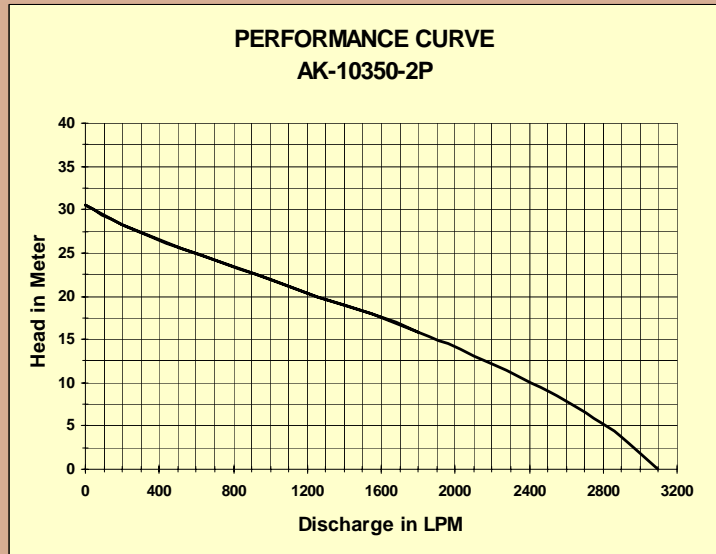


## PUMP MODEL AK-10350-2P

## 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 stainless steel oil chamber. These tough pumps do not have to be totally submerged and will operate under snore conditions if necessary.

- ❖ **Model No. :** **AK-10350-2P**
- ❖ **Motor Rating:**  
10HP (7.5KW)/3Ø/50Hz/415Volt, 2850 RPM DOL  
Start squirrel cage continuous rated induction  
motor, insulation Class H (180°C).
- ❖ **Full Load Current:**  
16 Amps @ 415 Volt/3Ø/50Hz Ac Supply
- ❖ **Start/Stop:** Max.15 per hour.
- ❖ **Discharge Connection:**  
4"Stainless Steel, Hose type.
- ❖ **Power Cable:**  
15 meter, Water proof EPR insulated, flexible  
power cable of size 4 Core X 4 sq.mm.  
\*Use rated current when sizing control equipment.

### ❖ **Mechanical Seal :**

Double mechanical seals (Inner & Outer) in Tandem arrangement. Seal faces are Tungsten Carbide Vs Tungsten Carbide and are wholly enclosed in oil chamber.

### ❖ **Materials:**

Casted Parts	: Aluminum Alloy LM4
Outer Casing	: Stainless Steel 304
Motor Casing	: Aluminum Alloy LM4
Motor Shaft	: Stainless Steel 431
Impeller	: Stainless Steel 410, Hardened (HRC-55)
Fasteners	: Stainless Steel 304
Diffuser	: Nitrile Rubber Coated
Strainer	: Stainless Steel with circular holes of 10mm X 10mm.

- ❖ **Limitations:** Max. Submergence depth-15 Mtr.  
Max. Liquid Temperature-40°C.

\*These pumps must be used with external motor protection in accordance with technical data.

- ❖ **Weight:** 65.5 KG (Approx) without Cable

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