



DIESEL/ELECTRIC DRIVEN SELF-PRIMING DEWATERING PUMP 40-200-250HP CORNELL

The Cornell 40-200-250HP 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 40-200-250HP is the right choice when you need a solution that will deliver day-in and day-out.

KEY FEATURES

- Heavy-duty construction
- Lower maintenance costs
- Super fast and strong
- Double angular contact thrust bearings
- 3 or 4 vane enclosed CA6NM impellers
- Industry-leading efficiencies
- Corrosion and abrasion resistant impeller



ENGINE SPECIFICATIONS

| | |
|--------|----------------|
| Engine | Cummins QSB6.7 |
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PUMP SPECIFICATIONS

| | |
|-----------------|----------------|
| Pump | Cornell 3419MX |
| Min. Flow | 10 L/s |
| Max. Flow | 54 L/s |
| Discharge Size | 80mm |
| Suction Size | 100mm |
| Solids Handling | 20mm |
| Max. Speed | 2400 rpm |
| Shut-off Head | 256m |
| BEP Head | 229m |
| BEP Flow | 45 L/s |
| BEP Efficiency | 55% |

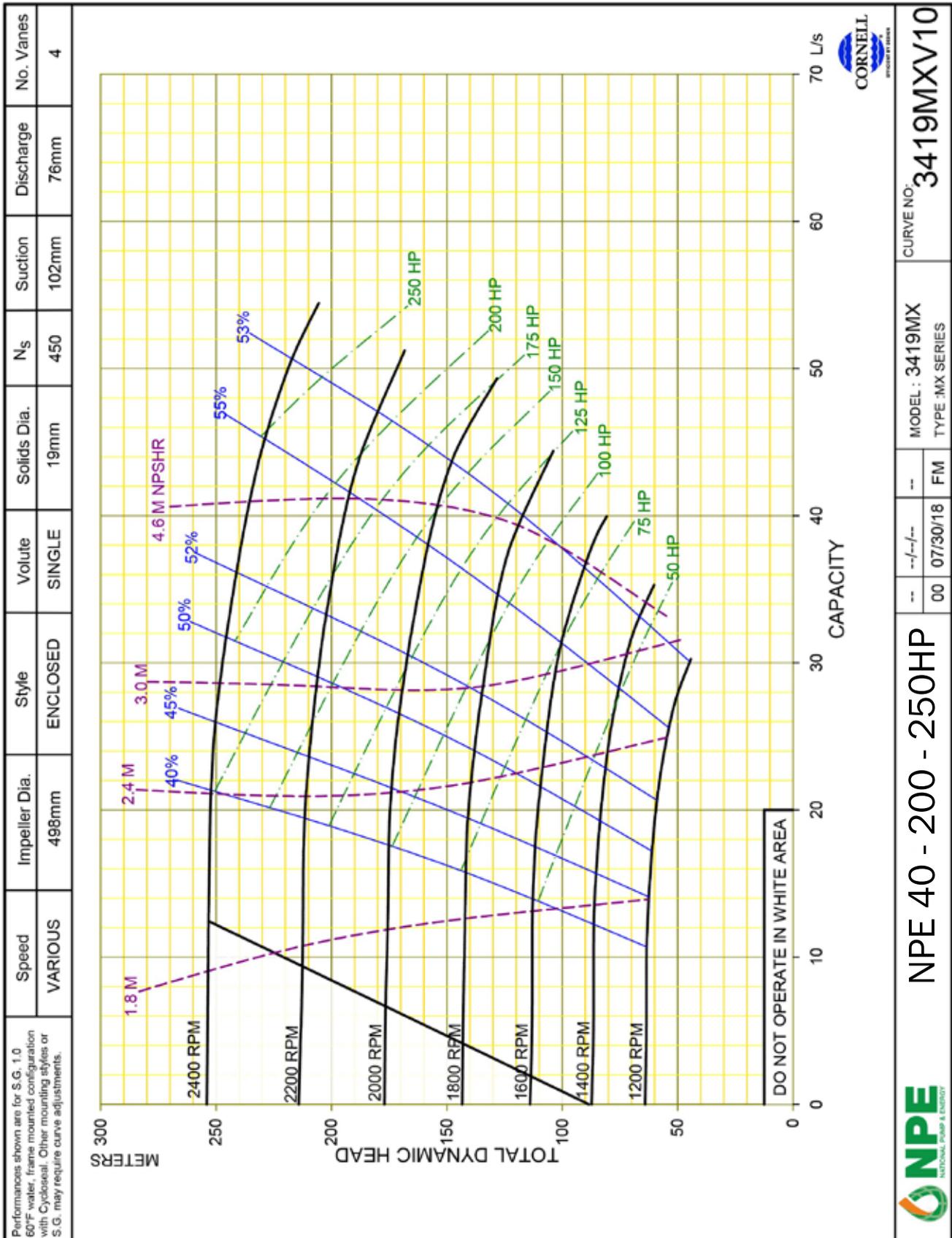
MATERIALS OF CONSTRUCTION

| | |
|-----------------|--------------------------------------|
| 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 |





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NPE 40 - 200 - 250HP

MODEL : 3419MX
 TYPE :MX SERIES

CURVE NO: 3419MXV10

