

6819MPC-F

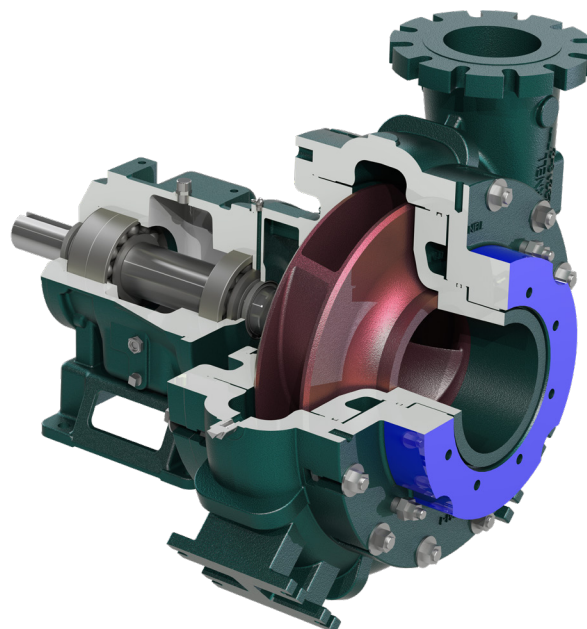


AVAILABLE MOUNTING CONFIGURATIONS

6819MPC-RP-F REDI-PRIME FRAME MOUNT
 6819MPC-F FRAME MOUNT
 6819MPC-RP-EM REDI-PRIME ENGINE MOUNT
 6819MPC-EM ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	850 GPM	193.1 m ³ /h
MAX FLOW	4325 GPM	982.3 m ³ /h
DISCHARGE SIZE	6"	152.4 mm
SUCTION SIZE	8"	203.2 mm
SOLIDS HANDLING	3"	76.2 mm
MAX SPEED	2100 RPM	2100 RPM
SHUT-OFF HEAD	651'	198.4 m
BEP HEAD	520'	158.5 m
BEP FLOW	3125 GPM	709.8 m ³ /h
BEP PERCENT	77%	77%



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	HYBRID	HIGH CHROME
IMPELLER	CHROME IRON	CHROME IRON
VOLUTE	DUCTILE IRON	CHROME IRON
SHAFT	17-4 P.H. STAINLESS STEEL	17-4 P.H. STAINLESS STEEL
SHAFT SLEEVE	416 STAINLESS STEEL CHR. PLATED	416 STAINLESS STEEL CHR. PLATED
SUCTION COVER	DUCTILE IRON	DUCTILE IRON
BACKPLATE	DUCTILE IRON	CHROME IRON
WEAR PLATE	CHROME IRON	CHROME IRON
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON	CAST IRON
O-RINGS	VITON	VITON

The 6819MPC-F pump is designed with Cornell's renowned quality and durability. It features a 6" discharge, 8" suction, and enclosed impeller. Available in hybrid or high chrome materials. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Viton elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Heavy-duty construction
- Enclosed impeller for higher efficiency
- Flow rates up to 4325 GPM / Heads up to 650'
- Handles solids up to 3"
- Hardness > 600BHN wears better than standard cast iron
- RunDry™ option (Indefinite run dry capability)
- Heavy-duty bearing frame
- Patented Cycloseal® design
- Redi-Prime® available for fully-automatic continuous priming
- Replaceable wear plate



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



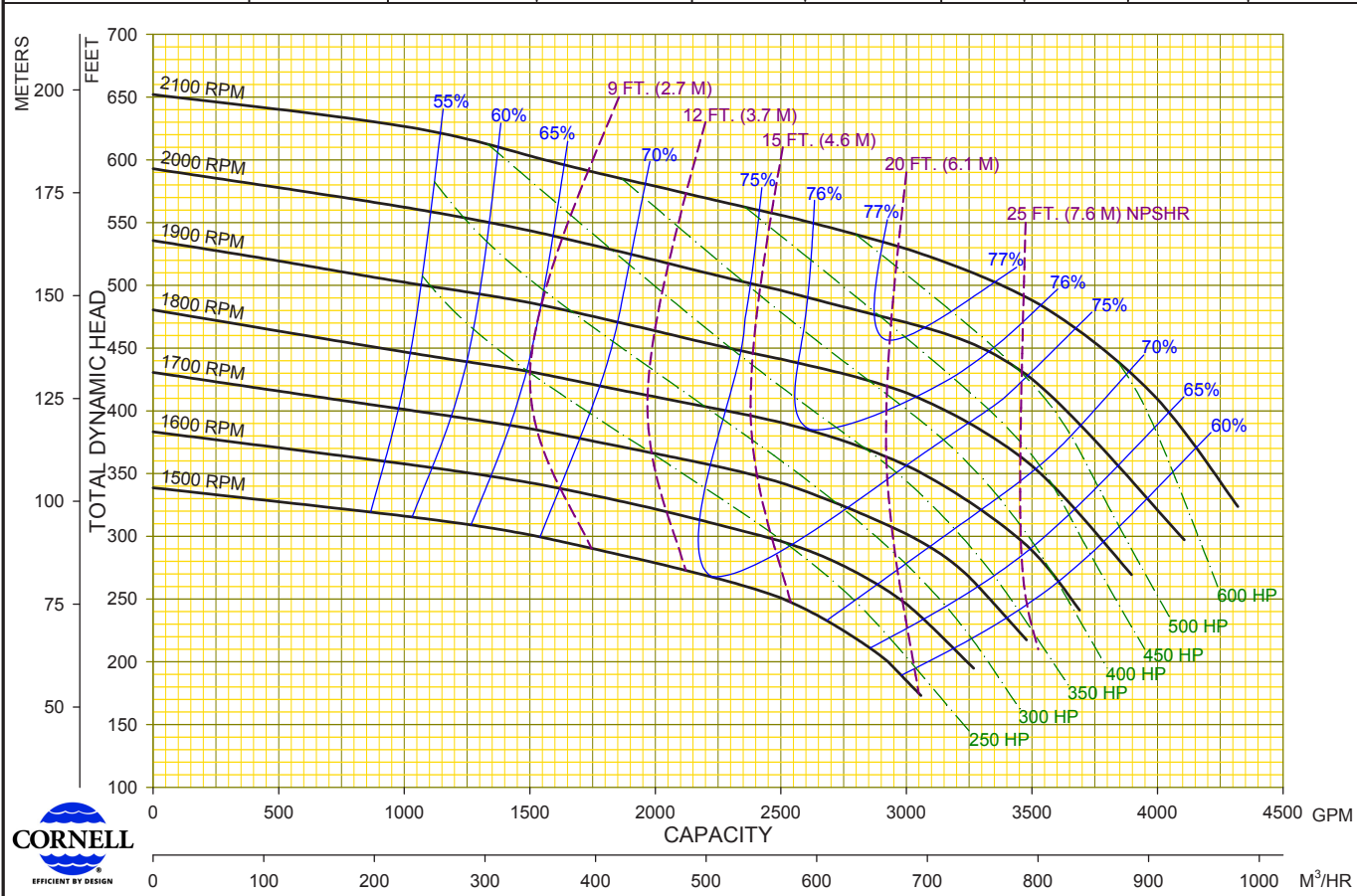
RENTAL

6819MPC-F



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

Speed	Impeller Dia.	Style	Volute	Solids Dia.	N _s	Suction	Discharge	No. Vanes
VARIOUS	19.50"	ENCLOSED	SINGLE	3.00"	1080	8"	6"	2



Cornell Pump Company • Clackamas, Oregon	05	06/07/16	CTG	MODEL : 6819MPC	CURVE NO: 6819MPCVA
	04	01/22/16	AE	TYPE : SOLIDS HANDLING	