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SECTION: Z5.40.200

ZM2440

0823

Supersedes

0423

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

## X62 HD HAZARDOUS LOCATION SERIES

CLASS I, DIVISION 1, GROUPS C & D

CLASS I, ZONE 1, GROUPS IIA & IIB

TECHNICAL DATA

5 - 20 BHP

4" & 6" Flanged Discharge Units



MODEL NUMBER:	<input type="checkbox"/> X6220	<input type="checkbox"/> X6221	<input type="checkbox"/> X6222	<input type="checkbox"/> X6223	<input type="checkbox"/> X6224
PUMP NAME PLATE HORSEPOWER: BHP	5.0	7.5	10.0	15.0	20.0
NEC LOCKED ROTOR CODE:	D	F	C	E	B
MAXIMUM KW INPUT:	5.2	7.8	9.8	13.5	16.8
IMPELLER DIAMETERS: in (mm) STANDARD	6-7/8" (175 mm)	7-3/8" (187 mm)	7-3/4" (197 mm)	8-5/8" (219 mm)	9-1/2" (241 mm)
DISCHARGE SIZE:	<input type="checkbox"/> 4" FLANGED HORIZONTAL or <input type="checkbox"/> 6" FLANGED HORIZONTAL				
	<input type="checkbox"/> Standard Hydraulic Design - REF- Page 2 <input type="checkbox"/> High Headed Hydraulic Design (4" discharge only) - REF- Page 3 <input type="checkbox"/> Vortex Hydraulic Design- REF- Page 4				

SOLID SIZE: in (mm)	3" (75 mm)	TANDEM SEALS:	STANDARD		
IMPELLER TYPE:	DUCTILE IRON SEMI-OPEN	MOTOR DESIGN LETTER:	NEMA B		
	OPTIONAL: <input type="checkbox"/> DUCTILE IRON VORTEX	CORD LENGTH: ft (m)	25' (7.6) <input type="checkbox"/> 50' (15.2)		
FLANGE:	ANSI B16.1	SENSOR CORD SIZE:	#18 - 5		
PUMP NET WEIGHT: lbs. (kg)	420 lbs. (191 kg)	POWER CORD SIZE:	#12-4	#8-4	#4-4
MOTOR SHAFT:	416 SS	AMPS:	< 20	< 36.7	> 36.7
RPM:	1750	STATOR & LEAD WIRES INSULATION:	CLASS F		
MOTOR TYPE	EXPLOSION PROOF SUBMERSIBLE	MAXIMUM STATOR TEMPERATURE:	311 °F (155 °C)		
	<input type="checkbox"/> ** INVERTER DUTY SUBMERSIBLE (5-15 BHP Only)				

SHAFT SEAL CONSTRUCTION:	STANDARD	UPPER - CARBON CERAMIC LOWER - SILICON CARBIDE/SILICON CARBIDE
	OPTIONAL UPPER	<input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE <input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE VITON
	OPTIONAL LOWER	<input type="checkbox"/> SILICON CARBIDE/SILICON CARBIDE VITON
O-RING ELASTOMERS	STANDARD	BUNA-N OPTIONAL: <input type="checkbox"/> VITON
	OPTIONAL	<input type="checkbox"/> VITON
STANDARD SENSING DEVICES*	MOTOR THERMAL SHUTOFF	THERMAL SENSORS WITH AUTOMATIC RESET
	MOISTURE DETECTION	MOISTURE SENSING PROBES
IMPELLER TRIM:	<input type="checkbox"/> OPTIONAL	DESIGN POINT: _____ GPM @ _____' TDH, IMPELLER DIA. _____"
RECOMMENDED FLUID LEVEL FOR CONTINUOUS OPERATIONS: in (m)		24" (0.6 m) (For Continuous Duty, Refer to Warranty)
MAXIMUM WATER TEMPERATURE:		104 °F (40 °C)

\* Requires a circuit in control panel to function.

\*\*NEMA MG-1 Part 30, cCSAus Certified with VPWM type inverter- 30-60 Hz Max

MODEL	BHP	SERVICE FACTOR	<input type="checkbox"/> 230V / 1 PH		<input type="checkbox"/> 200V / 3 PH		<input type="checkbox"/> 230V / 3 PH		<input type="checkbox"/> 460V / 3 PH		<input type="checkbox"/> 575V / 3 PH	
			FLA	LRA	FLA	LRA	FLA	LRA	FLA	LRA	FLA	LRA
X6220	5.0	1.2	27.5	91	17.5	61.9	15.2	53.8	7.6	26.9	6.1	21.8
X6221	7.5	1.2	36.7	137	25.0	109	22.0	95	11.0	47.5	9.0	37.8
X6222	10.0	1.2	N/A	N/A	32.0	109	28.0	95	14.0	47.5	11.0	37.8
X6223	15.0	1.2	N/A	N/A	48.3	197	41.7	172	20.9	86.0	16.4	70.0
X6224	20.0	1.0	N/A	N/A	59.4	197	54.0	172	27.0	86.0	22.0	70.0



# SEMI-OPEN IMPELLER

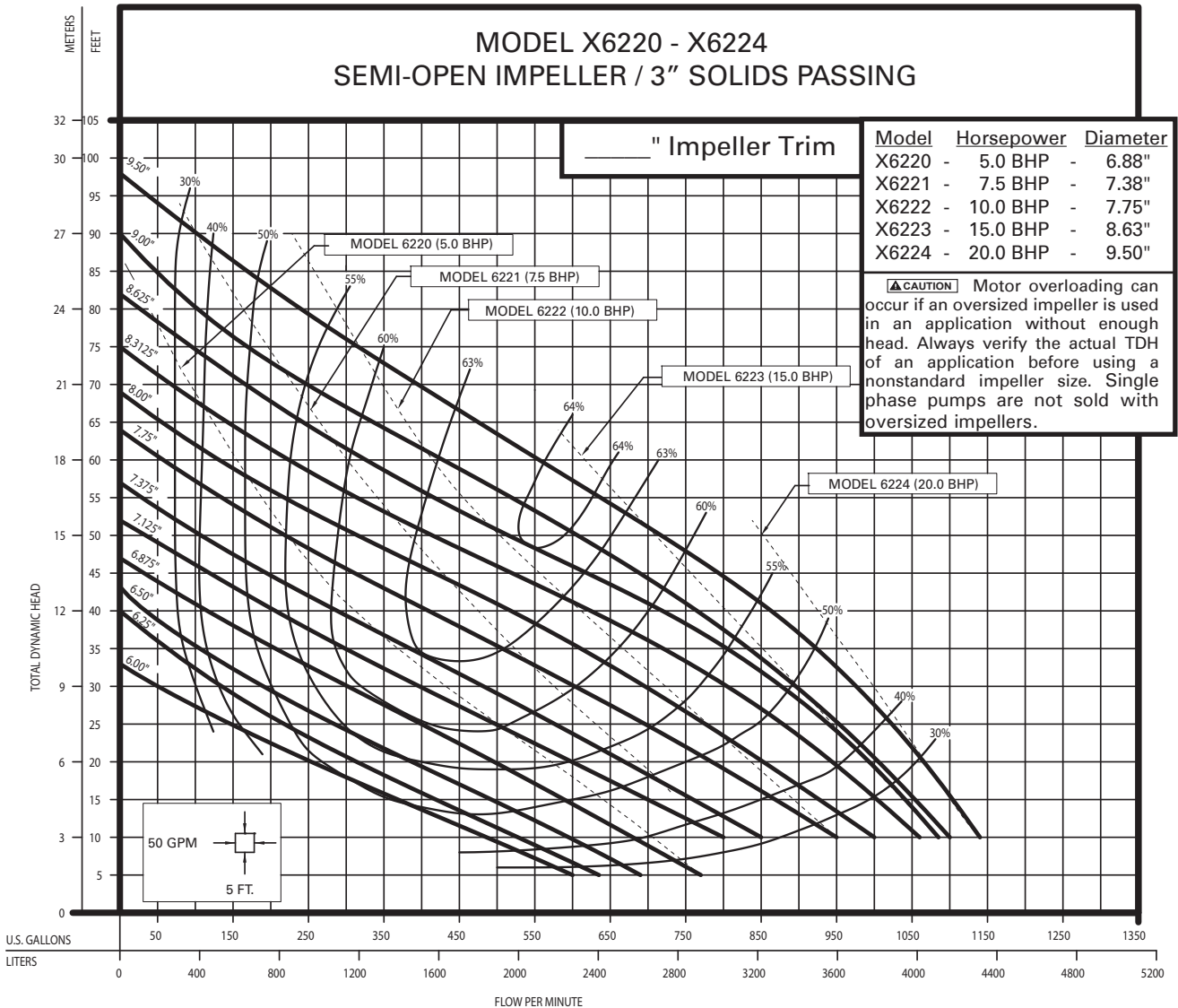
## PERFORMANCE DATA

### 5 - 20 BHP

### 4" & 6" FLANGED DISCHARGE 3" SOLIDS HANDLING



Certified to CSA Standard C22.2 No. 145
   
 Tested to FM Standard 3600 & 3615



A00618X



"SWPA Data Categories Presented -- Data on this sheet supply design information as the minimum recommended by the Submersible Wastewater Pump Association (SWPA) 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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# HIGH HEAD SEMI-OPEN IMPELLER

PERFORMANCE DATA

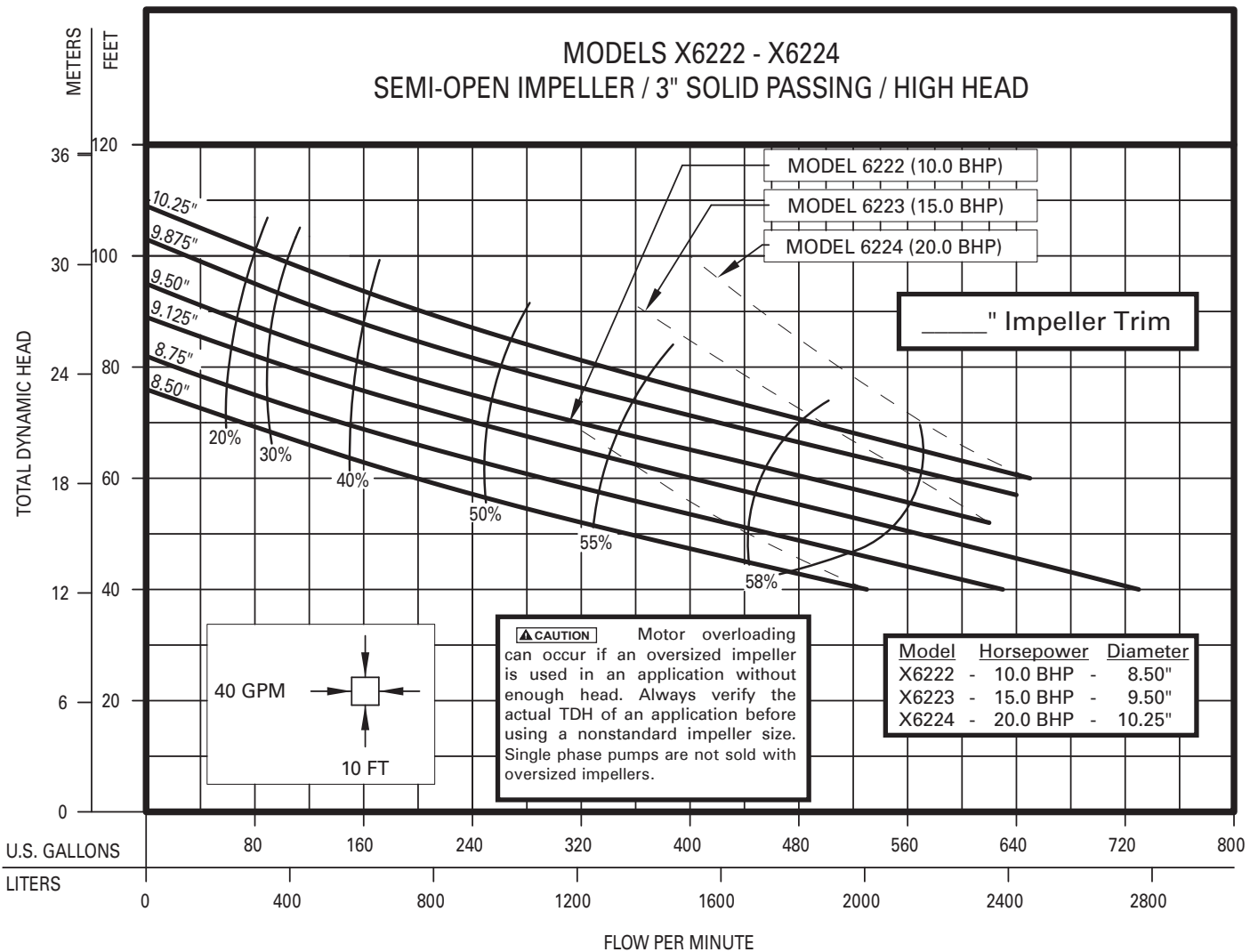
10 - 15 - 20 BHP

4" FLANGED DISCHARGE

3" SOLIDS HANDLING



CSA US  
 Certified to CSA Standard  
 C22.2 No. 145  
 Tested to FM Standard  
 3600 & 3615



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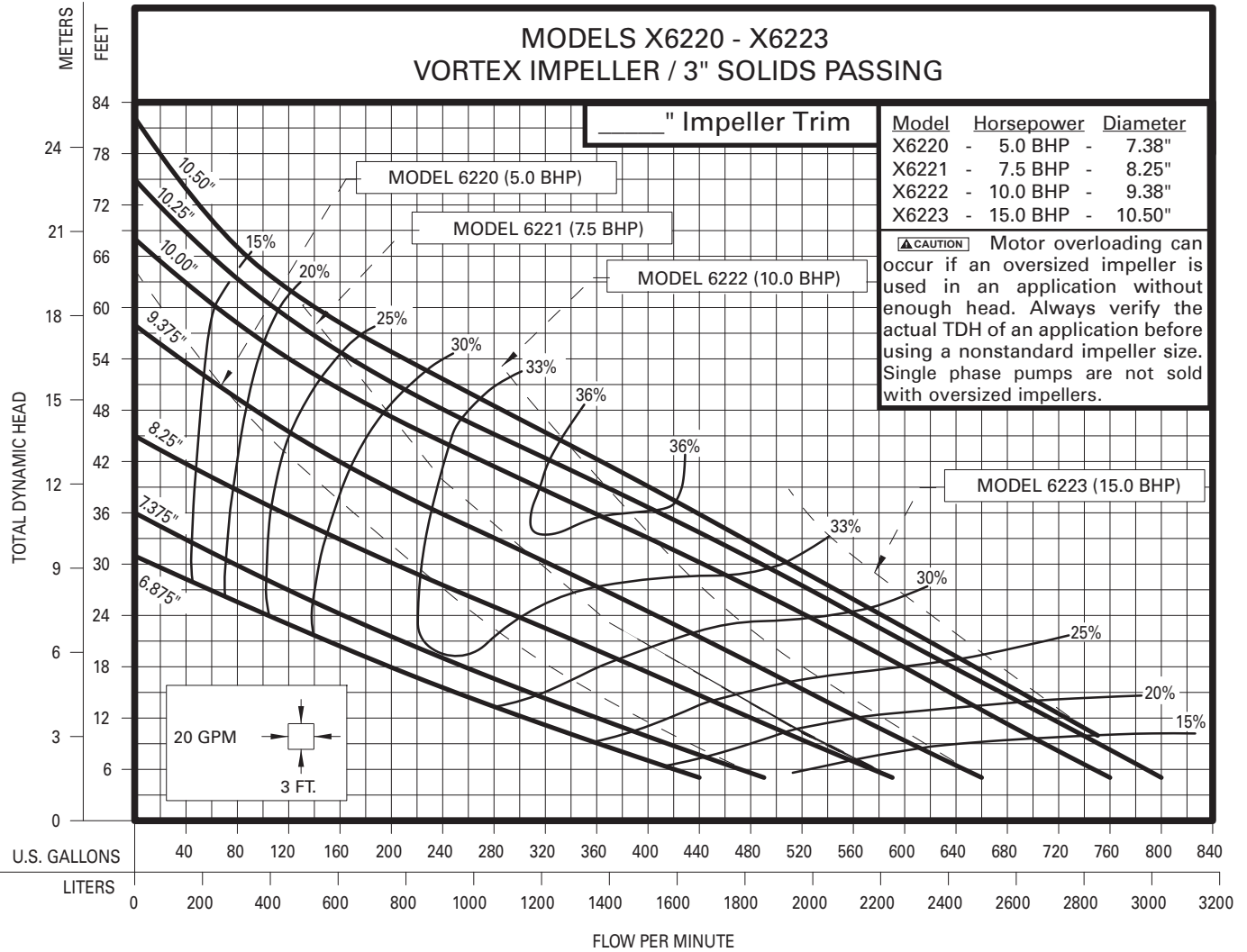


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# VORTEX IMPELLER PERFORMANCE DATA 5 - 20 BHP

## 4" & 6" FLANGED DISCHARGE 3" SOLIDS HANDLING



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