

# HIGH-HEAD CAPACITY PUMPS MAV-14400HHC



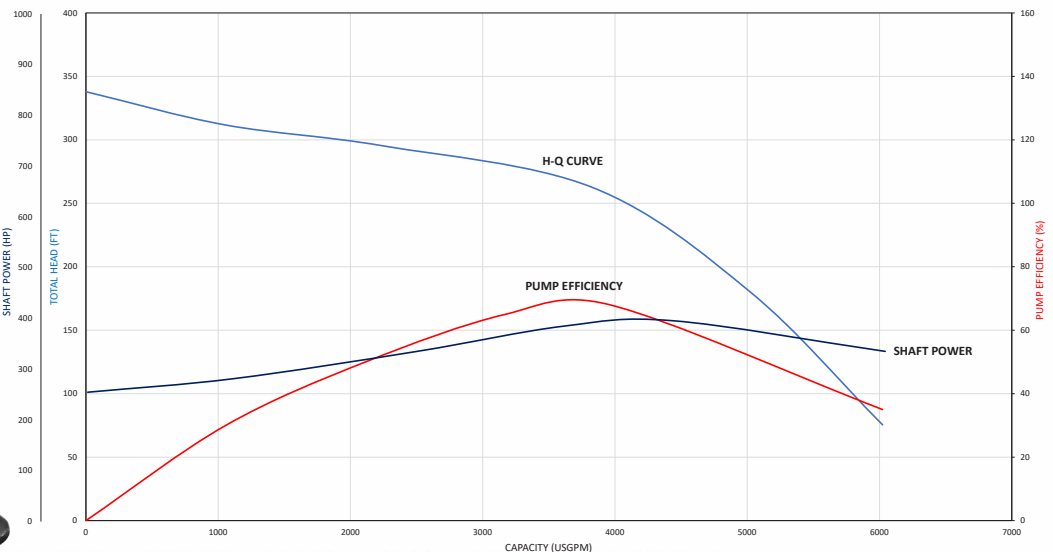
**THIS MODEL IS DESIGNED TO MEET HIGH-CAPACITY AND HIGH-HEAD REQUIREMENTS IN SPECIFIC APPLICATIONS.**

MAXIMUM CAPACITY: **UP TO 4500 USGPM**  
 MAXIMUM PRESSURE: **UP TO 330 FT TDH**  
 DESIGNED FOR SOLID CONCENTRATION: **UP TO 5%**  
 VICTAULIC DISCHARGE CONNECTIONS: **14"**  
 RATING: **400 HP**

## APPLICATION

OPEN PIT MINE DEWATERING

MAV-14400HHC

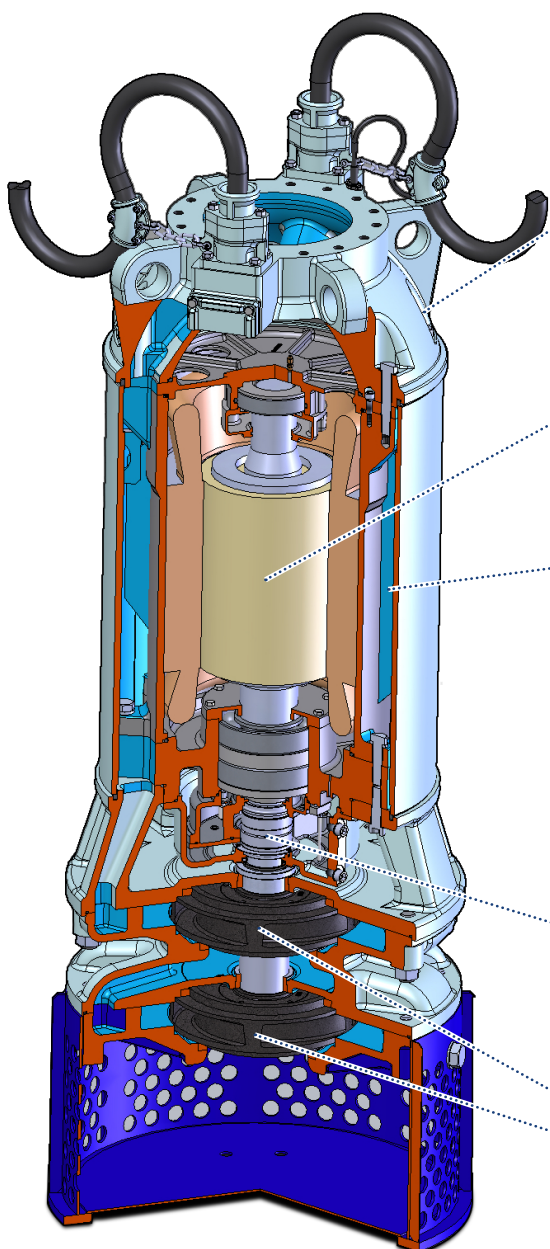


### MAVERICK™ - STANDARD PRODUCT LIST

PUMP MODELS	PUMP PERFORMANCE			PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (M³/H)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
MAV-14400HHC	400 (300)	330 (100)	4500 (1020)	40 (1022)	109 (2758)	9900 (4500)	14 (350)

# HIGH-HEAD CAPACITY PUMPS

## MAV-14400HHC



### MAINTENANCE/INSPECTION WORK REDUCTION

#### INSPECTION WINDOW/PUMP LAYING DOWN

Cable maintenance is an important task. The inspection window head cover may improve the inspection and make it easy to check. As described in the section 5, the pump can be easily laid down. This can reduce maintenance work time.

### SUPER DURABILITY, COMPARED TO TWO POLE MOTOR

#### FOUR POLE MOTOR

High head and high capacity with four pole motor is the most durable implementation. Providing stable running and Reliability.

### SUPERB COOLING STRUCTURE

#### WHOLE MOTOR COOLING

Water passes through the whole outside of motor to cool. At the minimum water level, 700mm, its running is still within acceptable tolerance for motor cooling.

### HIGH QUALITY PERFORMANCE

#### BEST MATERIAL COMBINATION

In order to work in severe conditions, tough and high quality material has been chosen for this pump. Best materials for use for: Impeller (Hardened high chrome), Casing (Ductile cast iron) and Mouth ring (Stainless inox)

### FOR SCHEDULED MAINTENANCE

#### TWO STEP WATER DETECTOR

About the water detection of Oil chamber and Water chamber, two step warning is designed. The first step is by electrode and second is by float. Both warnings can help in planning for regular maintenance.

### GRAVELLY WATER TO SLURRY APPLICATION

#### EXCELLENT IMPELLER DESIGN

Designed balance holes help to reduce thrust load and make the life of bearings longer. With the enhanced design, max solid pass through is up to 35mm. Gravelly and slurry application is available.