

**AVAILABLE MOUNTING CONFIGURATIONS**

4409T-EM ENGINE MOUNT

**OPERATING LEVELS**

MIN FLOW	220 GPM	50 m <sup>3</sup> /h
MAX FLOW	1000 GPM	227 m <sup>3</sup> /h
DISCHARGE SIZE	4"	102 mm
SUCTION SIZE	4"	102 mm
SOLIDS HANDLING	2.38"	60 mm
MAX SPEED	2200 RPM	2200 RPM
SHUT-OFF HEAD	136'	41 m
BEP HEAD	88'	27 m
BEP FLOW	750 GPM	170 m <sup>3</sup> /h
BEP PERCENT	73%	73%



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 SS
SHAFT SLEEVE	303 SS
SUCTION COVER	DUCTILE IRON
SEAL HOUSING	DUCTILE IRON
MECHANICAL SEAL	SILICON CARBIDE X SILICON CARBIDE
BEARING FRAME	DUCTILE IRON

The 4409T pump is designed with Cornell's renowned quality and durability. It features a 4" discharge, 4" suction, and enclosed impeller. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and silicon carbide vs. silicon carbide seal faces for abrasion resistance.

- Low cost, durable Cornell Quality
- Completely re-buildable
- Redi-Prime® available for fully-automatic continuous priming
- Also available with Venturi Prime option
- Competitive Pricing



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL &amp; GAS



REFRIGERATION



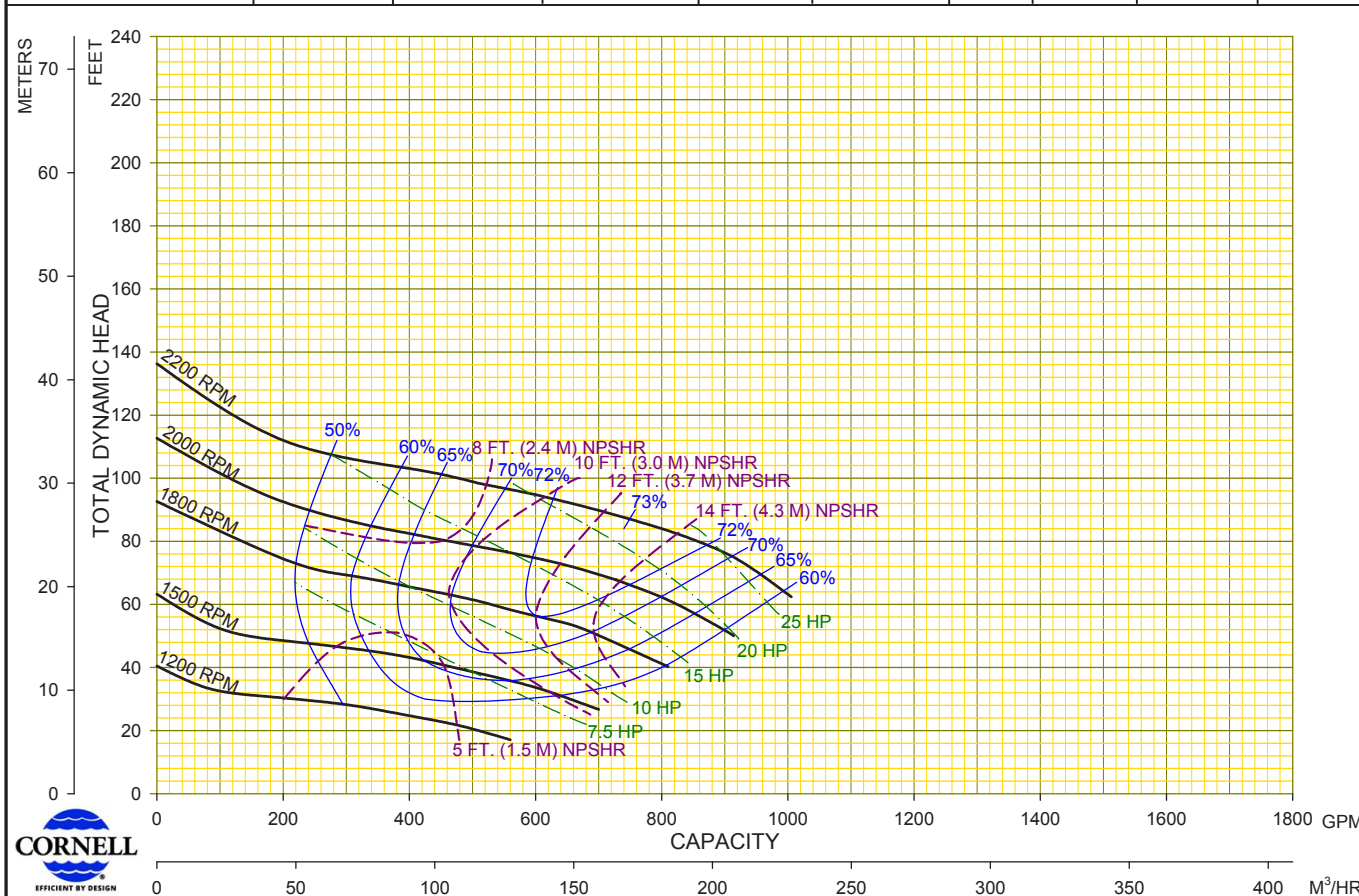
RENTAL



# DATA SHEET

# 4409T

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 <sub>s</sub>	Suction	Discharge	No. Vanes
	VARIOUS	8.75"	ENCLOSED	SINGLE	2.38"	2150	4"	4"	2



Cornell Pump Company • Clackamas, Oregon

01 01/05/16 BE  
00 06/25/15 BE

MODEL : 4409T  
TYPE : SOLIDS HANDLING

CURVE NO: 4409TVA

DS218-1703-GE