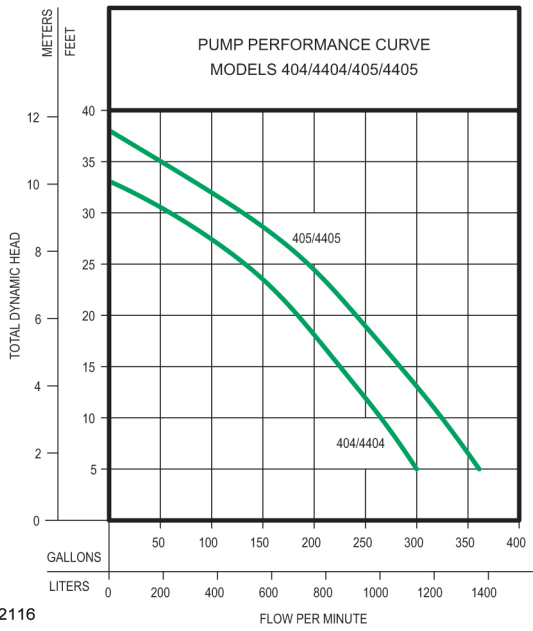
Cap	Cast iron
Motor Housing	Cast iron
Pump Housing	Cast iron
Base	Cast iron
Upper Bearing	Ball bearing
Lower Bearing	Ball bearing
Mechanical Seals	Carbon and ceramic
Impeller Type	Non-clogging vortex
Impeller	Cast iron
Hardware	Stainless steel
Motor Shaft	1117 carbon steel or 416 stainless steel*
Gasket	Neoprene



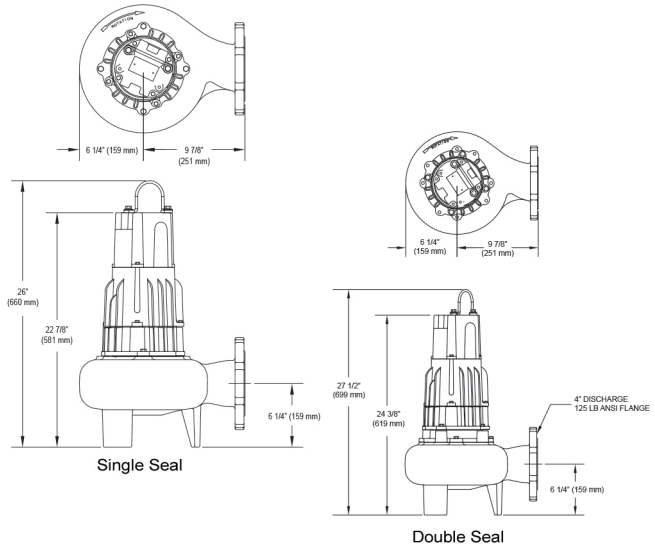
PUMP COMPANY

Zoeller Family of Water Solutions™

400 Series



012116



SK1788/SK1787

Model

Model Number	Seal	Mode	Volts	Phase	Amps	HP	Hz	Lbs	Kg
E404	Single	Non	230	1	12.9	2	60	136	61
E4404	Double	Non	230	1	12.9	2	60	147	66
WD404	Single	Auto	230	1	12.9	2	60	139	63
WD4404	Double	Auto	230	1	12.9	2	60	150	68
I404	Single	Non	200	1	14.4	2	60	136	61
I4404	Double	Non	200	1	14.4	2	60	147	66
J404	Single	Non	200	3	13.8	2	60	136	61
J4404	Double	Non	200	3	13.8	2	60	147	66
F404	Single	Non	230	3	10.5	2	60	136	61
F4404	Double	Non	230	3	10.5	2	60	147	66
G404	Single	Non	460	3	5.2	2	60	136	61
G4404	Double	Non	460	3	5.2	2	60	147	66
BA404	Single	Non	575	3	4.1	2	60	136	61
BA4404	Double	Non	575	3	4.1	2	60	147	66
E405	Single	Non	230	1	19.0	3	60	136	61
E4405	Double	Non	230	1	19.0	3	60	147	66
WD405	Single	Auto	230	1	19.0	3	60	139	63
WD4405	Double	Auto	230	1	19.0	3	60	150	68
I405	Single	Non	200	1	20.2	3	60	136	61
I4405	Double	Non	200	1	20.2	3	60	145	65
J405	Single	Non	200	3	14.8	3	60	136	61
J4405	Double	Non	200	3	14.8	3	60	147	66
F405	Single	Non	230	3	12.2	3	60	136	61
F4405	Double	Non	230	3	12.2	3	60	147	66
G405	Single	Non	460	3	6.1	3	60	136	61
G4405	Double	Non	460	3	6.1	3	60	147	66
BA405	Single	Non	575	3	4.8	3	60	136	61
BA4405	Double	Non	575	3	4.8	3	60	146	66

*Single seal models are built with a carbon steel motor shaft, and double seal models are built with a stainless steel motor shaft. Additional cord lengths are available in 25' (8 m), 35' (11 m) and 50' (15 m).

Your Peace of Mind is Our Top Priority®
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