

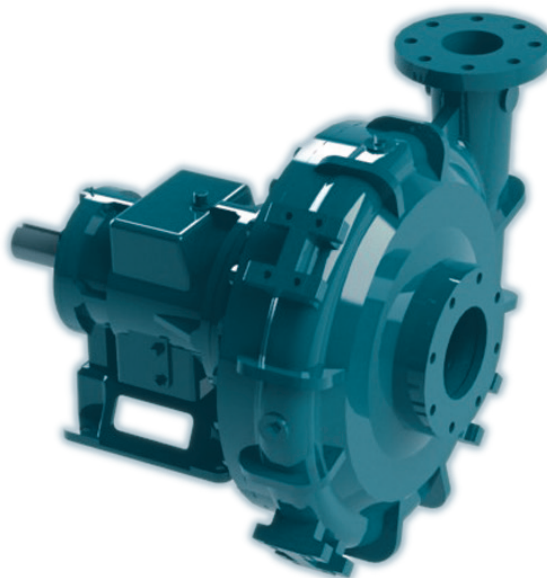


AVAILABLE MOUNTING CONFIGURATIONS

4622MX-F FRAME MOUNT
 4622MX-EM ENGINE MOUNT
 4622MX-RP-F REDI-PRIME FRAME MOUNT
 4622MX-RP-EM REDI-PRIME ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	215 GPM	49 m ³ /h
MAX FLOW	1680 GPM	381 m ³ /h
DISCHARGE SIZE	4"	100 mm
SUCTION SIZE	6"	150 mm
SOLIDS HANDLING	0.98"	25 mm
MAX SPEED	1900 RPM	1900 RPM
SHUT-OFF HEAD	660'	201 m
BEP HEAD	583'	178 m
BEP FLOW	1390 GPM	316 m ³ /h
BEP PERCENT	65%	65%



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
WEAR RING	CAST IRON
IMPELLER	CA6NM
VOLUTE	DUCTILE IRON
SHAFT	17-4 PH STAINLESS STEEL
SHAFT SLEEVE	416 STAINLESS STEEL
BACKPLATE	DUCTILE IRON
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE
O-RINGS	BUNA-N, NITRILE
BEARING FRAME	F18DB CAST IRON

The 4622MX pump is designed with Cornell's renowned quality and durability. It features a 4" discharge, 6" suction, and a 3 or 4 vane enclosed CA6NM impeller. The wear rings can be hardened (option) to 375-425 BHN (impeller) and 450-500 BHN (volute). Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Heavy-duty bearing frame
- Double angular contact thrust bearings
- Patented Cycloseal® design
- CA6NM Impeller is corrosion-resistant and abrasion-resistant
- Industry-leading efficiencies
- Industry-leading two-year warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



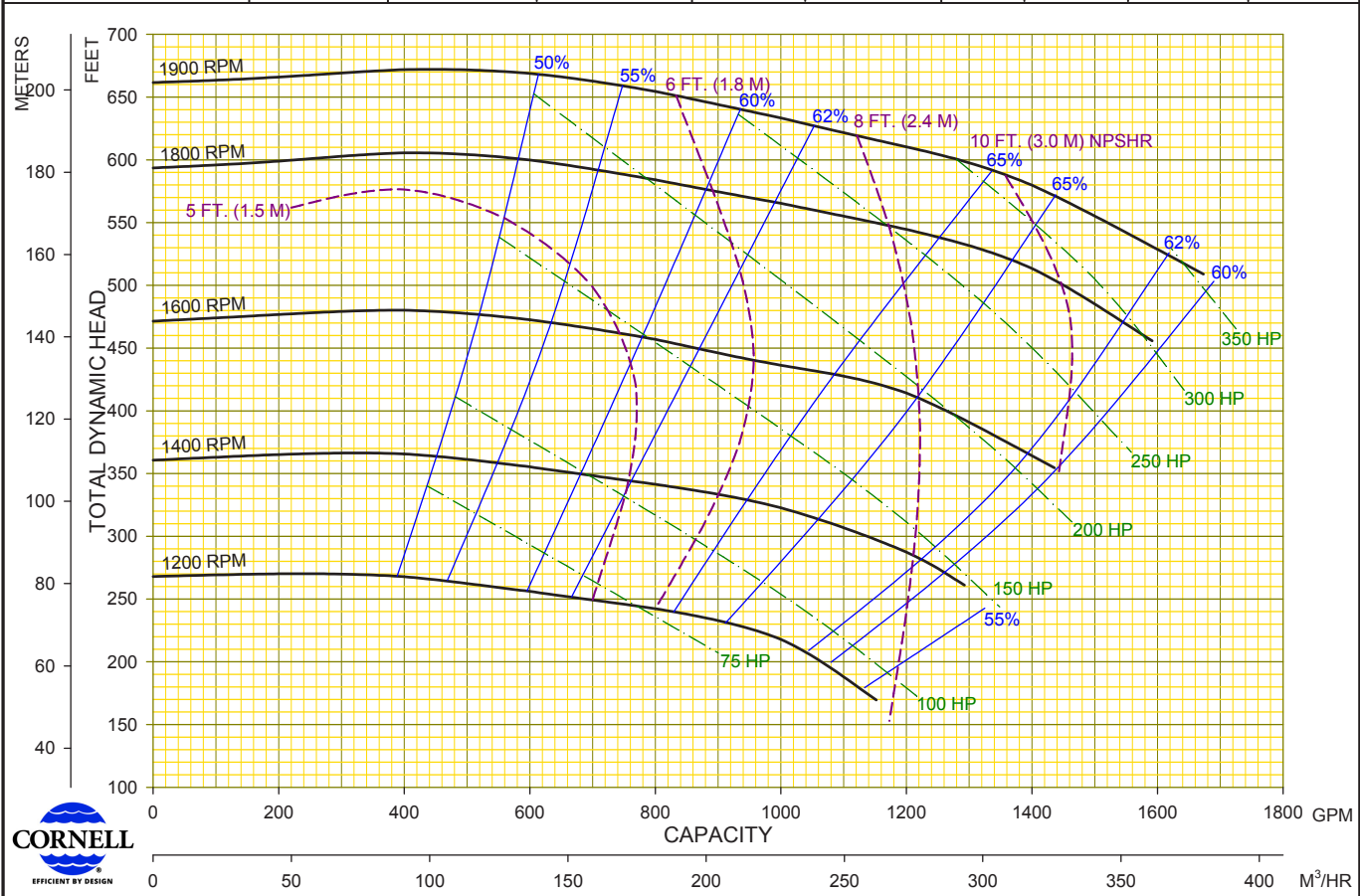
RENTAL

4622MX



Performances shown are for S.G. 1.0
60°F water, frame mounted configuration
with Cyclo Seal. Other mounting styles or
S.G. may require curve adjustments.

Speed	Impeller Dia.	Style	Volute	Solids Dia.	N _s	Suction	Discharge	No. Vanes
VARIOUS	21.95"	ENCLOSED	SINGLE	.98"	552	6"	4"	4



Cornell Pump Company • Clackamas, Oregon	02	04/02/15	CTG	MODEL: 4622MX	CURVE NO: 4622MXVA
	00	3/11/09	CTG	TYPE: MX SERIES	