

6822MX



AVAILABLE MOUNTING CONFIGURATIONS

6822MX-F FRAME MOUNT
 6822MX-EM ENGINE MOUNT
 6822MX-RP-F REDI-PRIME FRAME MOUNT
 6822MX-RP-EM REDI-PRIME ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	430 GPM	98 m ³ /h
MAX FLOW	4150 GPM	943 m ³ /h
DISCHARGE SIZE	6"	150 mm
SUCTION SIZE	8"	200 mm
SOLIDS HANDLING	2.00"	51 mm
MAX SPEED	1900 RPM	1900 RPM
SHUT-OFF HEAD	640'	195 m
BEP HEAD	590'	180 m
BEP FLOW	3350 GPM	761 m ³ /h
BEP PERCENT	73%	73%



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 6822MX pump is designed with Cornell's renowned quality and durability. It features a 6" discharge, 8" suction, and enclosed impeller. 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.

- Impeller wear ring optionally hardened to 375-425 bhn
- Volute wear ring optionally hardened to 450-500 bhn
- 3 or 4 vane enclosed CA6NM impellers
- Heavy Duty Bearing Frame
- Double angular contact thrust bearings
- CA6NM Impeller is corrosion-resistant and abrasion-resistant
- Industry-leading efficiencies
- Two year Warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



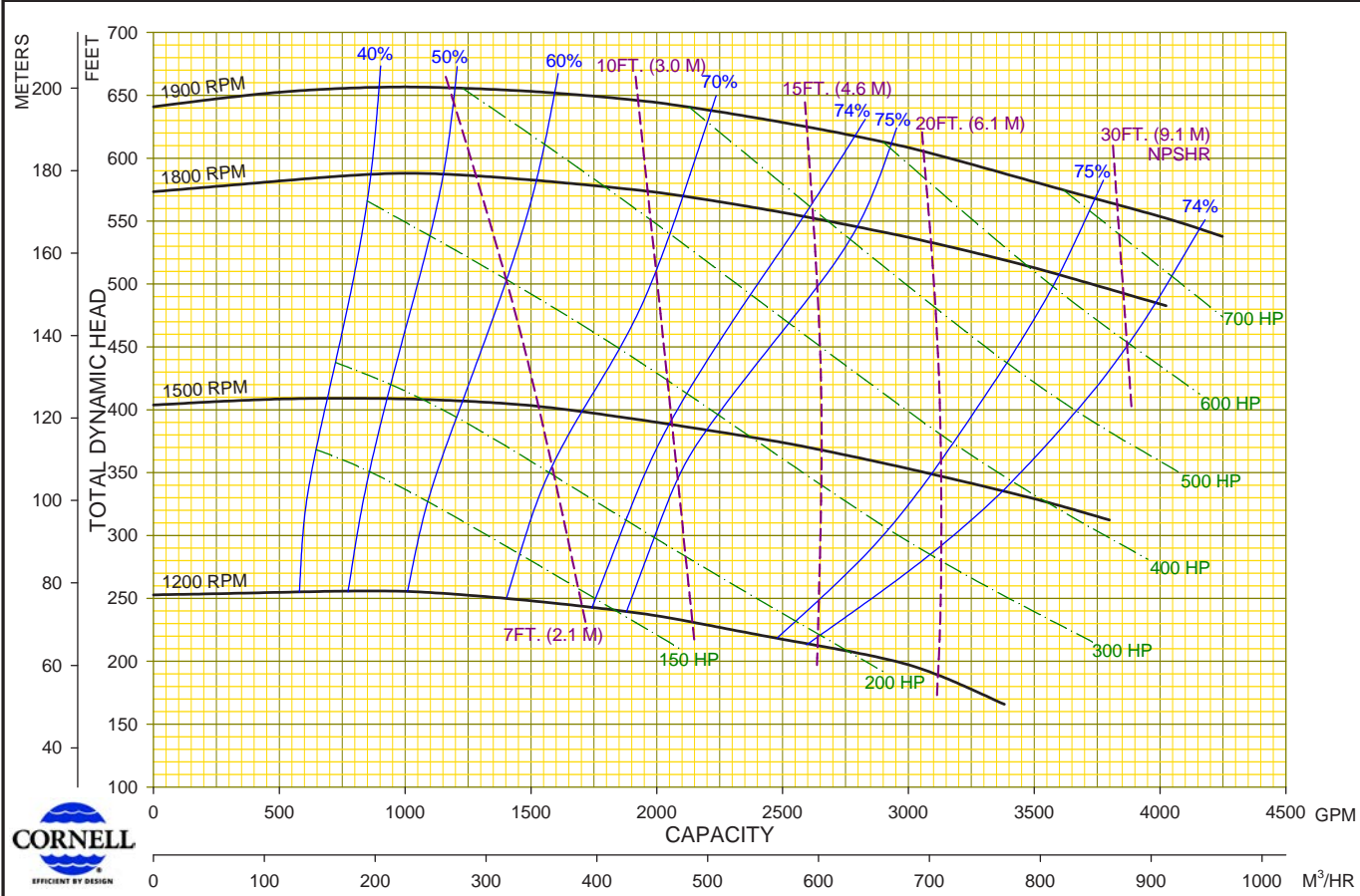
RENTAL

6822MX



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	DOUBLE	2.00"	709	8"	6"	4



Cornell Pump Company • Clackamas, Oregon	01	04/06/15	CTG	MODEL: 6822MX	CURVE NO: 6822MXVA
	00	07/22/09	---	TYPE :MX SERIES	