

16NHG



AVAILABLE MOUNTING CONFIGURATIONS	
16NHG-F FRAME MOUNT	
16NHG-RP-F REDI-PRIME FRAME MOUNT	
16NHG-EM ENGINE MOUNT	
16NHG-RP-EM REDI-PRIME ENGINE MOUNT	
16NHG-VF VERTICAL FRAME MOUNT	
16NHG-VC VERTICAL COUPLED	

OPERATING LEVELS		
MIN FLOW	2000 GPM	249.8 m ³ /h
MAX FLOW	13500 GPM	3066.2 m ³ /h
DISCHARGE SIZE	16"	406.4 mm
SUCTION SIZE	12"	355.6 mm
SOLIDS HANDLING	4"	101.6 mm
MAX SPEED	1500 RPM	1500 RPM
SHUT-OFF HEAD	214'	65.2 m
BEP HEAD	157'	47.9 m
BEP FLOW	8880 GPM	2016.9 m ³ /h
BEP PERCENT	85%	85%



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.

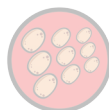
PARTS	STANDARD MATERIAL (ALL IRON)
WEAR RING	CAST IRON
IMPELLER	DUCTILE IRON
VOLUTE	DUCTILE IRON
SHAFT	17-4PH STAINLESS STEEL
SHAFT SLEEVE	416 SS
SUCTION COVER	DUCTILE IRON
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON

The 16NHG pump is designed with Cornell's renowned quality and durability. It features a 16" discharge, 12" suction, single centerline or tangential volute, and enclosed 3-vane impeller. 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 4 inch spherical solids
- Industry leading efficiencies



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

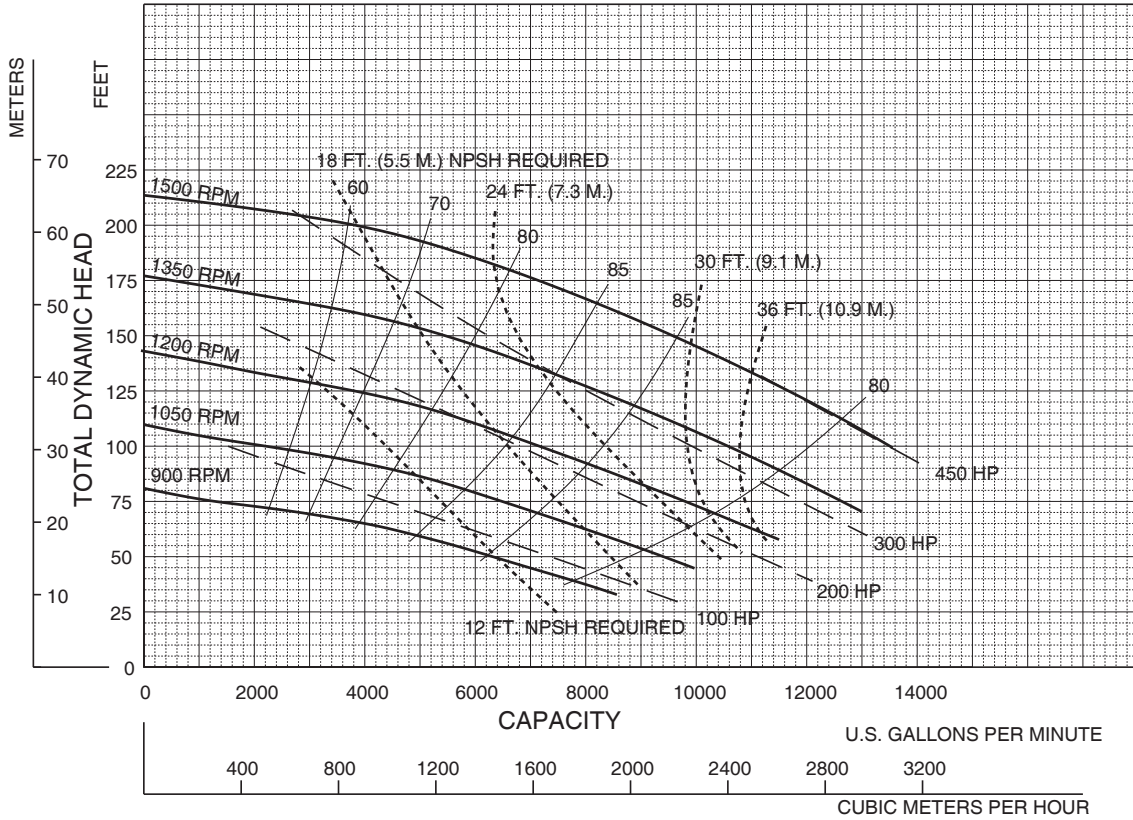
16NHG



Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
VARIOUS	17.5" @ 0°	ENCLOSED	4"	3250	12"	14"	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.: 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.

NEW PAGE

14NHGVA

8/99



Cornell Pump Company • Portland, Oregon

14NHG - VARIOUS RPM