



DIESEL/ELECTRIC DRIVEN SELF-PRIMING DEWATERING PUMP 100-100-250HP CORNELL



The Cornell 100-100-250 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 100-100-250 is the right choice when you need a solution that will deliver day-in and day-out.

KEY FEATURES

- Excellent NPSHr
- Industry-leading efficiencies
- Variable speed
- Patented Cyclo Seal® design
- Heavy-duty construction
- RunDry™ option (Indefinite run dry capability)
- Redi-Prime® available for fully-automatic continuous priming



ENGINE SPECIFICATIONS

Engine	Cummins QSB6.7
--------	----------------

PUMP SPECIFICATIONS

Pump	Cornell 4NHTB
Min. Flow	30 L/s
Max. Flow	124 L/s
Discharge Size	102mm
Suction Size	127mm
Solids Handling	76mm
Max. Speed	2000 rpm
Shut-off Head	144 m
BEP Head	120 m
BEP Flow	33 L/s
BEP Efficiency	70%

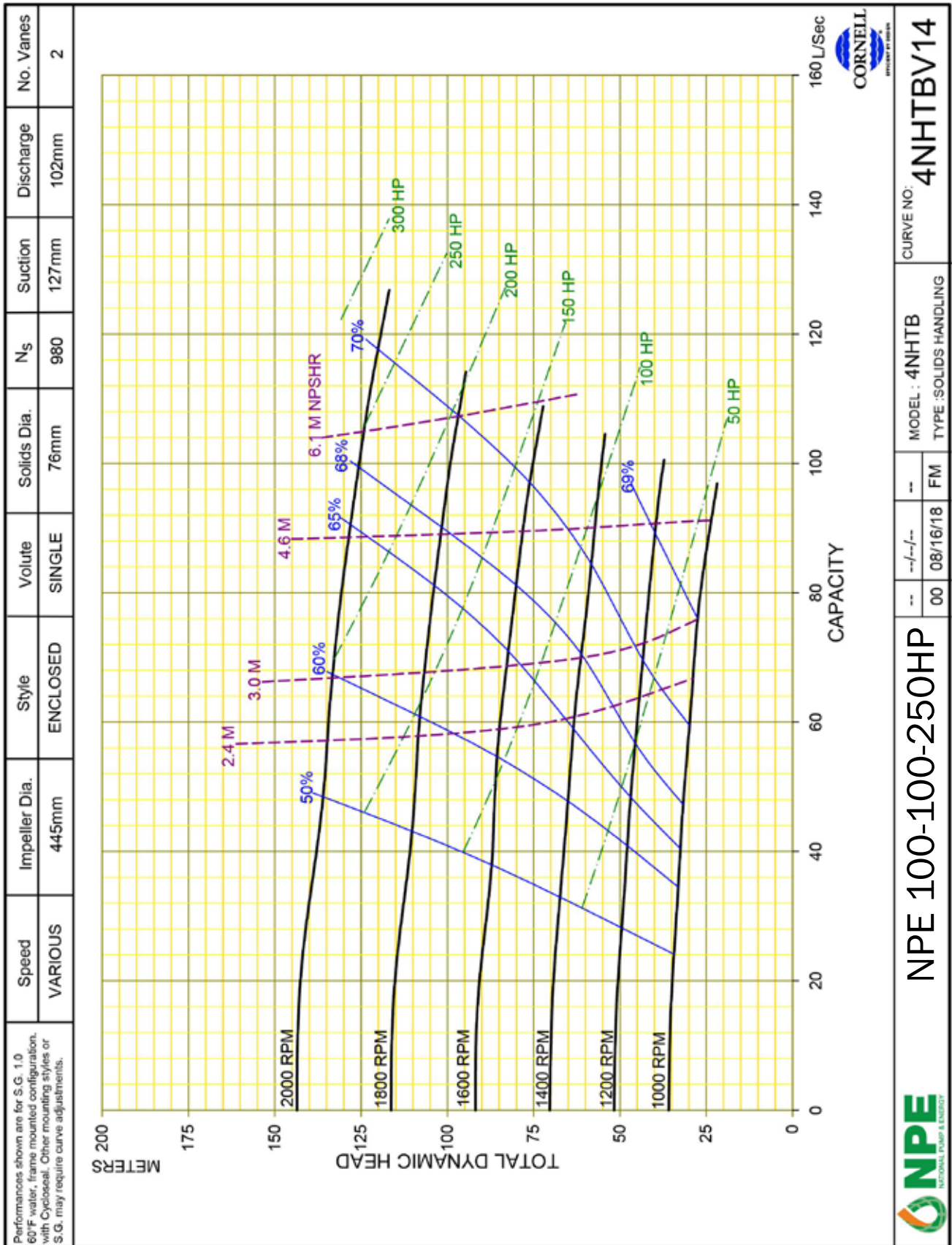
MATERIALS OF CONSTRUCTION

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	Cast Iron





DIESEL/ELECTRIC DRIVEN SELF-PRIMING DEWATERING PUMP 100-100-250HP CORNELL



NPE 100-100-250HP

CURVE NO: **4NHTBV14**

--	--/--/--	MODEL : 4NHTB	CURVE NO: 4NHTBV14
00	08/16/18	FM	TYPE : SOLIDS HANDLING

