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SECTION: Z3.20.110  
ZM1794  
0519  
Supersedes  
1017

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## X6280 & X6290 HAZARDOUS LOCATION SERIES

CLASS I, DIVISION 1, GROUPS C & D

CLASS I, ZONE 1, GROUPS IIA & IIB

TECHNICAL DATA

*Commercial Duty Sewage*

*1/2 - 2 HP / 2" (50 mm) Solids*



MODEL NUMBER:	<input type="checkbox"/> X6282	<input type="checkbox"/> X6284	<input type="checkbox"/> X6292	<input type="checkbox"/> X6293	<input type="checkbox"/> X6294	<input type="checkbox"/> X6295
PUMP NAME PLATE HORSEPOWER: HP	1/2	1	1/2	1	1-1/2	2
MOTOR RPM:	1750	1750	3450	3450	3450	3450
IMPELLER:	CAST IRON VORTEX	CAST IRON VORTEX	CAST IRON VORTEX			
			OPTIONAL <input type="checkbox"/> BRONZE VORTEX			
DISCHARGE SIZE:	<input type="checkbox"/> 2" NPT VERTICAL DISCHARGE			<input type="checkbox"/> 3" NPT VERTICAL DISCHARGE		

PUMP NET WEIGHT: lbs. (kg)	129 lbs. (58.5kg)	SERVICE FACTOR:	1.15
SOLID SIZE: in (mm)	2" (50 mm)	TANDEM SEALS:	STANDARD
MOTOR DESIGN LETTER:	NEMA B	SQUARE RING SEALS:	VITON
CORD LENGTH: ft (m)	25' (7.6 m) <input type="checkbox"/> _____'	MOTOR SHAFT:	416 SS
SENSOR CORD LENGTH:	INCLUDED W/POWER CORD	STATOR AND LEAD WIRES INSULATION:	X6284 - X6293 CLASS B
MOTOR TYPE CSA APPROVED:	Class I, Division 1, Groups C & D Class I, Zone 1, Groups IIA & IIB		X6294 - X6295 CLASS F
	SUBMERSIBLE	MAXIMUM STATOR TEMPERATURE:	CLASS B 266 °F (130 °C)
CLASS F 311 °F (155 °C)			
SURFACE TEMPERATURE CODE:	T5 (1PH) T6 (3PH)		

SHAFT SEAL CONSTRUCTION:	STANDARD	SILICON CARBIDE/CARBON LOWER, CARBON/CERAMIC UPPER
	OPTIONAL UPPER	<input type="checkbox"/> CARBON/SILICON CARBIDE <input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE
	OPTIONAL LOWER	<input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE
STANDARD SENSING DEVICES*	MOTOR THERMAL SHUTOFF	INTEGRAL OVERLOAD WITH AUTOMATIC RESET - 1 PHASE
		THERMAL SENSOR WITH LEAD WIRES - 3 PHASE
	MOISTURE DETECTION	MOISTURE SENSING PROBES WITH LEAD WIRES
MINIMUM FLUID LEVEL FOR CONTINUOUS OPERATIONS: in (m)	24" (0.6 m)	
MAXIMUM WATER TEMPERATURE:	104 °F (40 °C)	

\*Requires a circuit in control panel to function.

MODEL	HP	<input type="checkbox"/> 115V/1PHASE	<input type="checkbox"/> 200V/1PHASE	<input type="checkbox"/> 230V/1PHASE	<input type="checkbox"/> 200V/3PHASE	<input type="checkbox"/> 230V/3PHASE	<input type="checkbox"/> 460V/3PHASE	<input type="checkbox"/> 575V/3PHASE
		FLA	FLA	FLA	FLA	FLA	FLA	FLA
X6282	1/2	10.3	6.1	5.0	3.6	3.0	1.7	1.4
X6284	1	N/A	9.3	8.9	5.5	5.0	2.6	2.2
X6292	1/2	15.0	8.8	7.5	6.4	5.2	2.9	2.4
X6293	1	N/A	12.0	10.2	8.2	7.6	4.0	3.3
X6294	1-1/2	N/A	17.8	13.7	10.8	9.5	4.8	3.8
X6295	2	N/A	20.5	17.1	14.3	12.2	6.1	4.9



# X6400 HAZARDOUS LOCATION SERIES

CLASS I, DIVISION 1, GROUPS C & D

CLASS I, ZONE 1, GROUPS IIA & IIB

## TECHNICAL DATA

*Commercial Duty Sewage*

*2 - 3 HP / 3" (76 mm) Solids*



MODEL NUMBER:	<input type="checkbox"/> X6404	<input type="checkbox"/> X6405
PUMP NAME PLATE HORSEPOWER: HP	2.0	3.0
DISCHARGE SIZE:	4" FLANGED HORIZONTAL	
IMPELLER:	CAST IRON VORTEX	

PUMP NET WEIGHT: lbs. (kg)	176 lbs. (80.7 kg)	SERVICE FACTOR:	1.15
SOLID SIZE: in (mm)	3" (76 mm)	TANDEM SEALS:	STANDARD
MOTOR DESIGN LETTER:	NEMA B	FLANGE:	4" FLANGED HORIZONTAL
CORD LENGTH: ft (m)	25' (7.6 m) <input type="checkbox"/> _____'	SQUARE RING SEALS:	VITON
SENSOR CORD LENGTH:	INCLUDED W/POWER CORD	MOTOR SHAFT:	416 SS
RPM:	1750	STATOR & LEAD WIRES INSULATION:	CLASS B W/600V LEADS
MOTOR TYPE CSA APPROVED:	Class I, Division 1, Groups C & D Class I, Zone 1, Groups IIA & IIB	MAXIMUM STATOR TEMPERATURE:	266 °F (130 °C)
	SUBMERSIBLE	SURFACE TEMPERATURE CODE:	T5 (1PH) T6 (3PH)

SHAFT SEAL CONSTRUCTION:	STANDARD	SILICON CARBIDE/CARBON LOWER, CARBON/CERAMIC UPPER
	OPTIONAL UPPER	<input type="checkbox"/> CARBON/SILICON CARBIDE <input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE
	OPTIONAL LOWER	<input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE
STANDARD SENSING DEVICES*	MOTOR THERMAL SHUTOFF	INTEGRAL OVERLOAD WITH AUTOMATIC RESET - 1 PHASE THERMAL SENSOR WITH LEAD WIRES - 3 PHASE
	MOISTURE DETECTION	MOISTURE SENSING PROBES WITH LEAD WIRES
MINIMUM FLUID LEVEL FOR CONTINUOUS OPERATIONS: in (m)	27" (0.7 m)	
MAXIMUM WATER TEMPERATURE:	104 °F (40 °C)	

\*Requires a circuit in control panel to function.

MODEL	HP	<input type="checkbox"/> 200V / 1 PHASE	<input type="checkbox"/> 230V / 1 PHASE	<input type="checkbox"/> 200V / 3 PHASE	<input type="checkbox"/> 230V / 3 PHASE	<input type="checkbox"/> 460V / 3 PHASE	<input type="checkbox"/> 575V / 3 PHASE
		FLA	FLA	FLA	FLA	FLA	FLA
X6404	2.0	14.4	12.9	13.8	10.5	5.2	4.1
X6405	3.0	20.2	19.0	14.8	12.2	6.1	4.8

## RESERVE POWERED DESIGN

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

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SWPA Data Categories Presented -- Data on this sheet supply design information as the minimum recommended by the Submersible Wastewater Pump Association and is defined in accordance with SWPA's Standardized Definitions for Pump and Motor Characteristics. The accuracy of the data is the responsibility of Zoeller Engineered Products.