



## DIESEL/ELECTRIC DRIVEN SELF-PRIMING DEWATERING PUMP 400-40-250HP CORNELL



### ENGINE SPECIFICATIONS

|        |              |
|--------|--------------|
| Engine | Cummins QSL9 |
|--------|--------------|

### PUMP SPECIFICATIONS

|                 |               |
|-----------------|---------------|
| Pump            | Cornell 12NNF |
| Min. Flow       | 82 L/s        |
| Max. Flow       | 605 L/s       |
| Discharge Size  | 305 mm        |
| Suction Size    | 305 mm        |
| Solids Handling | 76 mm         |
| Max. Speed      | 1800 rpm      |
| Shut-off Head   | 59 m          |
| BEP Head        | 40 m          |
| BEP Flow        | 404 L/s       |
| BEP Efficiency  | 84%           |

### MATERIALS OF CONSTRUCTION

|                 |                                      |
|-----------------|--------------------------------------|
| Wear Ring       | Cast Iron                            |
| Impeller        | Ductile Iron                         |
| Volute          | Ductile Iron                         |
| Shaft           | 4140/4142 BD                         |
| Shaft Sleeve    | 416 Stainless Steel                  |
| Backplate       | N/A                                  |
| Mechanical Seal | Tungsten Carbide vs. Silicon Carbide |
| O-Rings         | Buna-N, Nitrile                      |
| Bearing Frame   | Cast Iron                            |

The Cornell 400-40-250 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 400-40-250 is the right choice when you need a solution that will deliver day-in and day-out.

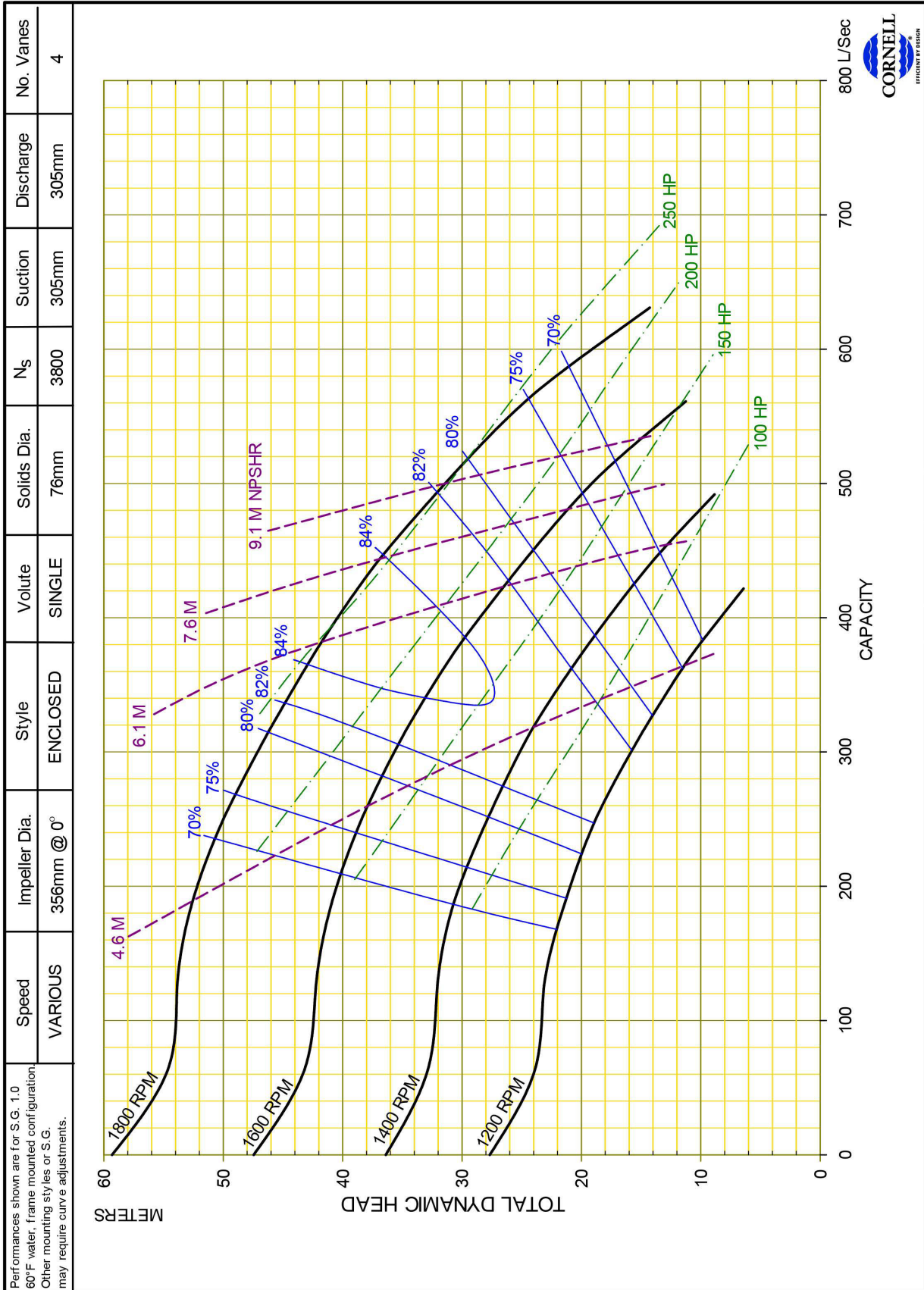
### KEY FEATURES

- Heavy-duty construction
- Lower maintenance costs
- Super fast and strong
- Stainless Steel shaft sleeve
- Powered by Cummins Engine
- Corrosion and abrasion resistant impeller





## DIESEL/ELECTRIC DRIVEN SELF-PRIMING DEWATERING PUMP 400-40-250HP CORNELL



|                         |   |                        |                   |
|-------------------------|---|------------------------|-------------------|
| <b>NPE 400-40-250HP</b> |   | MODEL : 12NMF          | CURVE NO: 12NNFS5 |
| X                       | X | 08/31/18               | JJ                |
| 00                      |   |                        |                   |
|                         |   | TYPE : SOLIDS HANDLING |                   |

