



# DATA SHEET

# 2313ZX

### AVAILABLE MOUNTING CONFIGURATIONS

2313ZX-F FRAME MOUNT  
 2313ZX-RP-F REDI-PRIME FRAME MOUNT  
 2313ZX-EM ENGINE MOUNT  
 2313ZX-RP-EM REDI-PRIME ENGINE MOUNT  
 2313ZX-CC CLOSE- COUPLED

### OPERATING LEVELS

MIN FLOW	160 GPM	36.34 m <sup>3</sup> /h
MAX FLOW	890 GPM	202.14 m <sup>3</sup> /h
DISCHARGE SIZE	2"	50.8 mm
SUCTION SIZE	3"	76.2 mm
SOLIDS HANDLING	0.5"	12.7 mm
MAX SPEED	3600 RPM	3600 RPM
SHUT-OFF HEAD	730'	170.34 m
BEP HEAD	145'	44.19 m
BEP FLOW	750 GPM	170.34 m <sup>3</sup> /h
BEP PERCENT	67%	67%
HP RANGE	200 HP	149.14 kW
OPERATING SPEEDS	1500 to 3600 RPM	1500 to 3600 RPM



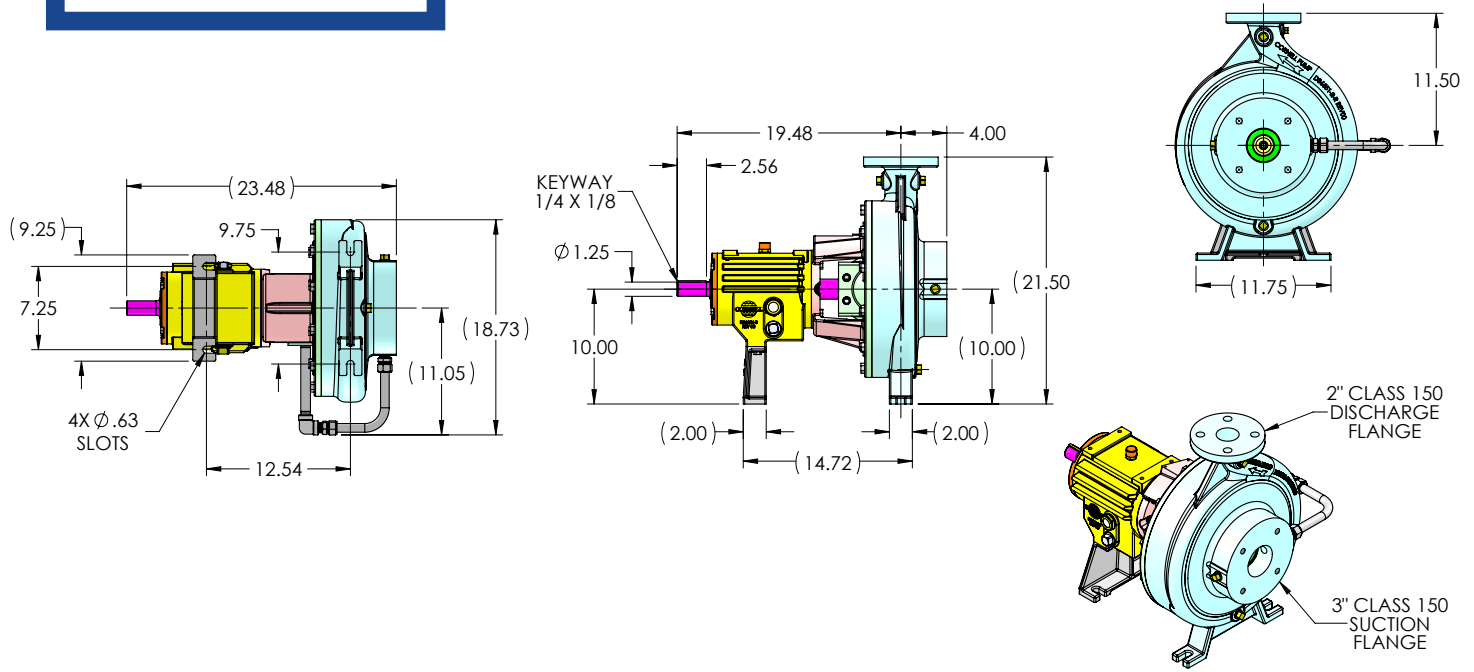
A typical picture of the pump is shown. Please contact Cornell Pump Company for further details. All information is approximate and for general guidance only.

PARTS	STANDARD MATERIAL (ALL IRON)	CD4MCU
WEAR RING	ASTM A395 DUCTILE IRON	ASTM A890 GR 1B CD4MCU
IMPELLER	ASTM A395 DUCTILE IRON	ASTM A890 GR 1B CD4MCU
VOLUTE	ASTM A395 DUCTILE IRON	ASTM A890 GR 1B CD4MCU
BACKPLATE	ASTM A395 DUCTILE IRON	ASTM A890 GR 1B CD4MCU
BEARING HOUSING	ASTM A395 DUCTILE IRON	ASTM A395 DUCTILE IRON
SHAFT	SAE 1144 STRESSPROOF STEEL	316 STAINLESS
SHAFT SLEEVE	316 STAINLESS	ASTM A890 GR 1B CD4MCU

The 2313ZX pump is designed with Cornell's renowned quality and durability for clearwater pumpage. It features a 2" discharge, 3" suction, and enclosed impeller with a centerline ANSI dimensional volute. Available in All Iron or CD4MCu materials. Frame Mounted, Engine Mounted or Close Coupled configurations are available with a Type 1 single mechanical, cartridge seals, or packing.

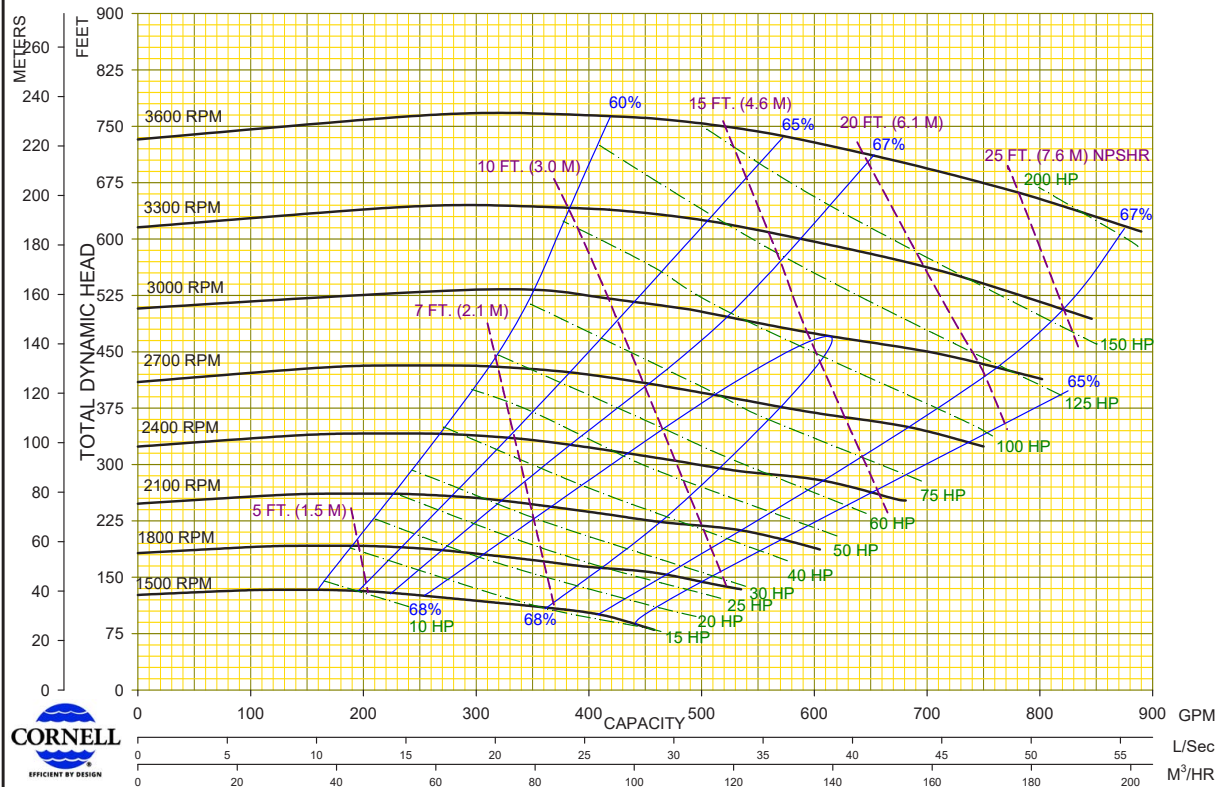
- Meets ANSI Dimensional Standards
- Centerline Construction
- Frame Mounted, Engine Mounted or Close Coupled
- Redi-Prime® or Run-Dry® available
- Oil Lubricated Bearing Frame
- Isolator Bearing Frame Seals
- Cartridge or Type 1 Mechanical Seals
- Hydraulic Balance Line
- Pulse Vibration and Temperature Monitor
- Co-Pilot Ready
- Industry-leading efficiencies
- Double Volute





Speed	Impeller Dia.	Style	Volute	Solids Dia.	N <sub>s</sub>	Suction	Discharge	No. Vanes
VARIOUS	12.88"	ENCLOSED	SINGLE	.50"	745	3"	2"	7

Performances shown are for S.G. 1.0 60°F water, close coupled configuration. Other mounting styles or S.G. may require curve adjustments.



Cornell Pump Company • Clackamas, Oregon	X	X	X	MODEL : 2313ZX	CURVE NO: <b>2313ZXVA</b>
	00	11/22/22	JW/SJ	TYPE : ANSI	