

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

6612CP-EM ENGINE MOUNT

## OPERATING LEVELS

MIN FLOW	150 GPM	34.5 m <sup>3</sup> /h
MAX FLOW	2360 GPM	536 m <sup>3</sup> /h
DISCHARGE SIZE	6"	152 mm
SUCTION SIZE	6"	152 mm
SOLIDS HANDLING	3"	76 mm
MAX SPEED	2000 RPM	2000 RPM
SHUT-OFF HEAD	184'	56 m
BEP HEAD	119'	36.3 m
BEP FLOW	1850 GPM	420 m <sup>3</sup> /h
BEP PERCENT	68%	68%

PARTS	STANDARD MATERIAL (ALL IRON)
IMPELLER	DUCTILE IRON
VOLUTE	DUCTILE IRON
SHAFT	17-4 PH STAINLESS STEEL
SHAFT SLEEVE	303 STAINLESS STEEL
SUCTION COVER	DUCTILE IRON
WEAR PLATE	MILD STEEL
SEAL HOUSING	CAST IRON
MECHANICAL SEAL	SILICON CARBIDE VS. SILICON CARBIDE
BEARING FRAME	DUCTILE IRON

The 6612CP pump is designed with Cornell's renowned quality and durability. It features a 6" discharge, 6" suction, and tangential volute and semi-open impeller. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Viton elastomers, stainless steel hardware and silicon carbide vs. silicon carbide seal faces for abrasion resistance. Bearings are angular contact bearings on DE, and deep groove ball bearings on PE.

- Low cost, durable Cornell Quality
- Redi-Prime® available for fully-automatic continuous priming
- Also available with Venturi Prime option
- Ideal for clear water and wastewater applications
- Heavy-duty bearing frame
- Two-year warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION

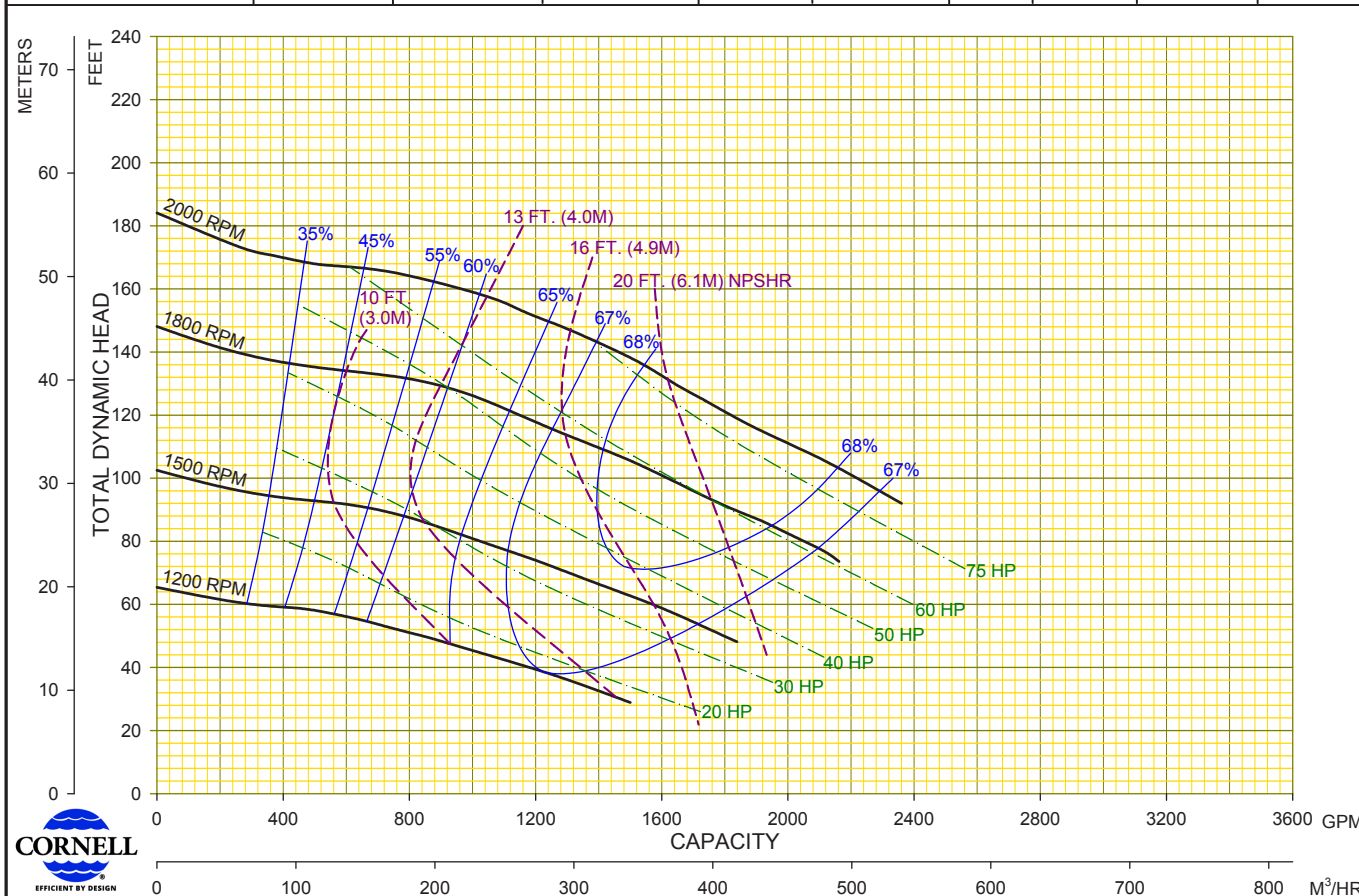


RENTAL



# 6612CP

Performances shown are for S.G. 1.0 60°F water, close-coupled configuration. Other mounting styles or S.G. may require curve adjustments.	Speed	Impeller Dia.	Style	Volute	Solids Dia.	N <sub>s</sub>	Suction	Discharge	No. Vanes
	VARIOUS	12.38"	SEMI-OPEN	SINGLE	3"	2375	6"	6"	2



Cornell Pump Company • Clackamas, Oregon	01 03/17/15 CTG	MODEL : 6612CP	CURVE NO:
	00 11/24/14 BE	TYPE : SOLIDS HANDLING	6612CPVA