

3622MP

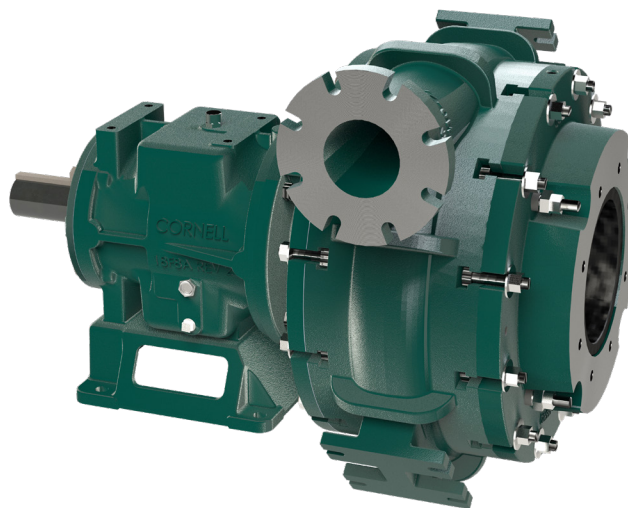


AVAILABLE MOUNTING CONFIGURATIONS

- 3622MP-RP-F REDI-PRIME FRAME MOUNT
- 3622MP-F FRAME MOUNT
- 3622MP-RP-EM REDI-PRIME ENGINE MOUNT
- 3622MP-EM ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	150 GPM	34.1 m ³ /h
MAX FLOW	1050 GPM	240.8 m ³ /h
DISCHARGE SIZE	3"	76.2 mm
SUCTION SIZE	6"	152.4 mm
SOLIDS HANDLING	.5"	12.7 mm
MAX SPEED	2000 RPM	2000 RPM
SHUT-OFF HEAD	640'	195.1 m
BEP HEAD	490'	149.4 m
BEP FLOW	890 GPM	202.1 m ³ /h
BEP PERCENT	49%	49%



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	
IMPELLER	CHROME IRON
VOLUTE	CHROME IRON
SHAFT	17-4 PH STAINLESS STEEL
SHAFT SLEEVE	416 STAINLESS STEEL
SUCTION COVER	DUCTILE IRON
BACKPLATE	CHROMEIRON
WEAR PLATE	CHROME IRON
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON
O-RINGS	VITON

The 3622MP pump is designed with Cornell's renowned quality and durability. It features a 3" discharge, 6" suction, and enclosed impeller. Available in High Chrome materials. 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 F18 bearing frame with double angular contact thrust bearing on frame-mount models.

- Flow rates to 1060 GPM / Heads to 620 FT
- Replaceable wear plate and shaft sleeve
- Adjustable front wear plate to renew performance
- Hardness > 600 BHN for superior wear resistance
- Heavy duty construction
- Patented Cycloseal® design removes grit
- Redi-Prime® available for fully-automatic continuous priming
- RunDry™ option (Indefinite run dry capability)



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



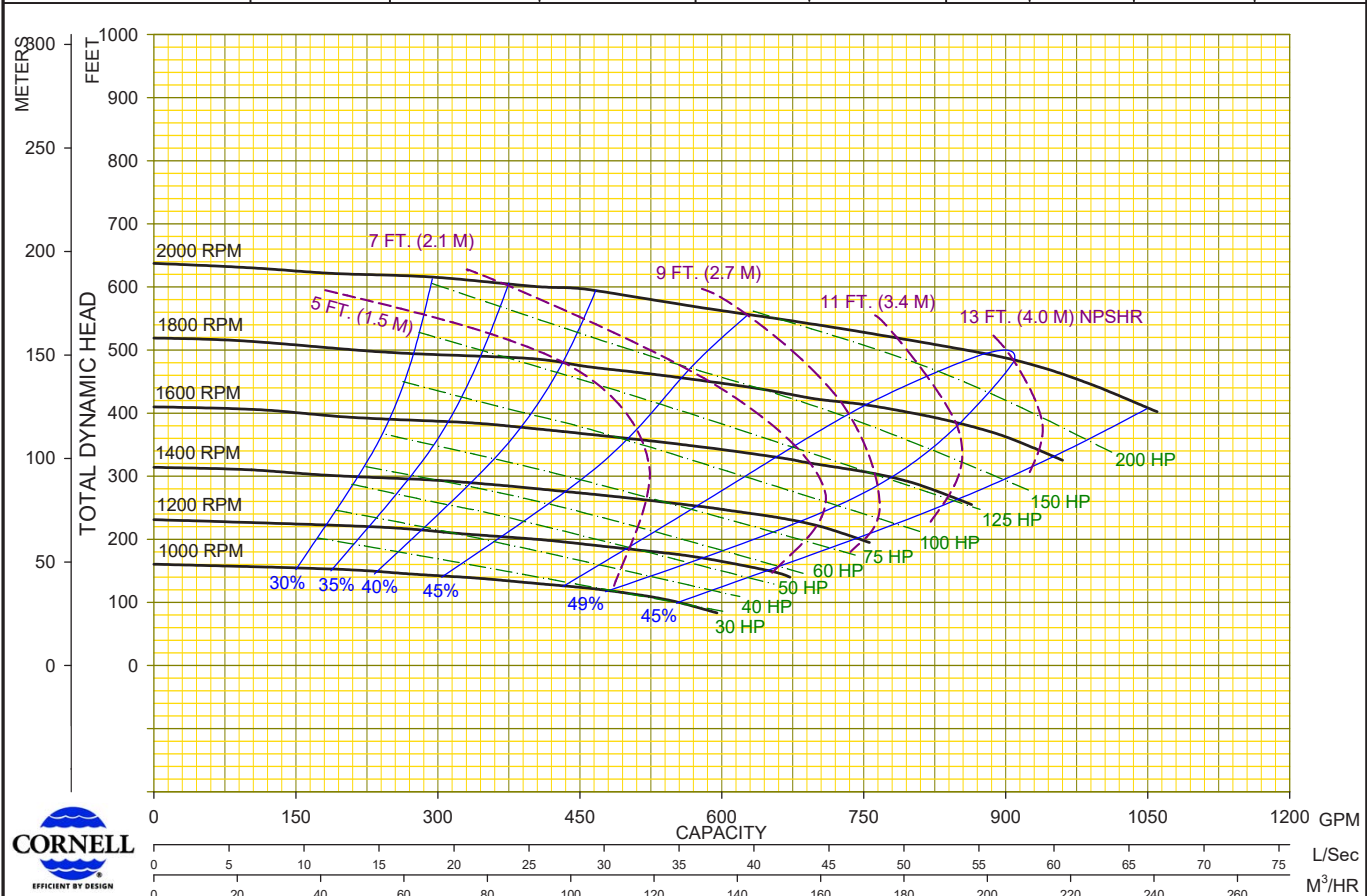
RENTAL

3622MP



Performances shown are for S.G. 1.0
60°F water, frame mounted 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	21.95"	ENCLOSED	SINGLE	0.50"	553	6"	3"	2



Cornell Pump Company • Clackamas, Oregon	00	8/17/20	JRW	MODEL : 3622MP	CURVE NO: 3622MPVA
	AC	1/31/20	JRW	TYPE : SOLIDS HANDLING	