



# AQUARIUS PUMP COMPANY

## 4409CP

### AVAILABLE MOUNTING CONFIGURATIONS

4409CP-EM ENGINE MOUNT

### OPERATING LEVELS

MIN FLOW	140 GPM	32 m <sup>3</sup> /h
MAX FLOW	1050 GPM	238 m <sup>3</sup> /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 <sup>3</sup> /h
BEP PERCENT	73%	73%



A typical picture of the pump is shown. Please contact Aquarius 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 4409CP pump is designed with Aquarius's renowned quality and durability. It features a 4" discharge, 4" suction, and enclosed impeller. Aquarius's patented Cycloseal<sup>®</sup> 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 Aquarius Quality
- Completely re-buildable
- Redi-Prime<sup>®</sup> available for fully-automatic continuous priming
- Also available with Venturi Prime option
- Competitive Pricing



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

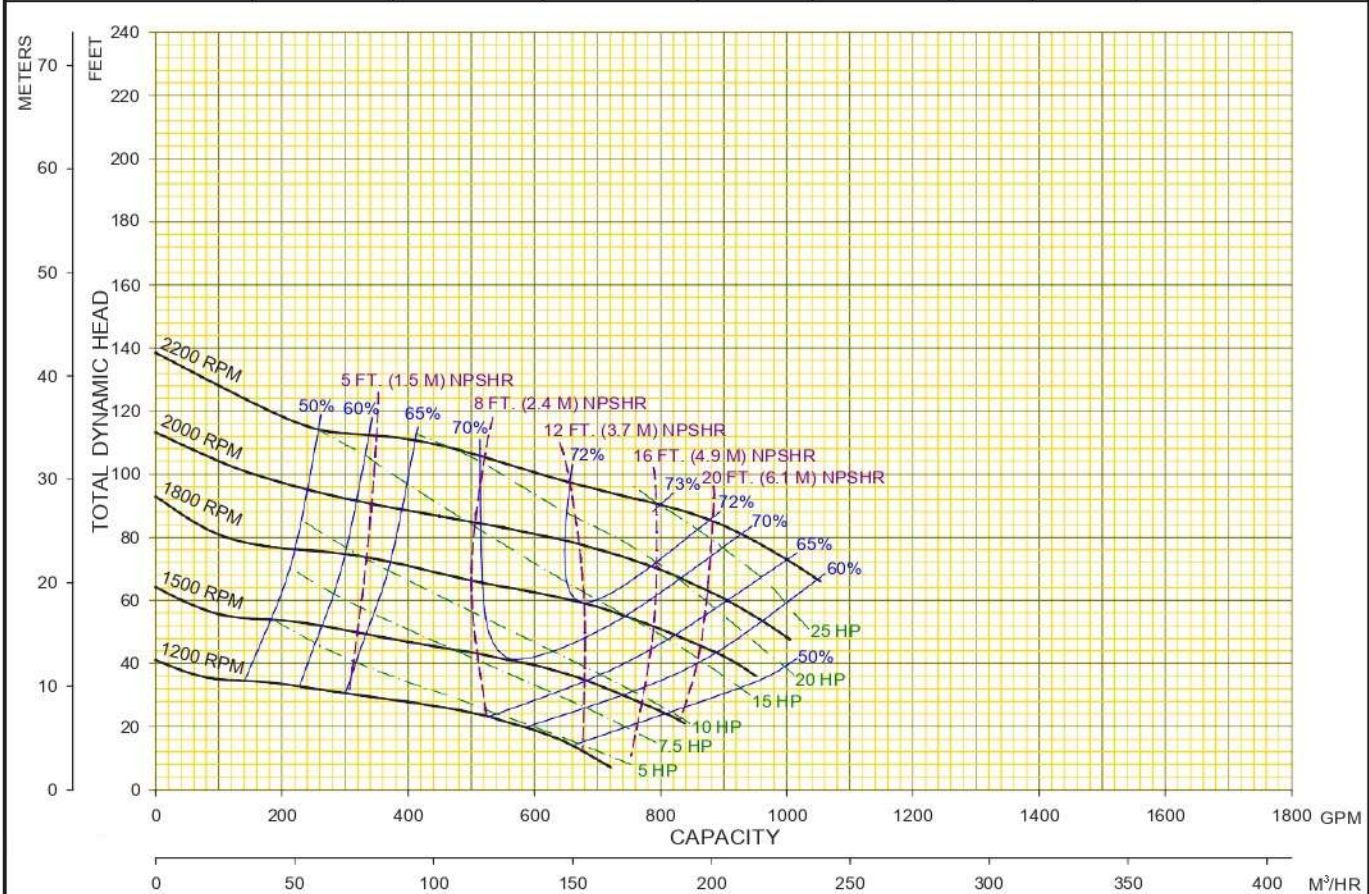


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Performances shown are for S.G. 1.0  
80°F water, frame mount configuration.  
Other mounting styles or S.G.  
may require curve adjustments.

Speed	Impeller Dia.	Style	Volute	Solids Dia.	N <sub>s</sub>	Suction	Discharge	No. Vanes
VARIOUS	8.75"	SEMI-OPEN	SINGLE	2.5"	2150	4"	4"	2



	Aquarius Pump Company	01	01/05/16	BE	MODEL : 4409CP	CURVE NO. <b>4409CPVA</b>
		00	05/21/15	BE	TYPE : SOLIDS HANDLING	