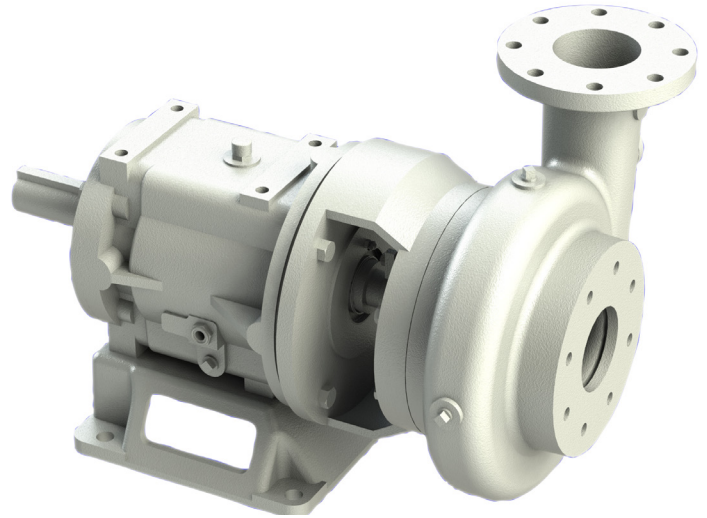


AVAILABLE MOUNTING CONFIGURATIONS

4NMP-F5K FRAME MOUNT
4NMP-F16K FRAME MOUNT

OPERATING LEVELS

MIN FLOW	100 GPM	22.71 m ³ /h
MAX FLOW	800 GPM	181.70 m ³ /h
DISCHARGE SIZE	4"	101.6 mm
SUCTION SIZE	4"	101.6 mm
SOLIDS HANDLING	2.94" x 4.0"	74.7mm x 101.6 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	102'	31.09 m
BEP HEAD	50'	15.34 m
BEP FLOW	620 GPM	140.82 m ³ /h
BEP PERCENT	68%	68%



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 (FOOD PUMPS)
WEAR RING	CAST IRON, ASTM A48
IMPELLER	304 STAINLESS STEEL
VOLUTE	CAST IRON, ASTM A48
SHAFT	STRESSPROOF STEEL
SHAFT SLEEVE	303 STAINLESS STEEL
SEAL HOUSING	DUCTILE IRON
SEAL	FOOD GRADE PACKING
BEARING FRAME	CAST IRON, ASTM A48

The 4NMP pump is designed with Gemstone's renowned quality and durability. It features a 4" discharge and a 4" suction with an enclosed, single-port impeller. Gemstone's patented Cycloseal® design is optional, 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. Also available with food-grade packing. Bearings are heavy-duty, oil or grease lubricated, deep groove ball bearings with a minimum of 50,000 hours bearing life.

- Single port impeller for handling whole or processed foods
- Available with Food grade packing (Standard) or Cycloseal
- Standard with all iron wet end and a 304SS impeller
- Optional Run-Dry lubrication system



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL



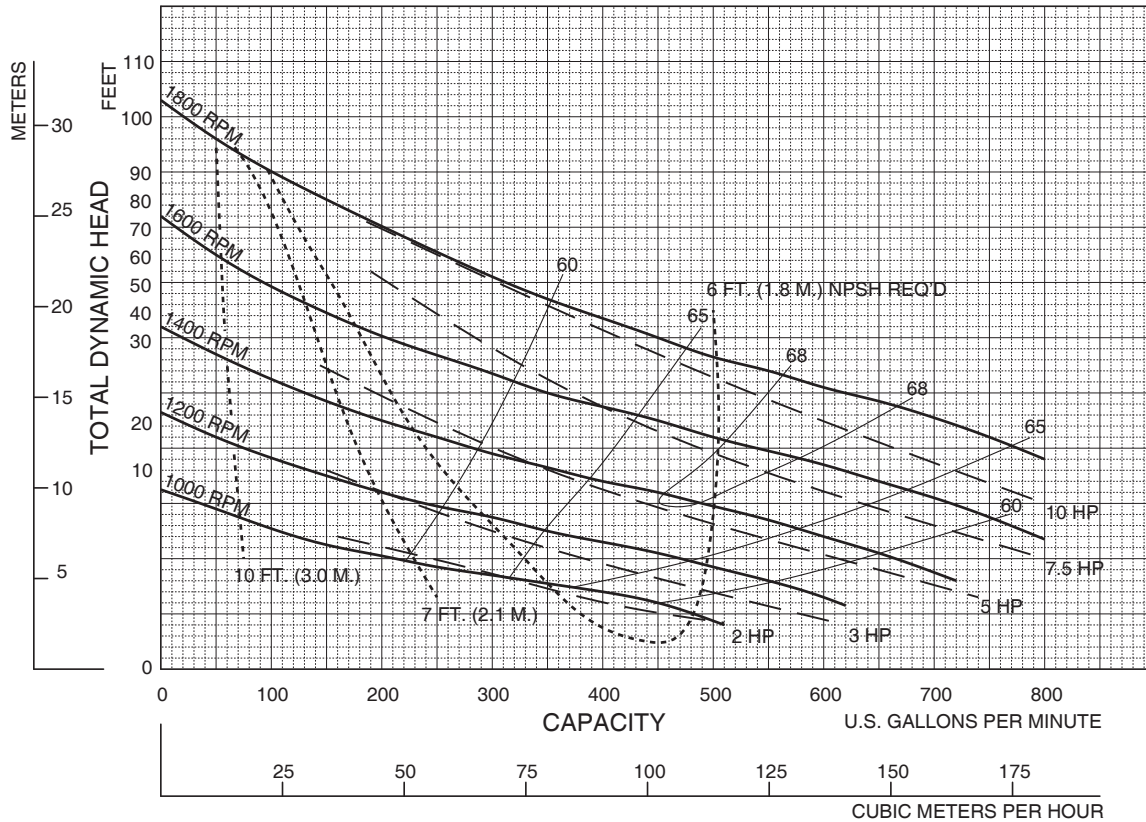
4NMP

NEW PAGE

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

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
VARIOUS	9"	ENCLOSED	2.94"x4.0"	2350	4"	4"	1

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



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

4NMPVA

6/99

Gemstone Pump Company

4NMP - VARIOUS RPM