



A typical picture of the pump is shown. Please contact Gemstone Pump Company for further details. All information is approximate and for general guidance only.

AVAILABLE MOUNTING CONFIGURATIONS

4409CP-EM ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	140 GPM	32 m ³ /h
MAX FLOW	1050 GPM	238 m ³ /h
DISCHARGE SIZE	4"	102 mm
SUCTION SIZE	4"	102 mm
SOLIDS HANDLING	2.5"	64 mm
MAX SPEED	2200 RPM	2200 RPM
SHUT-OFF HEAD	139'	42 m
BEP HEAD	90'	27 m
BEP FLOW	800 GPM	182 m ³ /h
BEP PERCENT	73%	73%

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 4409CP pump is designed with Gemstone's renowned quality and durability. It features a 4" discharge, 4" suction, and enclosed impeller. Gemstone'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
- Venturi Prime priming system
- Competitive Pricing



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



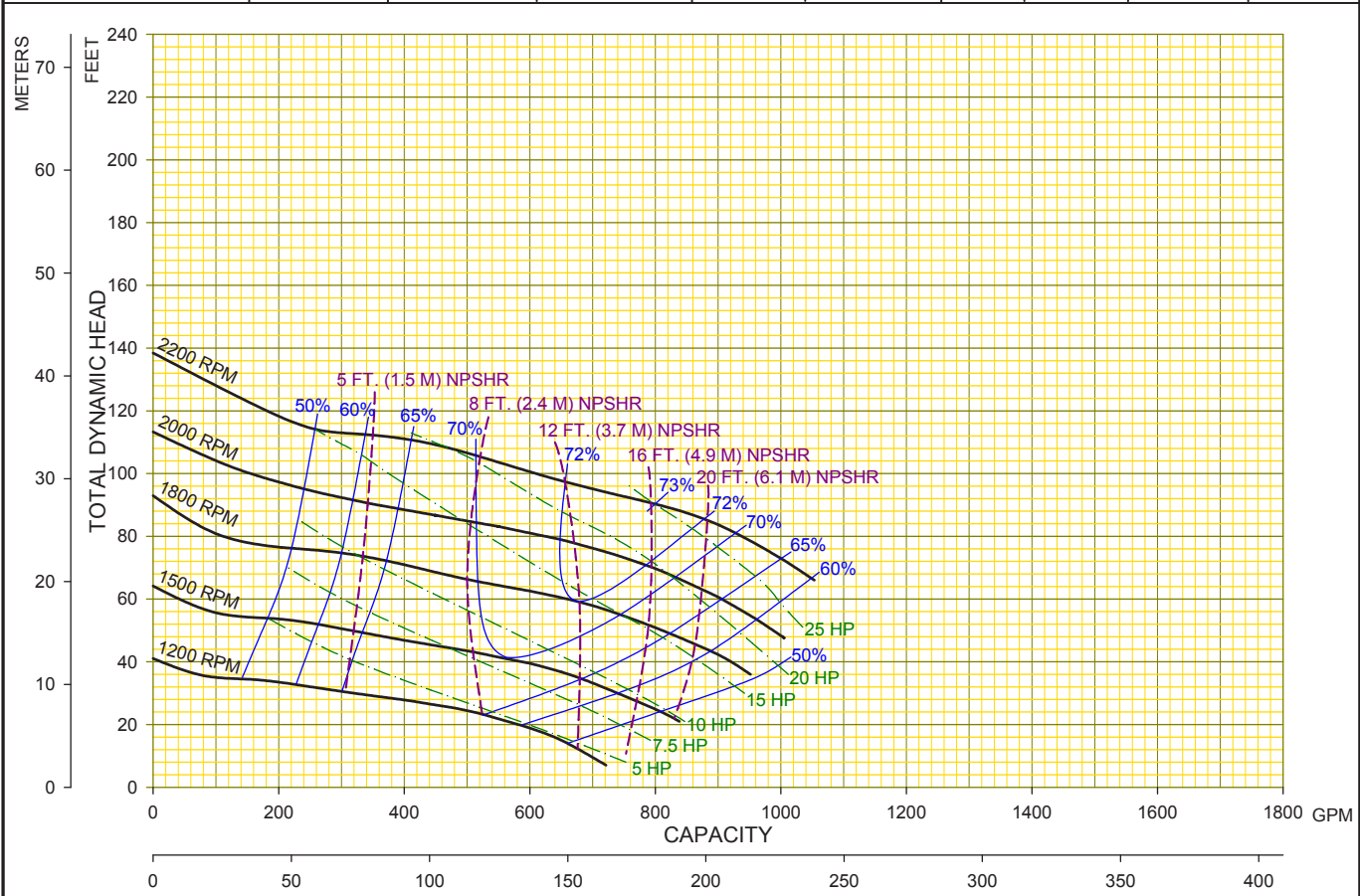
RENTAL



4409CP

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	8.75"	SEMI-OPEN	SINGLE	2.5"	2150	4"	4"	2



Gemstone Pump Company	01	01/05/16	BE	MODEL : 4409CP	CURVE NO: 4409CPVA
	00	05/21/15	BE	TYPE : SOLIDS HANDLING	