

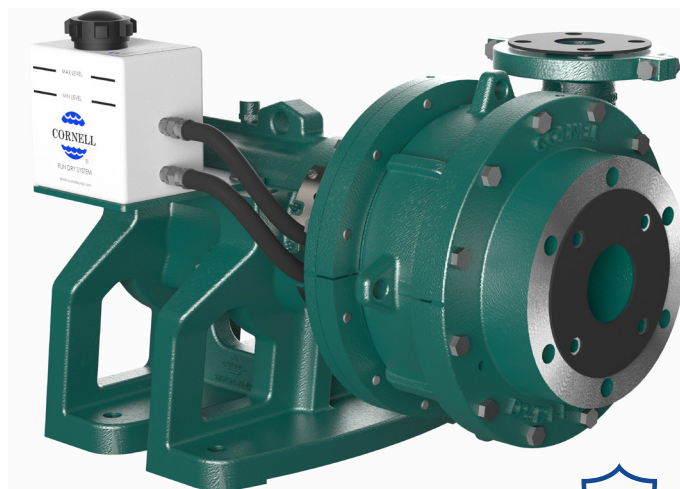


2309SM

AVAILABLE MOUNTING CONFIGURATIONS

2309SM-F FRAME MOUNT

OPERATING LEVELS		
MIN FLOW	125 GPM	28.4 m ³ /h
MAX FLOW	730 GPM	165.8 m ³ /h
DISCHARGE SIZE	2"	50.8 mm
SUCTION SIZE	3"	76.2 mm
SOLIDS HANDLING	1"	25.4 mm
MAX SPEED	3200 RPM	3200 RPM
SHUT-OFF HEAD	323'	98.5 m
BEP HEAD	280'	85.3 m
BEP FLOW	592 GPM	134.5 m ³ /h
BEP PERCENT	60%	60%



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	HIGH CHROME
IMPELLER	CHROME IRON
VOLUTE	CHROME IRON
VOLUTE CASING	CHROME IRON
SHAFT	4140 STEEL
SHAFT SLEEVE	420 STAINLESS STEEL
SUCTION COVER	DUCTILE IRON
WEAR PLATE	CHROME IRON
BACKPLATE	CHROME IRON
EXPELLER	CHROME IRON

The 2309SM pump is designed with Cornell's renowned quality and durability. It features a 2" discharge, 3" suction, and enclosed impeller. The pump's wet end construction is high-chrome white iron. Cornell's patented CycloSeal® design with CycloGuard™ is standard and includes a Type 2 single seal with Buna-N elastomers, and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. The bearing frame includes tapered roller bearings. Multiple gland seal options: CycloSeal - standard. Optional - Packed gland arrangements, expeller seal and double mechanical seal.

- Back pull-out design
- Enclosed impeller for higher efficiency
- Grease lubrication standard - oil lubrication optional
- Heavy-duty bearing frame
- Patented CycloSeal design
- CycloGuard™ to reduce inlet recirculation
- Infinitely variable discharge position
- High pressure capabilities ideal for series/multistage pumping applications



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION

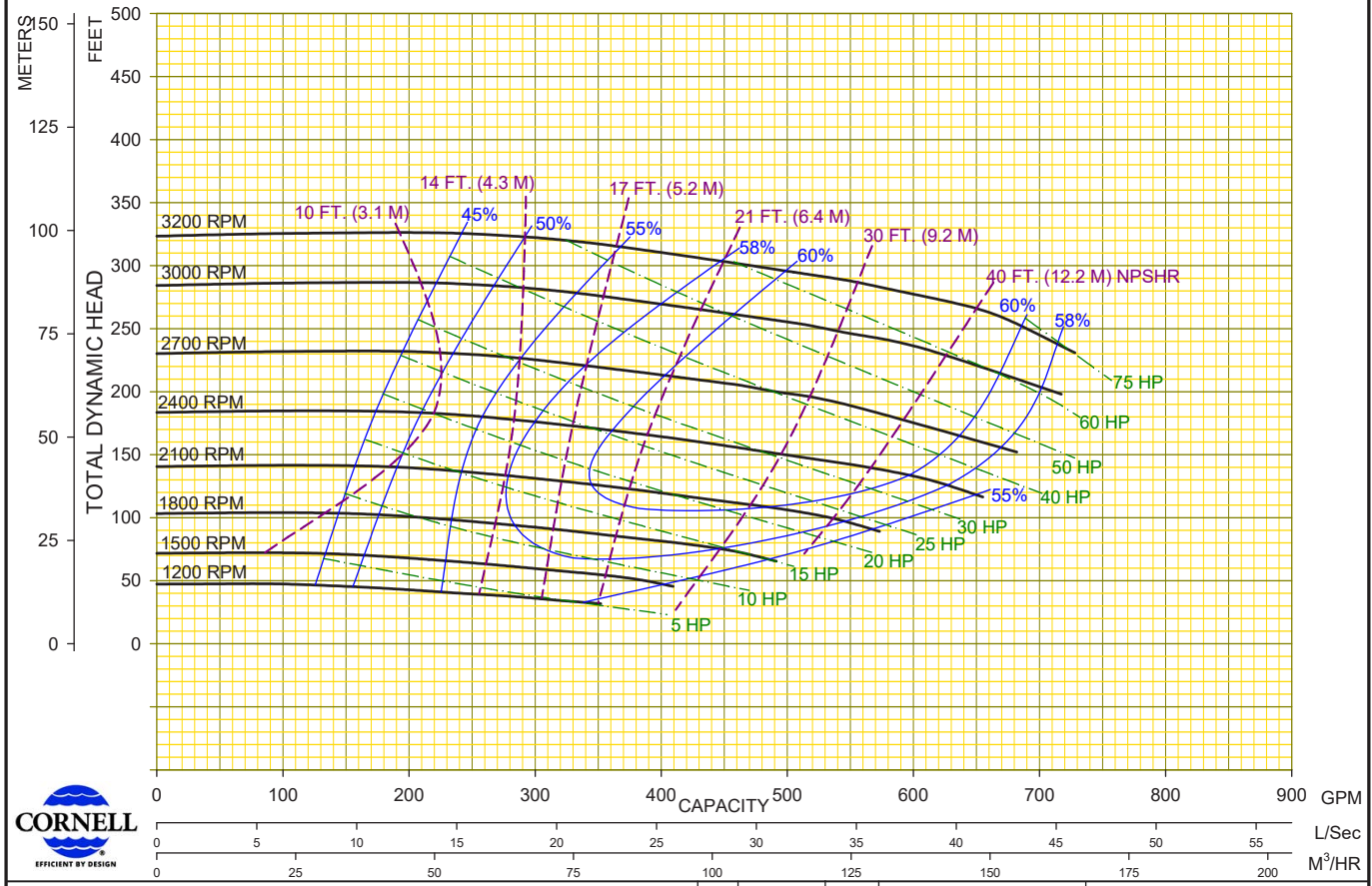


RENTAL



2309SM

Performances shown are for S.G. 1.0 60°F water, frame mounted 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	9.25"	ENCLOSED	SINGLE	1"	1140	3"	2"	5



Cornell Pump Company • Clackamas, Oregon	X	X	X	MODEL : 2309SM TYPE : SLURRY	CURVE NO: 2309SMVA
	00	07/14/20	FM/JW		