

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
 SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961
 Tel: (502) 778-2731 • 1 (800) 928-PUMP

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 zoellerengineered.com

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



X61 HD HAZARDOUS LOCATION SERIES

TECHNICAL DATA

CLASS I, DIVISION 1, GROUPS C & D

CLASS I, ZONE 1, GROUPS IIA & IIB

5, 7.5 & 10 HP / 3450 RPM



MODEL NUMBER:	☐ X6111	☐ X6112	☐ X6113
PUMP NAME PLATE HORSEPOWER: BHP	5	7.5	10.0
SERVICE FACTOR:	1.2	1.2	1.0
NEC LOCKED ROTOR CODE:	E	D	B
MAXIMUM KW INPUT:	5.3	7.8	10.5
3 PHASE IMPELLER DIA.: in (mm) STANDARD	4-3/8" (111 mm)	4-3/4" (121 mm)	5-1/8" (130 mm)
DISCHARGE SIZE:	☐ 3" NPT Vertical ☐ 3" Horizontal Flange ☐ 4" Horizontal Flange		

SOLID SIZE: in (mm)	2-1/2"(64 mm)	TANDEM SEALS:	Standard
IMPELLER TYPE:	Bronze Semi-open OPTIONAL ☐ Ductile iron Vortex	MOTOR DESIGN LETTER:	NEMA B
FLANGE:	ANSI B16.1	POWER & SENSOR CORD LENGTH: ft (m)	25' (7.6 m)
PUMP NET WEIGHT: lbs. (kg)	245 lbs. (111kg)	OPTIONAL CORD LENGTH:	☐ 50' (15.2 m) ☐ _____'
MOTOR SHAFT	416 SS	POWER/SENSOR CORD:	#12-4 SOOW* /#18-5 SOOW**
RPM:	3450	STATOR & LEAD WIRES INSULATION:	Class F
MOTOR TYPE:	Submersible Explosion Proof	MAXIMUM STATOR TEMPERATURE:	311 °F (155 °C)

SHAFT SEAL CONSTRUCTION:	STANDARD	UPPER - CARBON CERAMIC LOWER - SILICON CARBIDE/SILICON CARBIDE
	OPTIONAL UPPER	☐ SILICON CARBIDE/SILICON CARBIDE ☐ SILICON CARBIDE/SILICON CARBIDE VITON
	OPTIONAL LOWER	☐ SILICON CARBIDE/SILICON CARBIDE VITON
O-RING ELASTOMERS	STANDARD	BUNA-N
	OPTIONAL	☐ VITON
SENSING DEVICES**	MOTOR THERMAL SHUTOFF	THERMAL SENSORS WITH AUTOMATIC RESET
	MOISTURE DETECTION	MOISTURE SENSING PROBES
IMPELLER TRIM:	OPTIONAL	☐ DESIGN POINT: ____ GPM @ ____' TDH, IMPELLER DIA. ____"
RECOMMENDED FLUID LEVEL FOR CONTINUOUS OPERATION: in (m)		24" (0.6 m) (FOR CONTINUOUS DUTY, REFER TO WARRANTY)
MAXIMUM WATER TEMPERATURE FOR CONTINUOUS OPERATION:		104 °F (40 °C)

* Units with FLA ratings greater than 20 amps use a #8-4 gauge power cord.

** Requires a circuit in control panel to function.

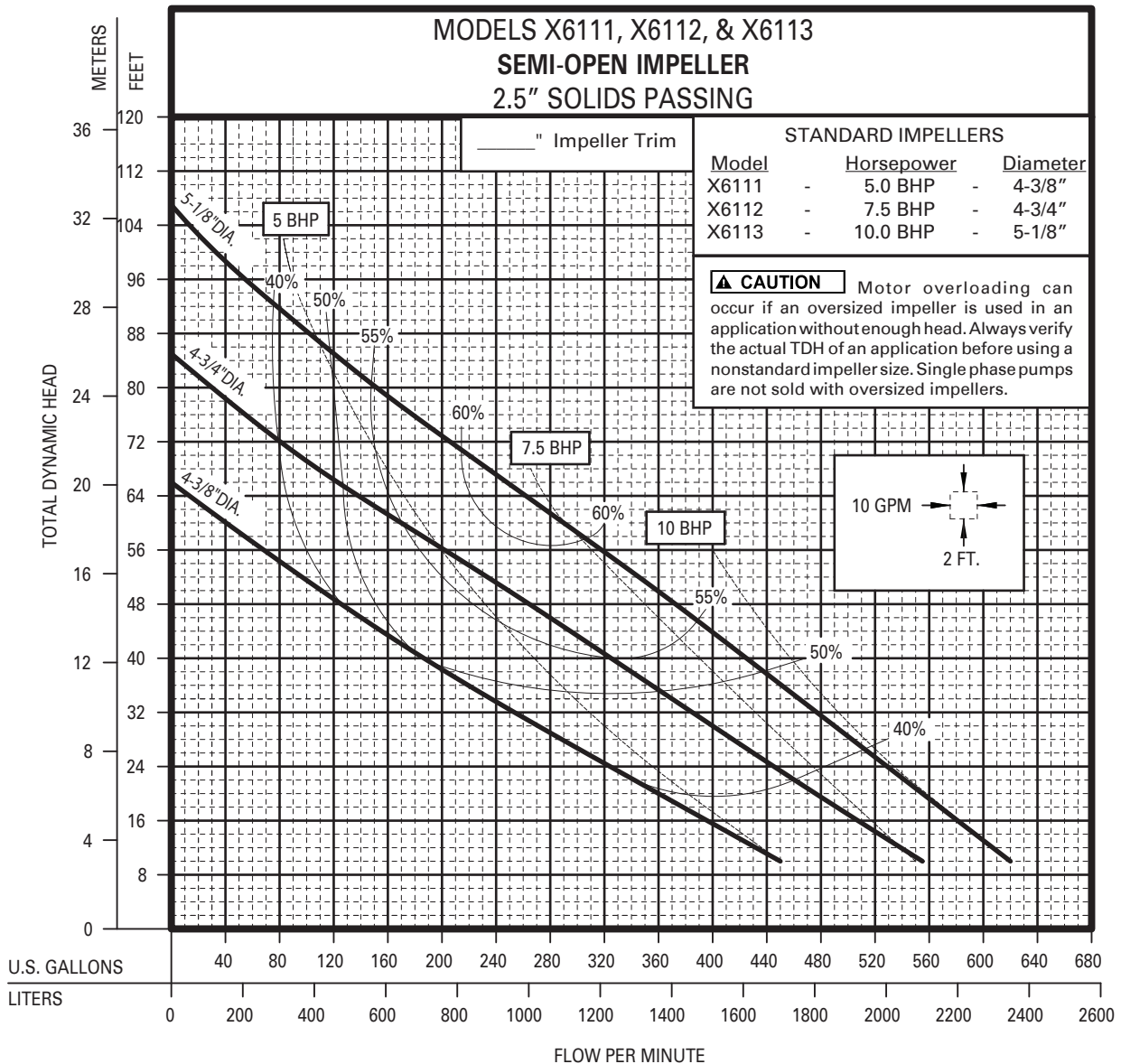
MODEL	BHP	SERVICE FACTOR	☐ 230V / 1 PH		☐ 200V / 3 PH		☐ 230V / 3 PH		☐ 460V / 3 PH	
			FLA	LRA	FLA	LRA	FLA	LRA	FLA	LRA
6111	5.0	1.2	28.0	132.0	--	--	--	--	--	--
6112	7.5	1.2	--	--	25.3	94.0	22.0	82.0	11.0	41.0
6113	10.0	1.0	--	--	32.2	94.0	28.0	82.0	14.0	41.0



SEMI-OPEN IMPELLER

PERFORMANCE DATA

3" Vertical, Horizontal & 4" Horizontal Discharge
2-1/2" Solids Passing Capacity



A00521X

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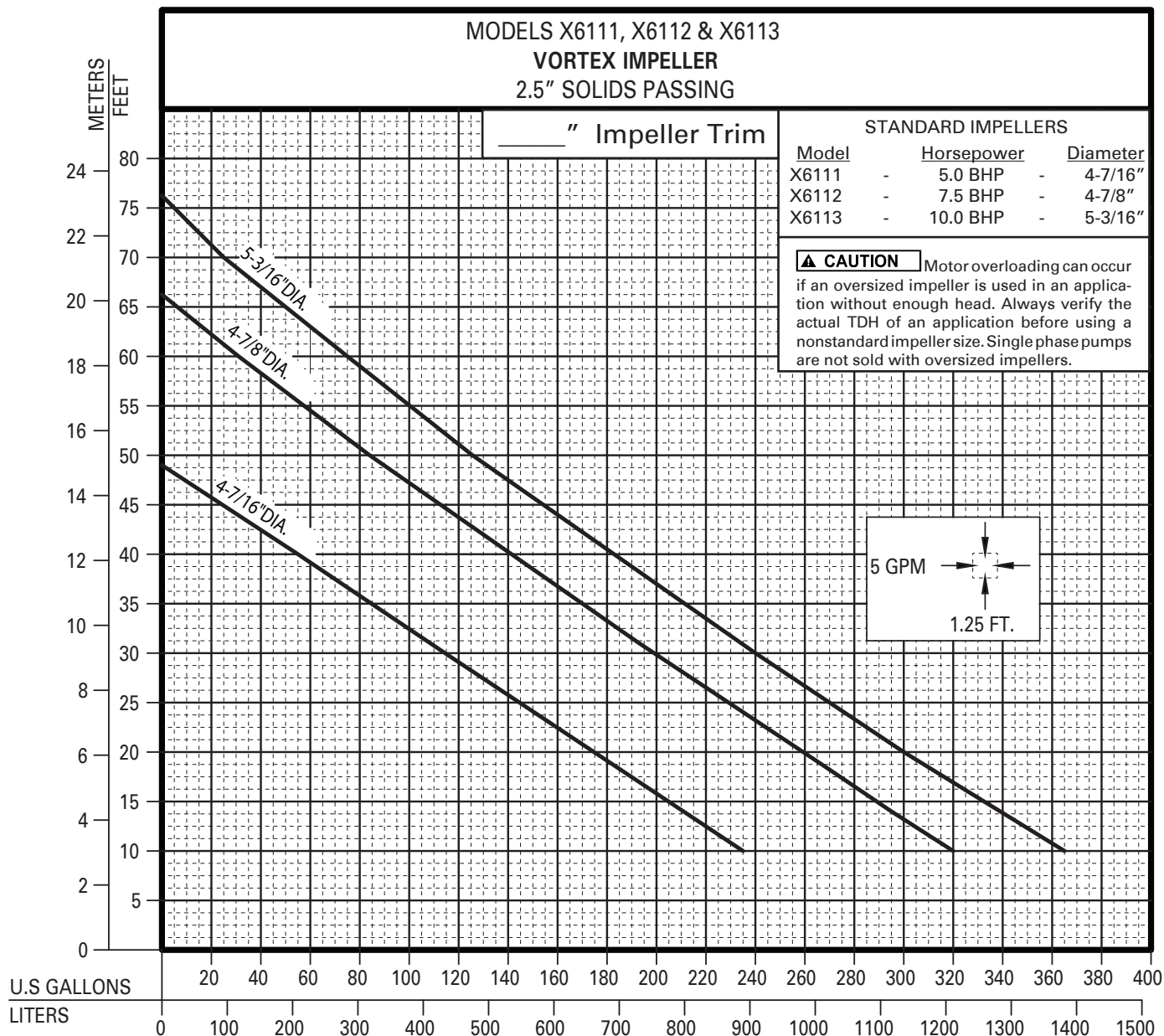
SWPA Data Categories Presented -- Data on this sheet supply design information as the minimum recommended by the Submersible Wastewater Pump Association and is defined in accordance with SWPA's Standardized Definitions for Pump and Motor Characteristics. The accuracy of the data is the responsibility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

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VORTEX IMPELLER

PERFORMANCE DATA

3" Vertical, Horizontal & 4" Horizontal Discharge
2-1/2" Solids Passing Capacity



RESERVE POWERED DESIGN

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

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