

4517MP-F

AVAILABLE MOUNTING CONFIGURATIONS

4517MP-F FRAME MOUNT
4517MP-EM ENGINE MOUNT
4517MP-RP-F REDI-PRIME FRAME MOUNT
4517MP-RP-EM REDI-PRIME ENGINE MOUNT

OPERATING LEVELS

MIN FLOW	375 GPM	85 m ³ /h
MAX FLOW	1750 GPM	397 m ³ /h
DISCHARGE SIZE	4"	100 mm
SUCTION SIZE	5"	125 mm
SOLIDS HANDLING	3"	76 mm
MAX SPEED	2000 RPM	2000 RPM
SHUT-OFF HEAD	480'	146 m
BEP HEAD	390'	119 m
BEP FLOW	1525 GPM	346 m ³ /h
BEP	68%	68%



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.

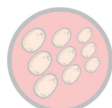
PARTS	HYBRID	HIGH CHROME
IMPELLER	CHROME IRON	CHROME IRON
VOLUTE	DUCTILE IRON	CHROME IRON
SHAFT	17-4 P.H. STAINLESS STEEL	17-4 P.H. STAINLESS STEEL
SHAFT SLEEVE	416 STAINLESS STEEL CHR. PLATED	416 STAINLESS STEEL CHR. PLATED
SUCTION COVER	DUCTILE IRON	DUCTILE IRON
BACKPLATE	DUCTILE IRON	CHROME IRON
WEAR 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 4517MP pump is designed with Cornell's renowned quality and durability. It features a 4" discharge, 5" 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 F18 bearing frame with double angular contact thrust bearing on frame-mount models.

- Flow rates up to 2,000 GPM / Heads up to 470'
- Redi-Prime® available for fully-automatic continuous priming
- RunDry™ option (Indefinite run dry capability)
- Hardness rating > 600BHN provides better wear
- Heavy-duty construction
- Front adjustable wear plate
- Replaceable wear plates



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION

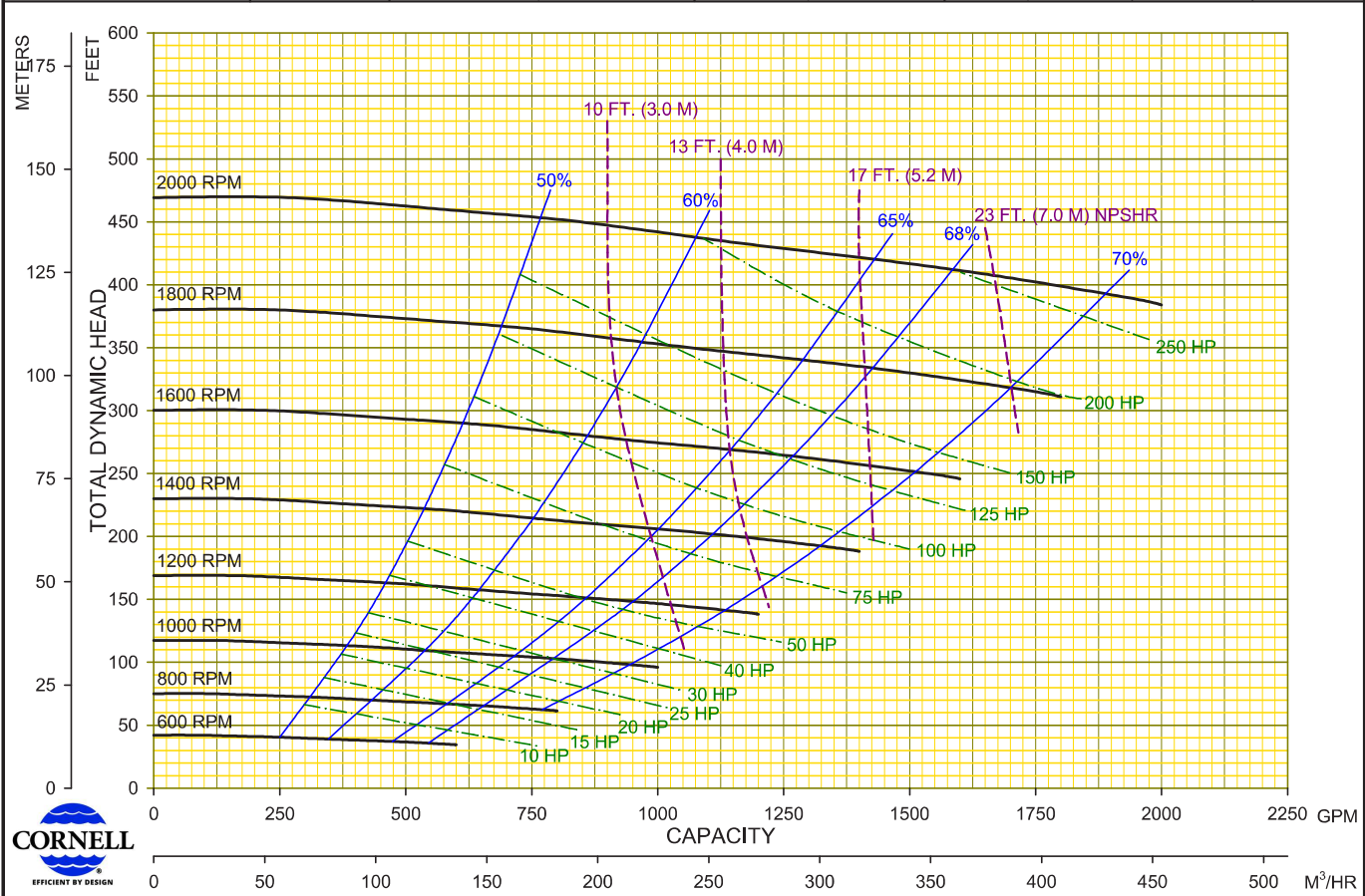


RENTAL

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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	17.50"	ENCLOSED	SINGLE	3.00"	980	5"	4"	2



Cornell Pump Company • Clackamas, Oregon	01 00	02/10/15 06/21/13	CTG	MODEL : 4517MP TYPE : SOLIDS HANDLING	CURVE NO: 4517MPVA
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