

AVAILABLE MOUNTING CONFIGURATIONS

4410CP-EM ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	160 GPM	36.8 m ³ /h
MAX FLOW	1280 GPM	291 m ³ /h
DISCHARGE SIZE	4"	102 mm
SUCTION SIZE	4"	102 mm
SOLIDS HANDLING	3"	76 mm
MAX SPEED	2200 RPM	2200 RPM
SHUT-OFF HEAD	170'	52 m
BEP HEAD	120'	37 m
BEP FLOW	880 GPM	200 m ³ /h
BEP PERCENT	67%	67%



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	DUCTILE IRON
VOLUTE	DUCTILE IRON
SHAFT	17-4 PH STAINLESS STEEL
SHAFT SLEEVE	303 STAINLESS STEEL
SUCTION COVER	CAST IRON
WEAR PLATE	MILD STEEL
SEAL HOUSING	DUCTILE IRON
MECHANICAL SEAL	SILICON CARBIDE VS. SILICON CARBIDE
BEARING FRAME	DUCTILE IRON

The 4410CP pump is designed with Cornell's renowned quality and durability. It features a 4" discharge, 4" 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



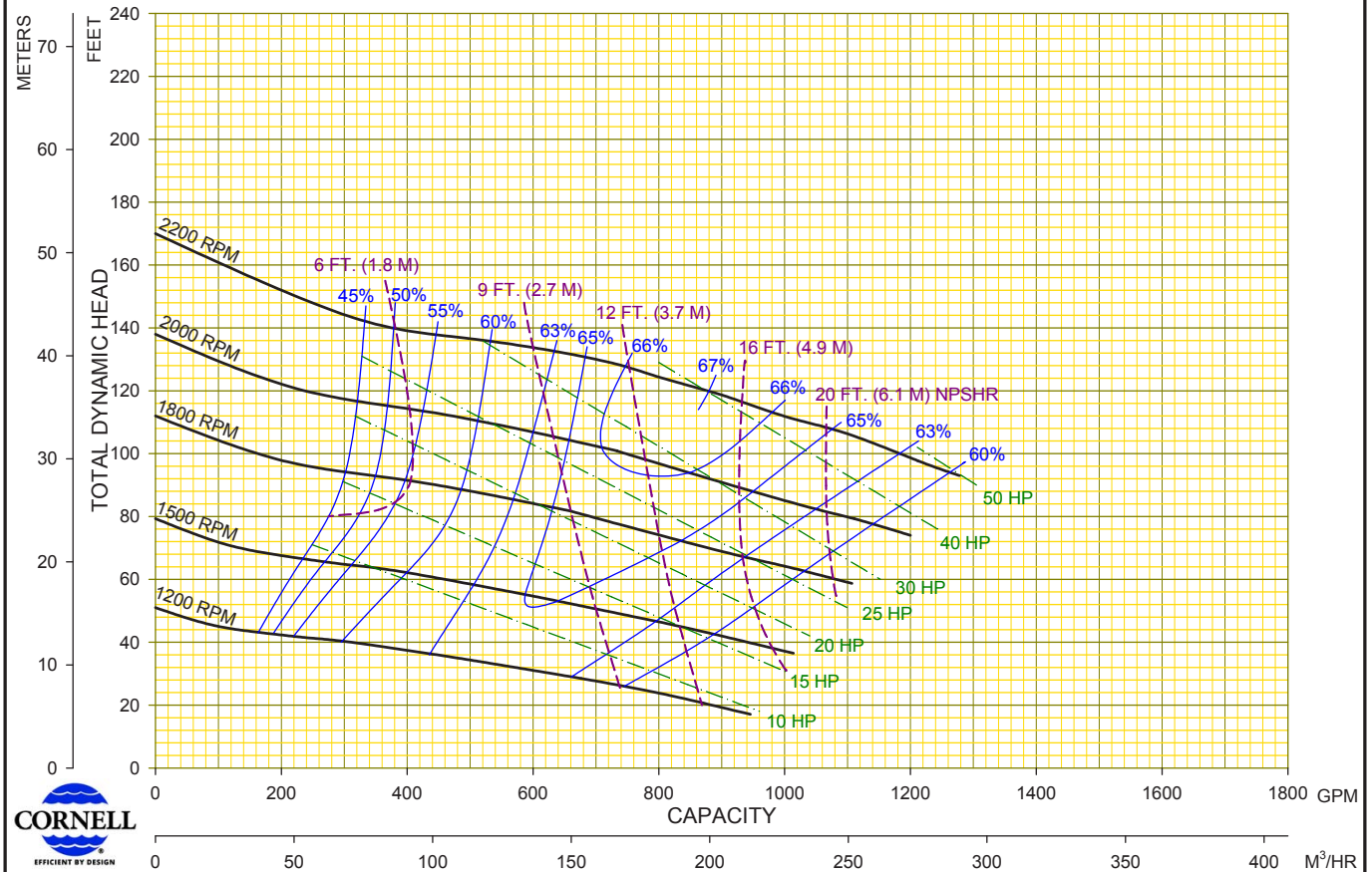
RENTAL



4410CP

Performances shown are for S.G. 1.0
60°F water, frame mount configuration.
Other mounting styles or S.G.
may require curve adjustments.

Speed	Impeller Dia.	Style	Volute	Solids Dia.	N _s	Suction	Discharge	No. Vanes
VARIOUS	9.75"	SEMI-OPEN	SINGLE	3"	1800	4"	4"	2



Cornell Pump Company • Clackamas, Oregon		01	04/06/15	BE	MODEL : 4410CP TYPE : SOLIDS HANDLING	CURVE NO: 4410CPVA
		00	09/24/14	CTG		