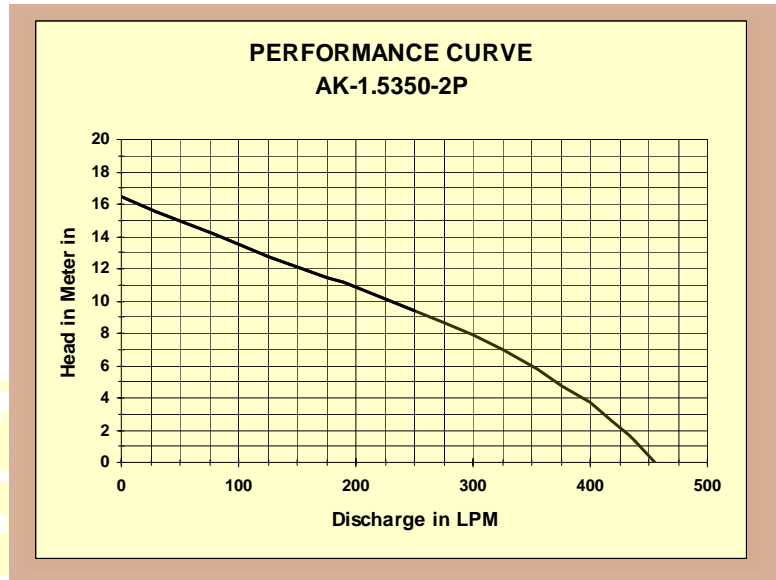


## PUMP MODEL AK-1.5150-2P TECHNICAL SPECIFICATION



### **INTRODUCTION:**

KPR'S dewatering submersible pumps, known for job site dependability. Pumps are constructed of strong die cast aluminum and stainless steel body parts; they are fitted with stainless steel hardened impellers and field adjustable nitrile rubber diffuser. The both upper and lower mechanical seals are wholly enclosed in oil chamber. These tough pumps do not have to be totally submerged and will operate under snore conditions if necessary.

- ❖ **Model No. :** **AK-1.5150-2P**
- ❖ **Motor Rating:**  
1.5HP (1.1KW)/1Ø/50Hz/215Volt, 2800 RPM DOL Start squirrel cage continuous rated induction motor, insulation Class H (180°C).
- ❖ **Full Load Current:**  
9 Amps @ 215 Volt/1Ø/50Hz Ac Supply
- ❖ **Start/Stop:** Max.15 per hour.
- ❖ **Discharge Connection:**  
2" Hose type.
- ❖ **Power Cable:**  
15 meter, Water proof EPR insulated, flexible power cable of size 4 Core X 1.5 sq.mm.  
\*Use rated current when sizing control equipment.

### ❖ **Mechanical Seal :**

Double seals of Inner lip seal & Outer Tungsten Carbide Vs Tungsten Carbide and are wholly enclosed in oil chamber.

### ❖ **Materials:**

Casted Parts	: Aluminum Alloy LM4
Outer Casing	: Stainless Steel SS304
Motor Casing	: Aluminum Alloy LM4
Motor Shaft	: Stainless Steel SS431
Impeller	: Stainless Steel SS410, Hardened (HRC-55)
Fasteners	: Stainless Steel
Oil Chamber	: Aluminum Alloy
Diffuser	: Nitrile Rubber Coated
Strainer	: Stainless Steel with circular holes of 6mm X 6mm.

- ❖ **Limitations:** Max. Submergence depth-10 Mtr.  
Max. Liquid Temperature-40°C.

\*External control panel is mandatory for Single Phase pump.

- ❖ **Weight:** **17 KG (Approx) without Cable**

(Due to continues product development, Specifications may be subject to change without notice.)