

Trusted. Tested. Tough.®

Patent No.  
6,364,620



SECTION: Z2.10.200  
ZM1752  
0326  
Supersedes  
0524

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

Visit our website:  
zoellerengineered.com

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



## 61 HD SERIES TECHNICAL DATA 5, 7.5 & 10 BHP / 3450 RPM



<b>MODEL NUMBER:</b>	<input type="checkbox"/> 6111	<input type="checkbox"/> 6112	<input type="checkbox"/> 6113
<b>PUMP NAME PLATE HORSEPOWER: BHP</b>	5	7.5	10.0
<b>SERVICE FACTOR:</b>	1.2	1.2	1.0
<b>NEC LOCKED ROTOR CODE:</b>	E	D	B
<b>MAXIMUM KW INPUT:</b>	5.3	7.8	10.5
<b>3 PHASE IMPELLER DIA.: in (mm) STANDARD</b>	4-3/8" (111 mm)	4-3/4" (121 mm)	5-1/8" (130 mm)
<b>DISCHARGE SIZE:</b>	<input type="checkbox"/> 3" NPT Vertical <input type="checkbox"/> 3" Horizontal Flange <input type="checkbox"/> 4" Horizontal Flange		

<b>SOLID SIZE: in (mm)</b>	2-1/2"(64 mm)	<b>TANDEM SEALS:</b>	STANDARD
<b>IMPELLER TYPE:</b>	BRONZE SEMI-OPEN OPTIONAL <input type="checkbox"/> DUCTILE IRON VORTEX	<b>MOTOR DESIGN LETTER:</b>	NEMA B
<b>FLANGE:</b>	ANSI B16.1	<b>POWER CORD LENGTH: FT (M)</b>	25' (7.6 m) <input type="checkbox"/>
<b>PUMP NET WEIGHT: lbs. (kg)</b>	245 lbs. (111kg)	<b>POWER CORD:</b>	#8-4 SOOW*
<b>MOTOR SHAFT</b>	416 SS	<b>STATOR &amp; LEAD WIRES INSULATION:</b>	CLASS F
<b>RPM:</b>	3450	<b>MAXIMUM STATOR TEMPERATURE:</b>	311 °F (155 °C)
<b>MOTOR TYPE:</b>	STANDARD SUBMERSIBLE		

<b>SHAFT SEAL CONSTRUCTION:</b>	<b>STANDARD</b>	UPPER - CARBON CERAMIC LOWER - SILICON CARBIDE/SILICON CARBIDE
	<b>OPTIONAL UPPER</b>	<input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE <input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE VITON
	<b>OPTIONAL LOWER</b>	<input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE VITON
<b>O-RING ELASTOMERS</b>	<b>STANDARD</b>	BUNA-N
	<b>OPTIONAL</b>	<input type="checkbox"/> VITON
<b>STANDARD SENSING DEVICES** w/ #18-5 SOOW CORD</b>	<b>MOTOR THERMAL SHUTOFF</b>	THERMAL SENSORS WITH AUTOMATIC RESET
	<b>MOISTURE DETECTION</b>	MOISTURE SENSING PROBES
<b>IMPELLER TRIM:</b>	<b>OPTIONAL</b>	<input type="checkbox"/> DESIGN POINT: ____ GPM @ ____' TDH, IMPELLER DIA. ____"
<b>RECOMMENDED FLUID LEVEL FOR CONTINUOUS OPERATIONS: in (m)</b>		24" (0.6m)(FOR CONTINUOUS DUTY, REFER TO WARRANTY)
<b>MAXIMUM WATER TEMPERATURE FOR CONTINUOUS OPERATION:</b>		104 °F (40 °C)

\* Model 6111 - 3 Phase uses #12-4 gauge power cord.

\*\* Requires a circuit in control panel to function.

MODEL	BHP	SERVICE FACTOR	<input type="checkbox"/> 230V / 1 PHASE		<input type="checkbox"/> 200V / 3 PHASE		<input type="checkbox"/> 230V / 3 PHASE		<input type="checkbox"/> 460V / 3 PHASE	
			FLA	LRA	FLA	LRA	FLA	LRA	FLA	LRA
6111	5.0	1.2	28.0	132.0	17.5	66.0	15.2	57.0	7.6	28.5
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



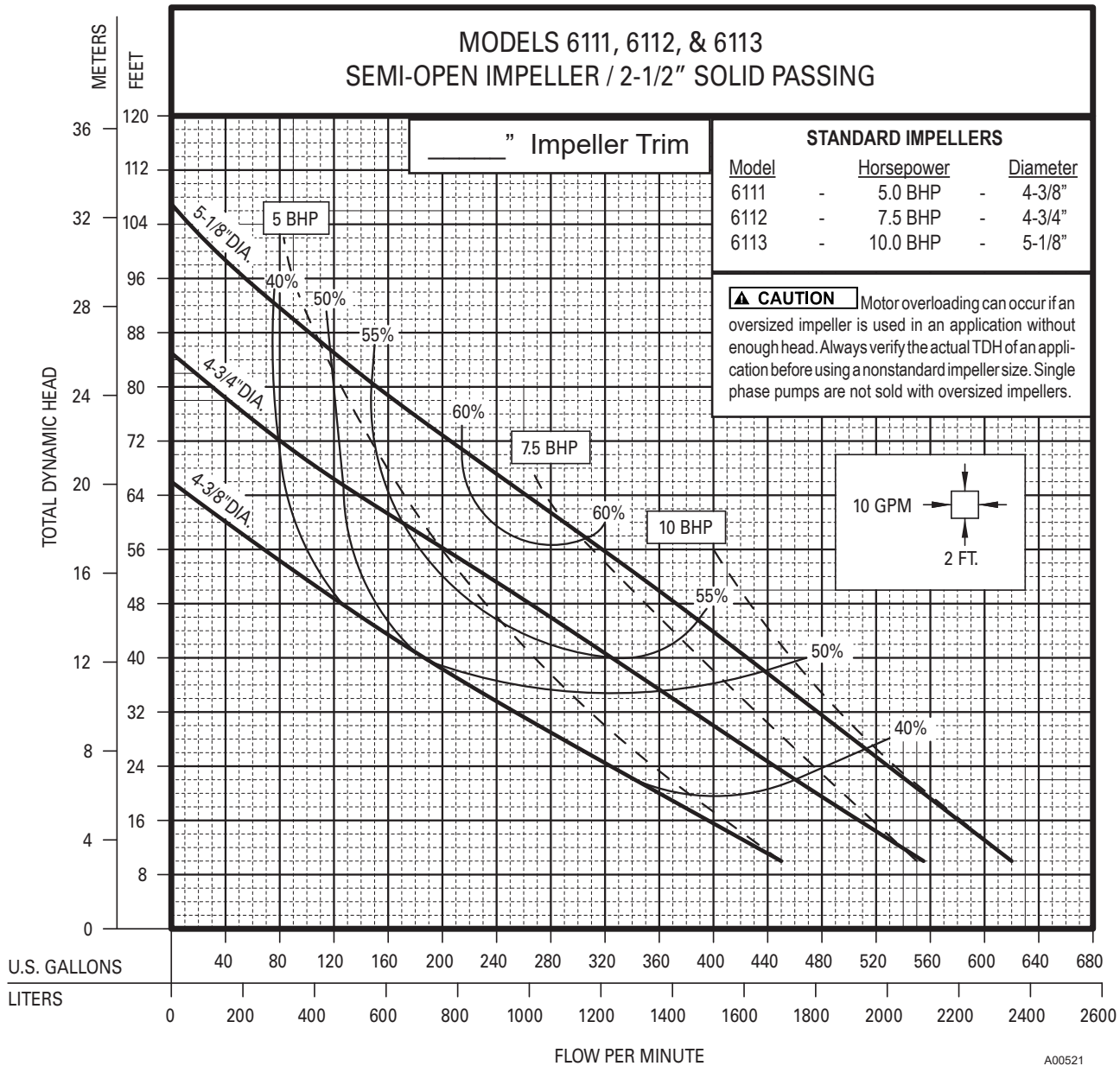
# 61 HD SERIES

## PERFORMANCE DATA

### 3" VERTICAL, 3" HORIZONTAL & 4" HORIZONTAL DISCHARGE

#### Semi-Open Impeller 2-1/2" Solids

#### 3450 RPM



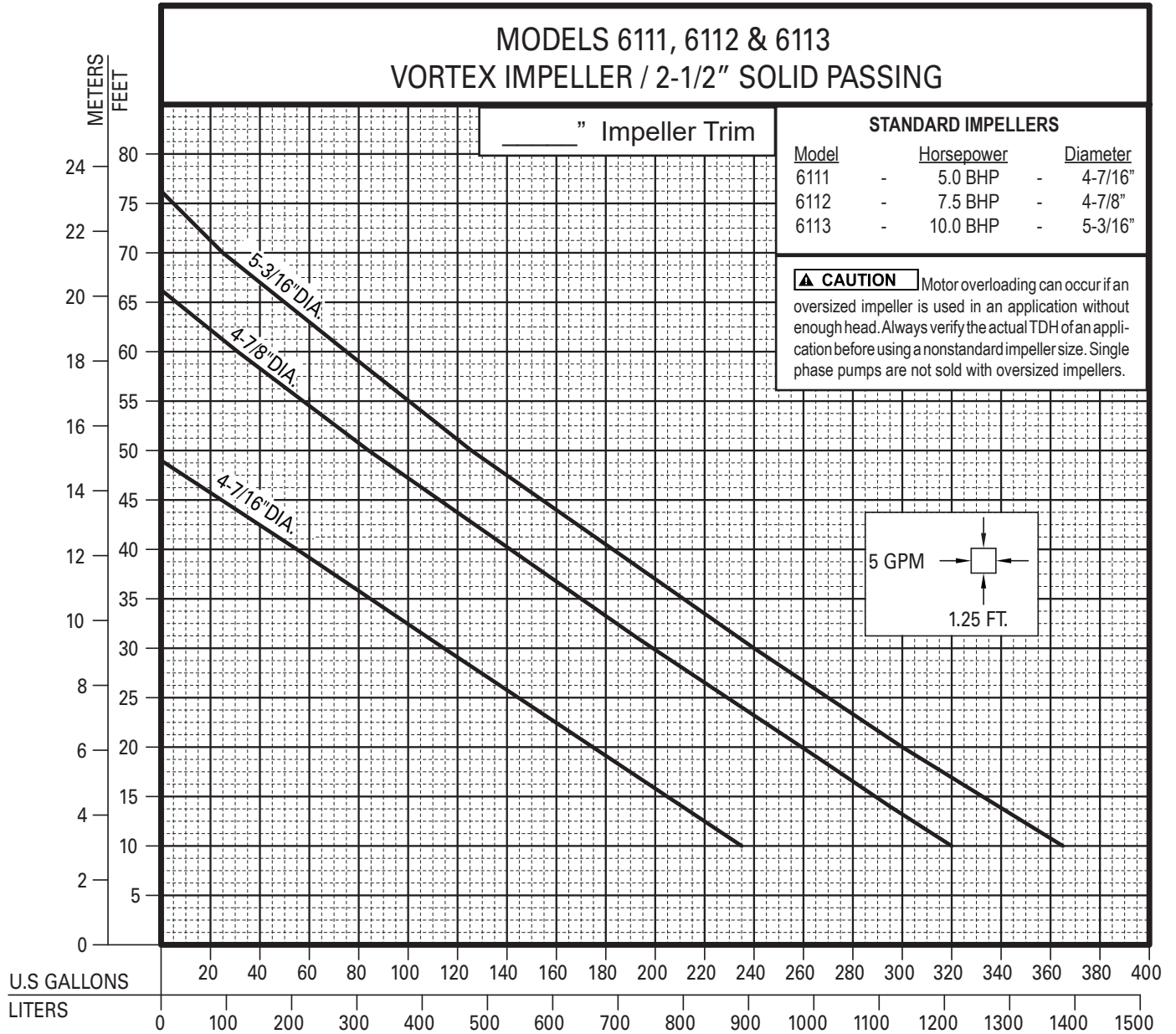


# 61 HD SERIES

## PERFORMANCE DATA

### 3" VERTICAL, 3" HORIZONTAL & 4" HORIZONTAL DISCHARGE

#### Vortex Impeller 2-1/2" Solids 3450 RPM



---

**Zoeller Engineered Products • 3649 Cane Run Road • Louisville, Kentucky 40211-1961 • (502) 778-2731**

*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.*

© Copyright 2026 Zoeller Co. All rights reserved.