

# 24NNG



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.

### AVAILABLE MOUNTING CONFIGURATIONS

24NNG-F FRAME MOUNT  
 24NNG-RP-F REDI-PRIME FRAME MOUNT  
 24NNG-VF VERTICAL FRAME MOUNT  
 24NNG-VC VERTICAL COUPLED

### OPERATING LEVELS

<b>MIN FLOW</b>	6500 GPM	1476.3 m <sup>3</sup> /h
<b>MAX FLOW</b>	33000 GPM	7495.1 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	24"	609.6 mm
<b>SUCTION SIZE</b>	24"	609.6 mm
<b>SOLIDS HANDLING</b>	5.3"	133.3 mm
<b>MAX SPEED</b>	750 RPM	750 RPM
<b>SHUT-OFF HEAD</b>	135'	41.1 m
<b>BEP HEAD</b>	95'	29 m
<b>BEP FLOW</b>	24,600 GPM	5.6 m <sup>3</sup> /h
<b>BEP PERCENT</b>	87%	87%

PARTS	STANDARD MATERIAL (ALL IRON)
WEAR RING	CAST IRON
IMPELLER	DUCTILE IRON
VOLUTE	DUCTILE IRON
SHAFT	17-4PH STAINLESS STEEL
SHAFT SLEEVE	416 SS
SUCTION COVER	DUCTILE IRON
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON

The 24NNG pump is designed with Cornell's renowned quality and durability. It features a 24" discharge, 24" suction, enclosed impeller, and single volute. 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.

- Heavy-duty 17-4 PH drive shaft
- Heavy duty bearing frame with high capacity bearings
- Enclosed three vane impeller capable of passing 5.25 inch spherical solids
- Industry leading efficiencies



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RENTAL

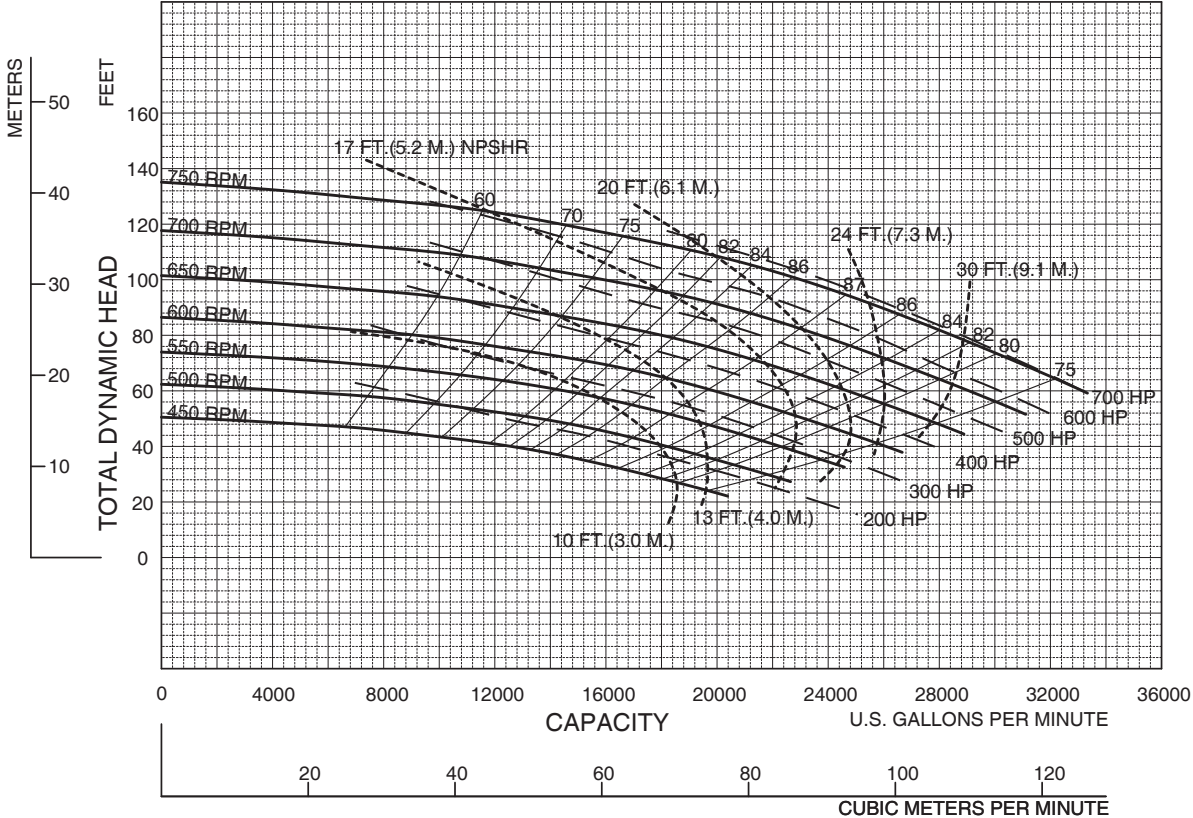
# 24NNG



Speed	Impeller Dia.	Style	Solids Dia.	N <sub>S</sub>	Suction	Discharge	No. vanes
VARIOUS	28.00"	ENCLOSED	5.25"	3880	24"	24"	3

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.: F, VF, VC



Performances shown are for cool water, frame mounted configuration with Cyclo Seal. Other liquids, seal arrangements or mounting configurations may require performance adjustments.

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Cornell Pump Company • Portland, Oregon

24NNG - VARIOUS RPM

NEW PAGE

24NNGVA