

4NLDL-F



AVAILABLE MOUNTING CONFIGURATIONS	
4NLDL-F5 FRAME MOUNT	
4NLDL-VF5 VERTICAL FRAME MOUNT	
4NLDL-EM ENGINE MOUNT	
4NLDL-VC VERTICAL COUPLED	

OPERATING LEVELS		
MIN FLOW	50 GPM	11.3 m ³ /h
MAX FLOW	520 GPM	118.1 m ³ /h
DISCHARGE SIZE	4"	102 mm
SUCTION SIZE	4"	102 mm
SOLIDS HANDLING	3"	76 mm
MAX SPEED	2000 RPM	2000 RPM
SHUT-OFF HEAD	86'	26.2 m
BEP HEAD	46'	14 m
BEP FLOW	320 GPM	72.7 m ³ /h
BEP PERCENT	50%	50%



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.

PARTS	STANDARD MATERIAL (ALL IRON)
IMPELLER	CAST IRON ASTM A48 CLASS 30
VOLUTE	CAST IRON ASTM A48 CLASS 30
SHAFT	LASALLE STRESSPROOF STAINLESS STEEL
SHAFT SLEEVE	304 STAINLESS STEEL
SUCTION COVER	CAST IRON ASTM A48 CLASS 30
SEAL HOUSING	CAST IRON ASTM A48 CLASS 30
MECHANICAL SEAL	TUNGSTEN CARBIDE / SILICON CARBIDE
BEARING HOUSING	CAST IRON ASTM A48 CLASS 30

Pump designed with Cornell's renowned quality and durability. It features a 4" discharge and a 4" suction. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. Bearings are heavy-duty, grease lubricated, deep groove ball bearings with a minimum of 50,000 hours bearing life.

- Delta-style impeller
- Ideally suited for water and water booster applications.
- Back pull-out design
- RunDry™ option (Indefinite run dry capability)
- Heavy duty construction
- Patented Cycloseal® design
- Industry-leading two-year warranty



AGRICULTURE



FOOD



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MINING



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OIL & GAS



REFRIGERATION



RENTAL

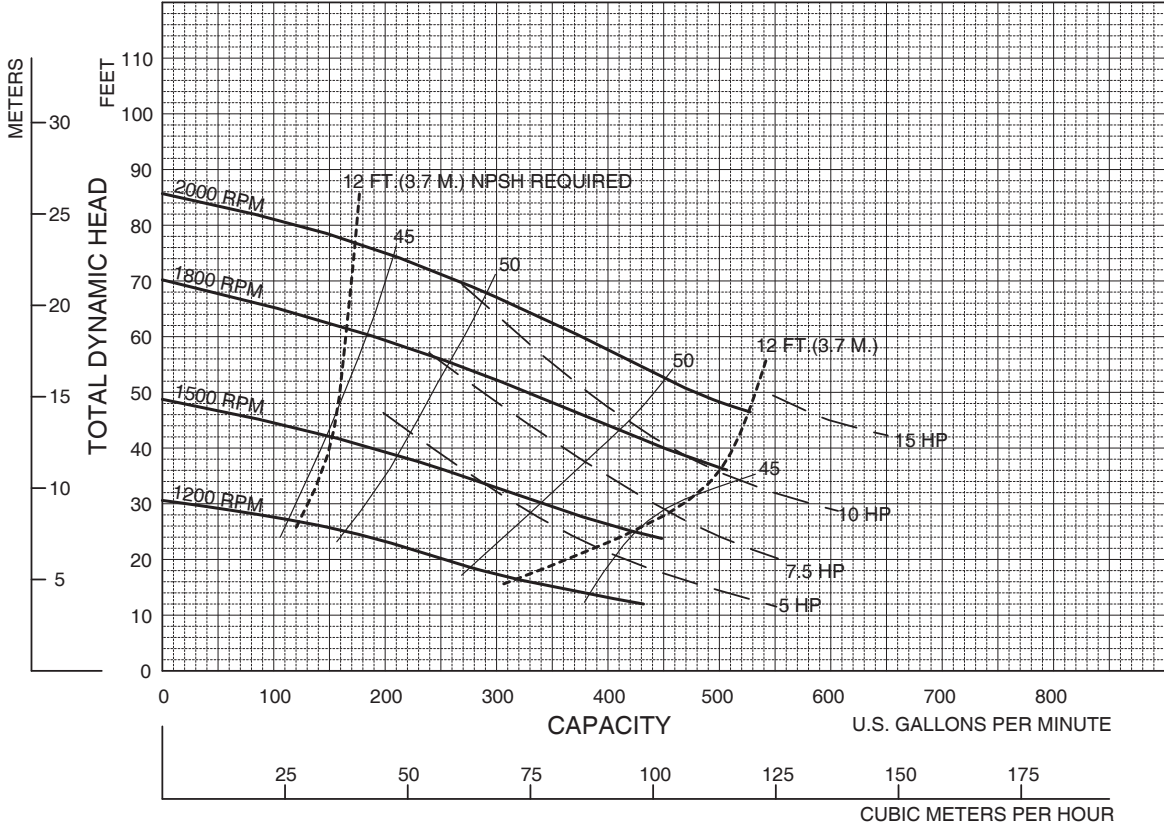
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Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
VARIOUS	8.38"	SEMI-OPEN	3"	1800	4"	4"	2

Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

SINGLE VOLUTE MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



Performances shown are for cool water, close-coupled electric configuration with packing. Other mounting styles or liquids may require horsepower and/or performance adjustments.

NEW PAGE

4NLDLVA

9/99



Cornell Pump Company • Portland, Oregon

4NLDL - VARIOUS RPM