



## DIESEL/ELECTRIC DRIVEN SELF-PRIMING DEWATERING PUMP 80-180-350HP CORNELL

The Cornell 80-180-350HP is a robust, reliable and high performance pumping solution capable of handling the harshest of conditions with ease.

Renowned for its durability and performance, the Cornell 80-180-350HP is the right choice when you need a solution that will deliver day-in and day-out.

### KEY FEATURES

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

### ENGINE SPECIFICATIONS

Engine	Cummins QSM11
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### PUMP SPECIFICATIONS

Pump	Cornell 4622MX
Min. Flow	14 L/s
Max. Flow	106 L/s
Discharge Size	100mm
Suction Size	150mm
Solids Handling	25mm
Max. Speed	1900 rpm
Shut-off Head	201m
BEP Head	178m
BEP Flow	88 L/s
BEP Efficiency	65%
Fuel Capacity	1800 L

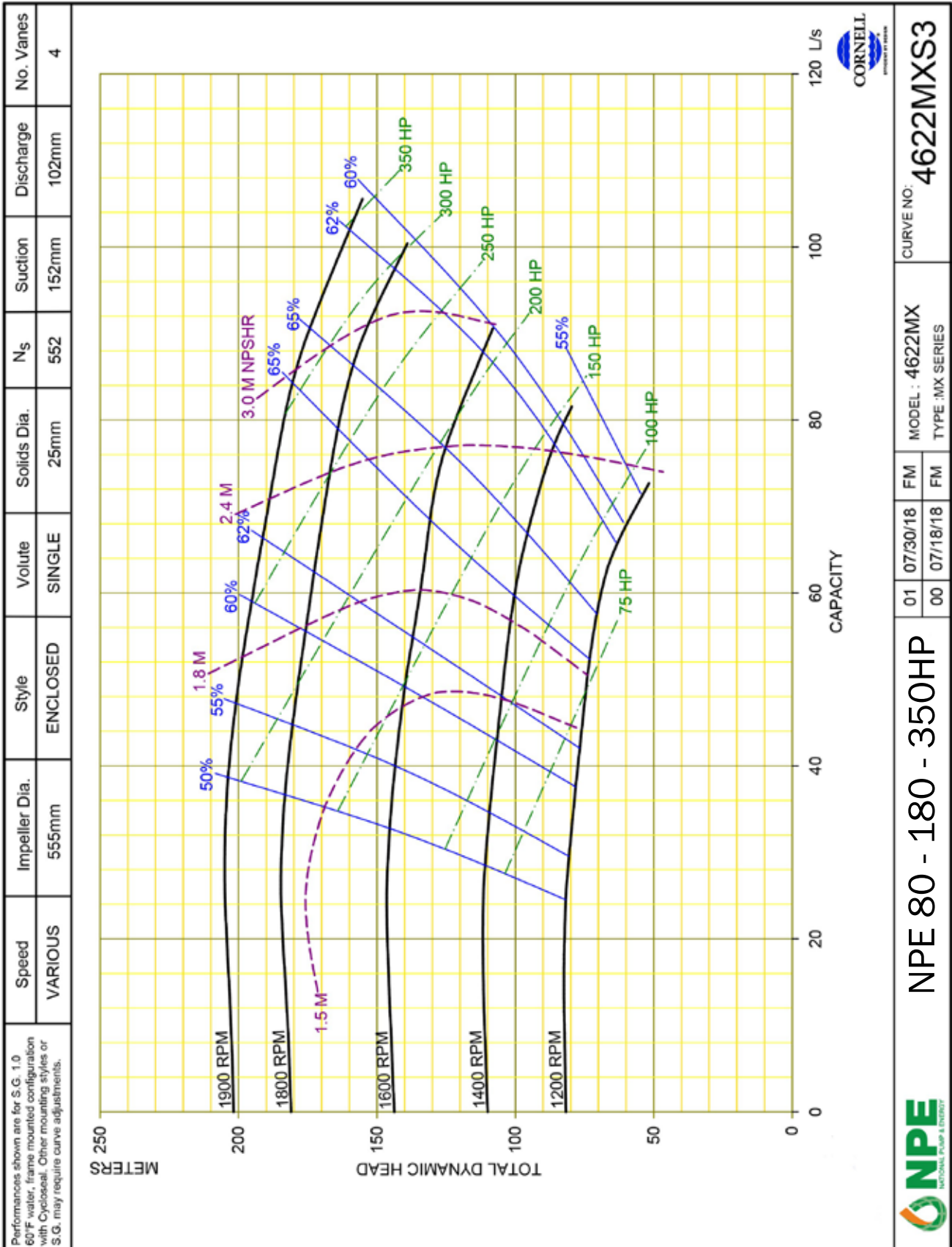
### MATERIALS OF CONSTRUCTION

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





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### NPE 80 - 180 - 350HP

