

AVAILABLE MOUNTING CONFIGURATIONS

4617ZX-F FRAME MOUNT
4617ZX-RP-F REDI-PRIME FRAME MOUNT
4617ZX-EM ENGINE MOUNT
4617ZX-RP-EM REDI-PRIME ENGINE MOUNT
4617ZX-CC CLOSE- COUPLED

OPERATING LEVELS

MIN FLOW	480 GPM	109.02 m ³ /h
MAX FLOW	2600 GPM	590.52 m ³ /h
DISCHARGE SIZE	4"	101.6 mm
SUCTION SIZE	6"	152.4 mm
SOLIDS HANDLING	0.93"	23.62 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	290'	88.39 m
BEP HEAD	265'	80.77 m
BEP FLOW	1800 GPM	408.82 m ³ /h
BEP PERCENT	77%	77%
HP RANGE	200 HP	149.14 kW
OPERATING SPEEDS	1000 to 1800 RPM	1000 to 1800 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 4617ZX pump is designed with Cornell's renowned quality and durability for clearwater pumpage. It features a 3" discharge, 4" suction, and enclosed impeller with a centerline ANSI dimensional volute. The pump has a Class 150 LB. ANSI flange and is built with a F170 bearing frame. 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

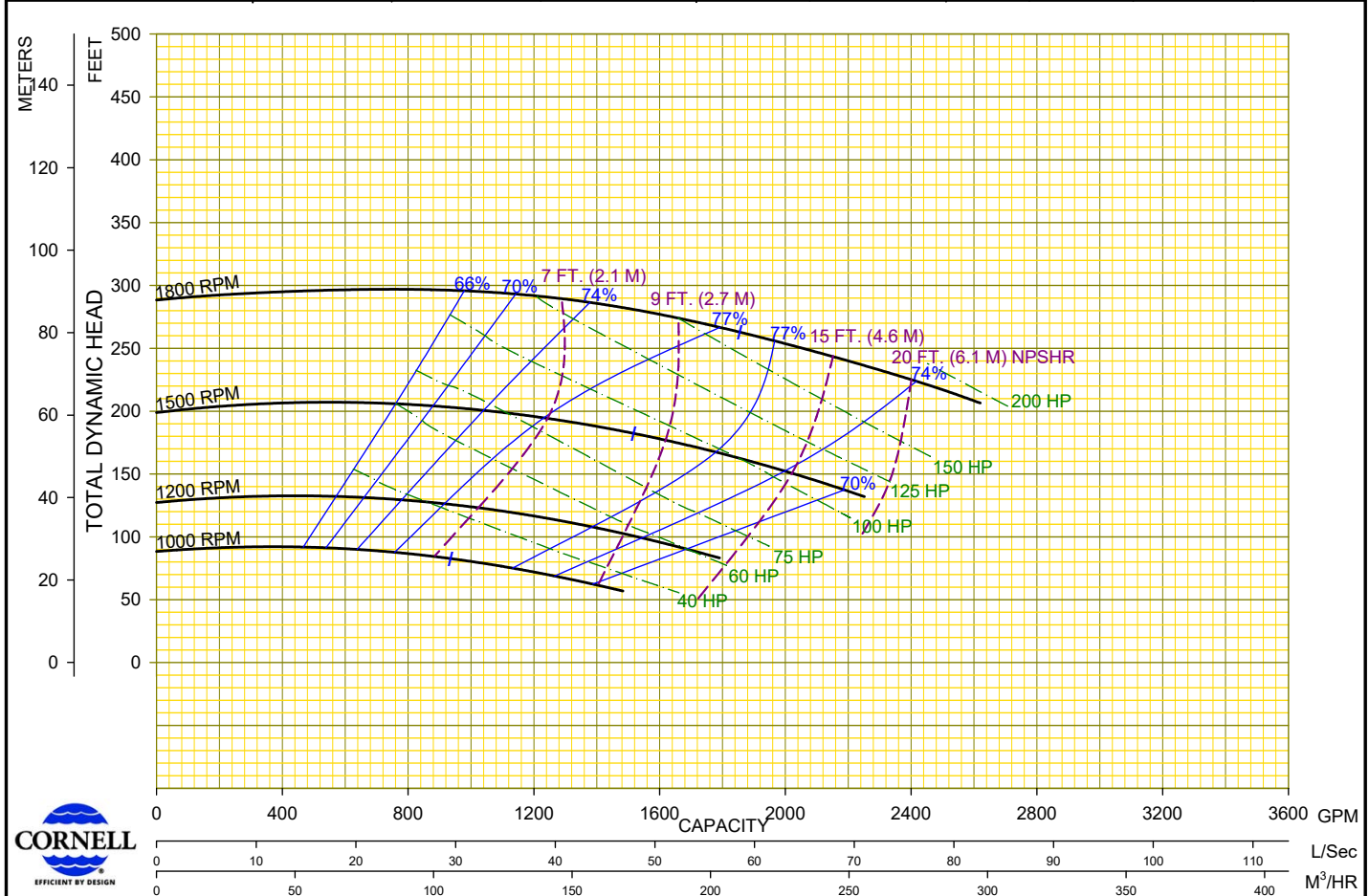




DATA SHEET

4617ZX

Performances shown are for S.G. 1.0 60°F water, close couple configuration. Other mounting styles or S.G. may require curve adjustments.	Speed	Impeller Dia.	Style	Volute	Solids Dia.	N _s	Suction	Discharge	No. Vanes
	VARIOUS	16.38"	ENCLOSED	DOUBLE	.93"	1188	6"	4"	6



Cornell Pump Company • Clackamas, Oregon	X	X	X	MODEL : 4617ZX TYPE : ANSI	CURVE NO: 4617ZXVA
	00	3/14/24	CE/JRW		