



12NHTB

AVAILABLE MOUNTING CONFIGURATIONS

12NHTB-RP-F REDI-PRIME FRAME MOUNT
 12NHTB-F FRAME MOUNT
 12NHTB-RP-EM REDI-PRIME ENGINE MOUNT
 12NHTB-EM ENGINE MOUNT
 12NHTB-VF VERTICAL FRAME MOUNT
 12NHTB-VC VERTICAL COUPLED

OPERATING LEVELS

MIN FLOW	2100 GPM	477 m ³ /h
MAX FLOW	10200 GPM	2317 m ³ /h
DISCHARGE SIZE	12"	305 mm
SUCTION SIZE	12"	305 mm
SOLIDS HANDLING	4.75"	121 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	354'	108 m
BEP HEAD	224'	68 m
BEP FLOW	7900 GPM	1794 m ³ /h
BEP PERCENT	85%	85%

PARTS	STANDARD MATERIAL (ALL IRON)
WEAR RING	CAST IRON
IMPELLER	CAST IRON
VOLUTE	DUCTILE IRON
SHAFT	4140/42 BD
SHAFT SLEEVE	416 STAINLESS STEEL
SUCTION COVER	CAST IRON
SEAL HOUSING	DUCTILE IRON
BEARING FRAME	CAST IRON



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.

The 12NHTB pump is designed with Cornell's renowned quality and durability. It features a 12" discharge, 12" suction, and enclosed impeller. Available in All Iron or CD4MCu materials. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Viton elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Patented Cycloseal® design
- Redi-Prime® available for fully-automatic continuous priming
- Run-Dry™ option (Intermittent run dry capability)



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS

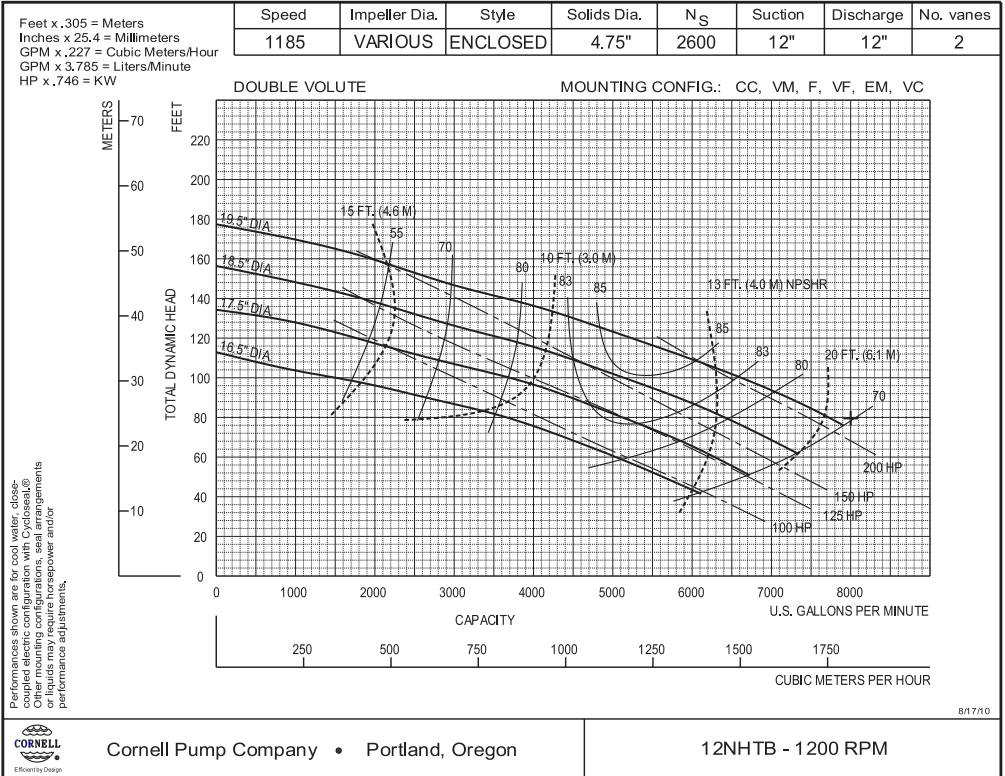


REFRIGERATION



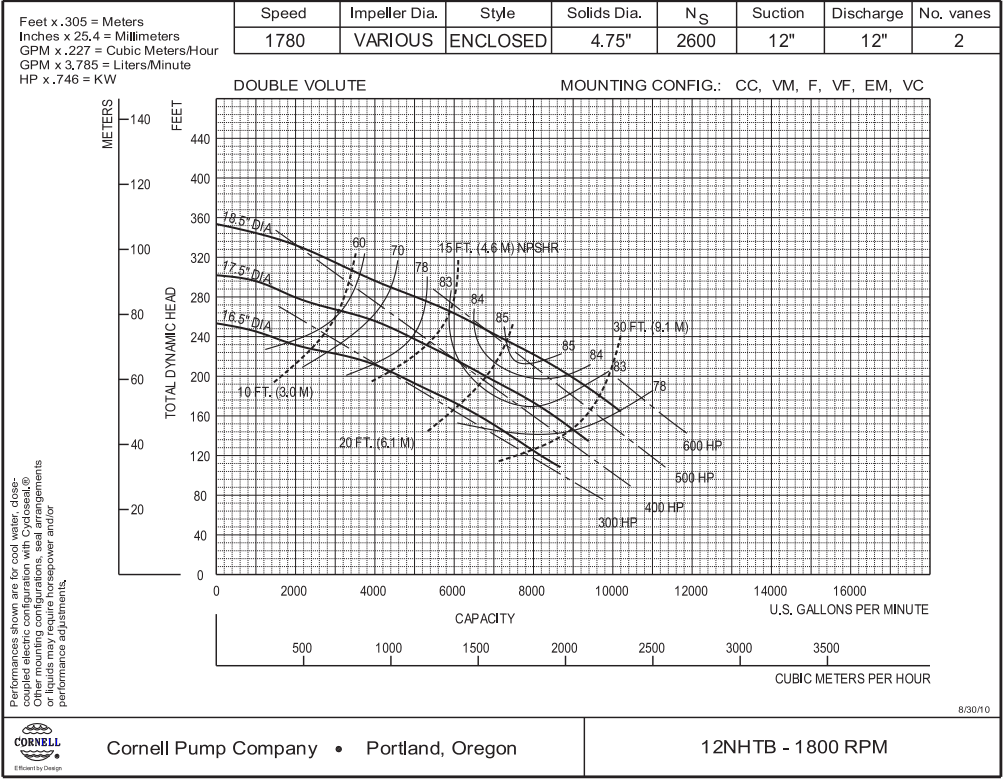
RENTAL

12NHTB



NEW PAGE

12NHTB12



NEW PAGE

12NHTB18