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SECTION: Z5.40.200
 ZM2440
 0524
 Supersedes
 0823

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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	
			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
X6221	7.5	1.2	36.7	137	25.0	109	22.0	95	11.0	47.5
X6222	10.0	1.2	N/A	N/A	32.0	109	28.0	95	14.0	47.5
X6223	15.0	1.2	N/A	N/A	48.3	197	41.7	172	20.9	86.0
X6224	20.0	1.0	N/A	N/A	59.4	197	54.0	172	27.0	86.0



SEMI-OPEN IMPELLER

PERFORMANCE DATA

5 - 20 BHP

4" & 6" FLANGED DISCHARGE 3" SOLIDS HANDLING

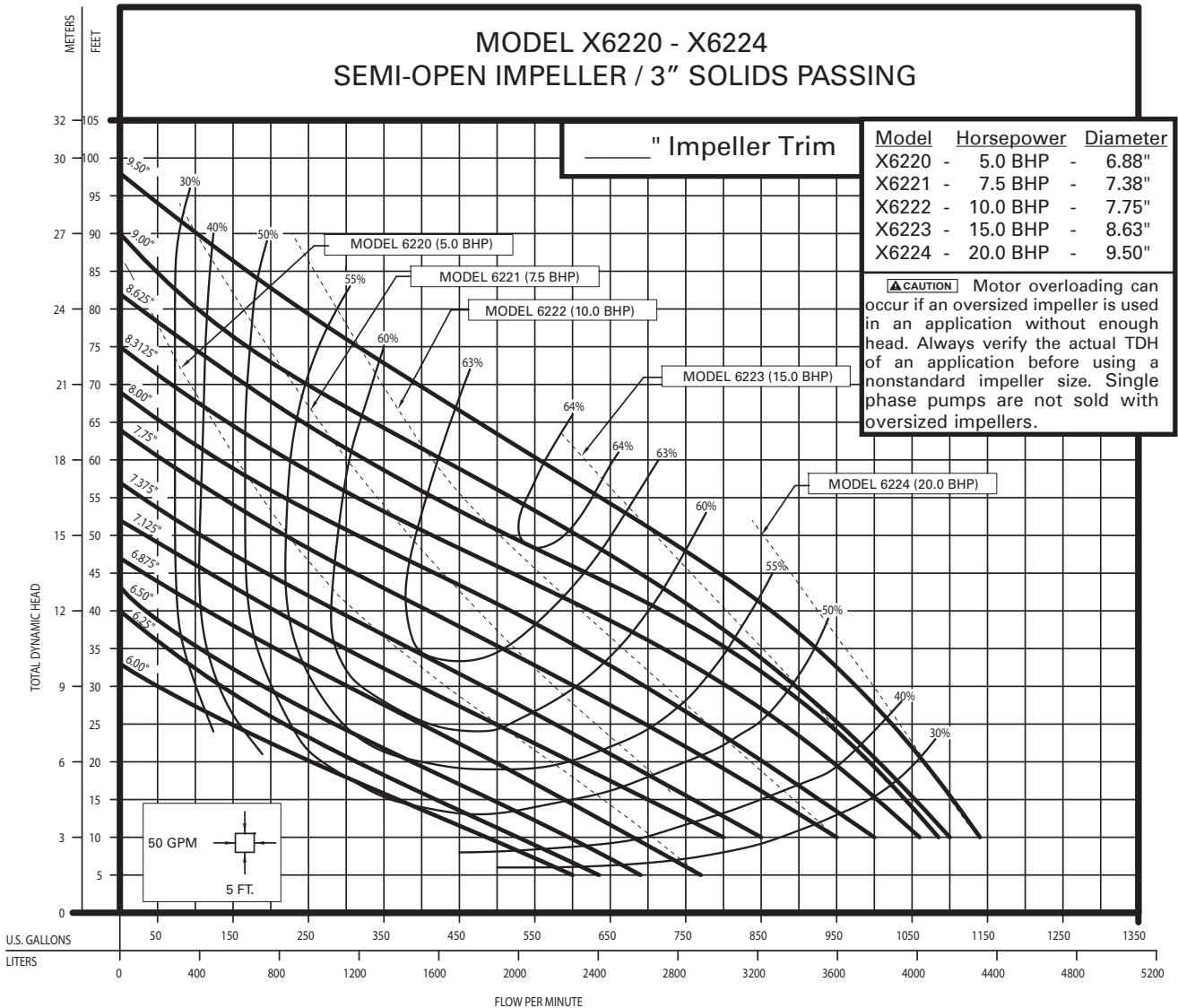


Certified to CSA Standard

 C22.2 No. 145

 Tested to FM Standard

 3600 & 3615



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HIGH HEAD SEMI-OPEN IMPELLER

PERFORMANCE DATA

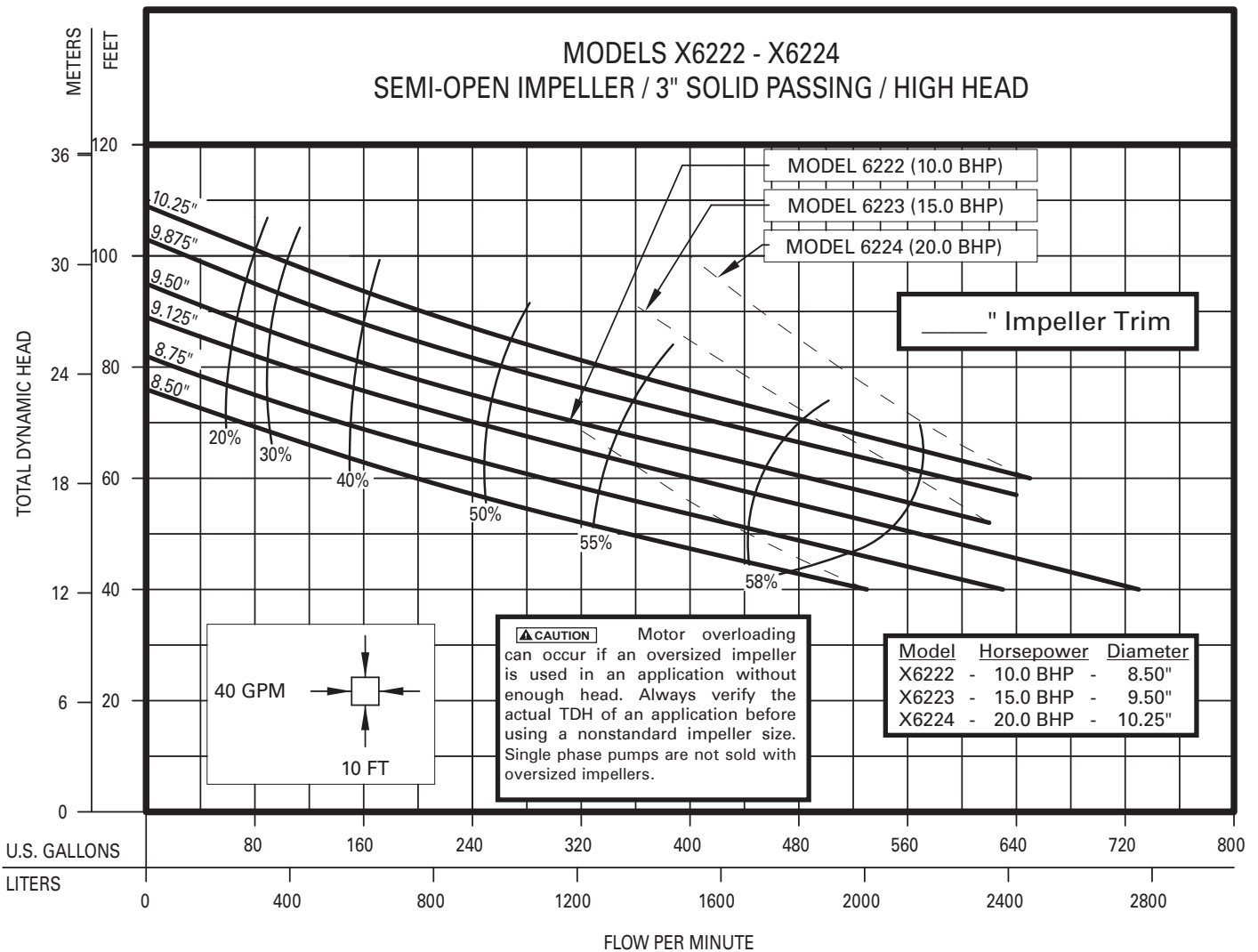
10 - 15 - 20 BHP

4" FLANGED DISCHARGE

3" SOLIDS HANDLING



CSA US
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 C22.2 No. 145
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 3600 & 3615



A00619X

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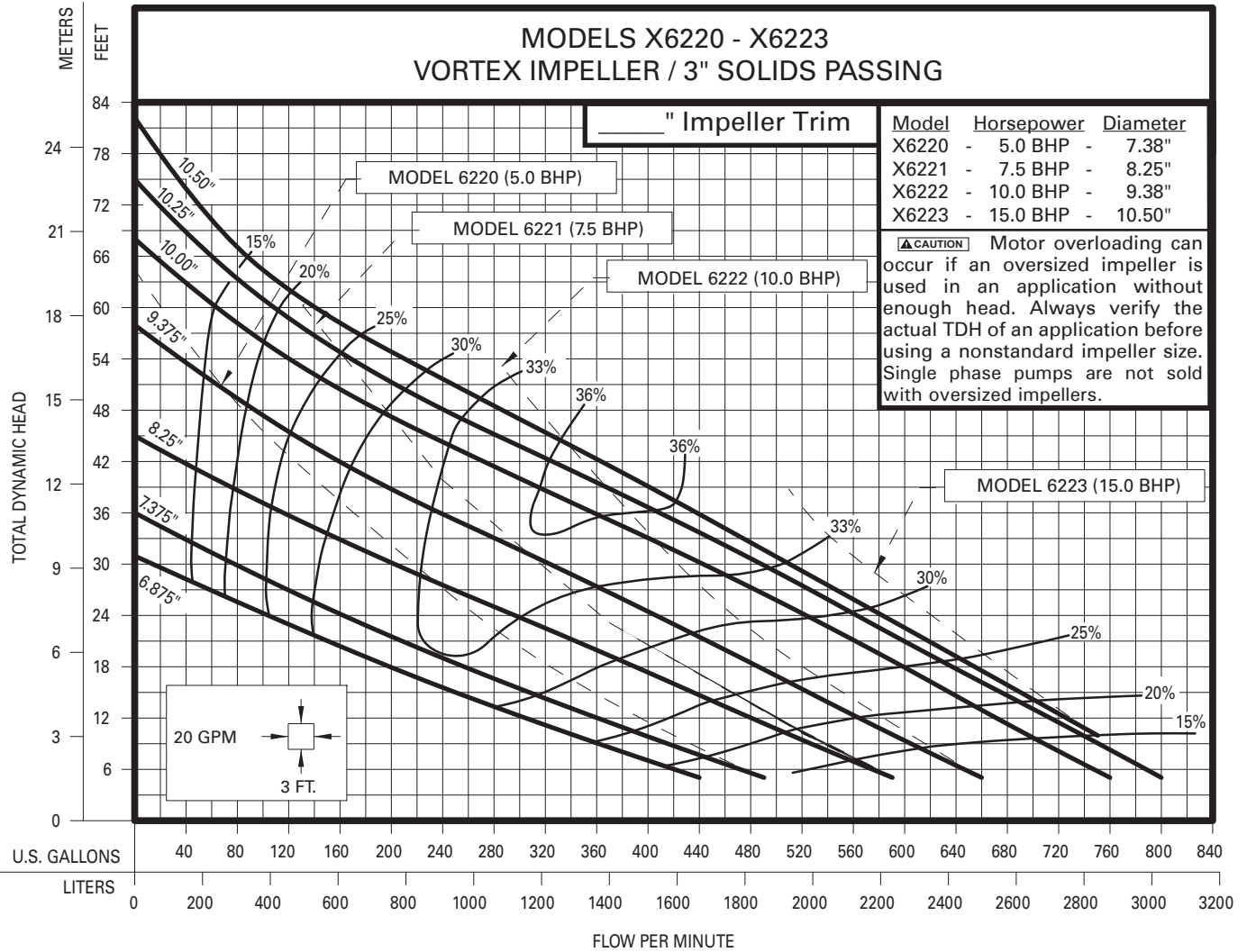


VORTEX IMPELLER PERFORMANCE DATA 5 - 20 BHP

4" & 6" FLANGED DISCHARGE 3" SOLIDS HANDLING



CSA
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Tested to FM Standard
3600 & 3615



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