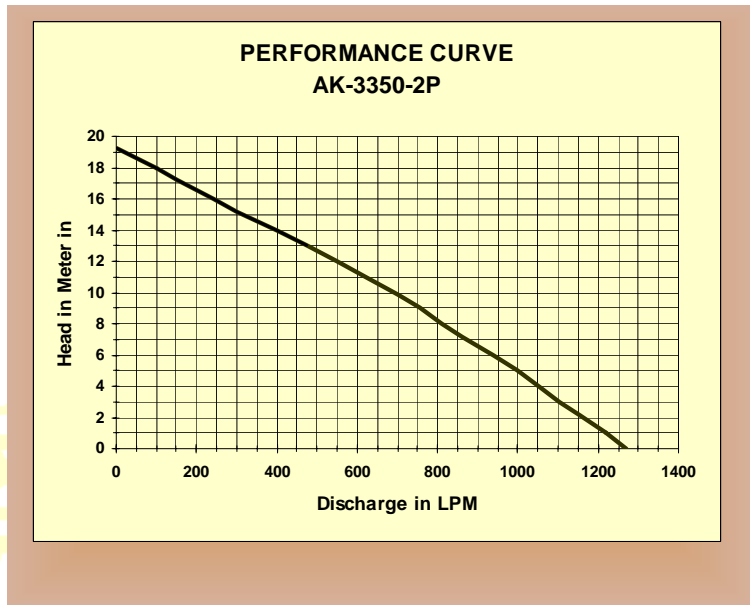


PUMP MODEL AK-3350-2P

TECHNICAL SPECIFICATION



INTRODUCTION:

KPR'S dewatering submersible pumps, known for job site dependability. Pumps are constructed of strong die cast aluminum and 304 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-3350-2P**
- ❖ **Motor Rating:**
3HP (2.2KW)/3Ø/50Hz/415Volt, 2850 RPM DOL
Start squirrel cage continuous rated induction motor, insulation Class H (180°C).
Also Available in Single Phase 220 Volt.
- ❖ **Full Load Current:**
5.4 Amps @ 415 Volt/3Ø/50Hz Ac Supply
- ❖ **Start/Stop:** Max.15 per hour.
- ❖ **Discharge Connection:**
3" SS Outlet, Hose type.
- ❖ **Power Cable:**
15 meter, Water proof EPR insulated, flexible power cable of size 4 Core X 2.5 sq.mm.
*Use rated current when sizing control equipment.

❖ **Mechanical Seal :**

Double seals of Inner & Outer 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
Oil Chamber	: Aluminum Alloy LM4
Diffuser	: Nitrile Rubber/Aluminum Alloy
Strainer	: Stainless Steel with circular holes of 6mm X 6mm.

- ❖ **Limitations:** Max. Submergence depth-10 Mtr.
Min. Submergence depth – 6" Inch.
Max. Liquid Temperature-40°C.

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

- ❖ **Weight:** **35 KG (Approx)** without Cable

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