Horizontal Hydro-soilds Pumps

- **Applications**
  - Pulp and paper
  - Waste treatment
  - Food processing
  - Agriculture
  - Manufacturing process

- **Feature**
  - Non-clog
  - Back pullout design
  - Thick casing and impeller
  - Good efficiency

- **Ratings**

  - **Capacity**
    - Up to 60m³/min (115,850 US GPM)
  - **Head**
    - Up to 85m (279ft)
  - **Discharge Pressure**
    - Up to 16 kgf/cm² (227 PSI)
  - **Allowable Suction Pressure**
    - Up to 9 kgf/cm² (128 PSI)
  - **Revolution 60Hz (50Hz)**
    - 1750 or 3550 min⁻¹ (1450 or 2950 min⁻¹)
  - **Rotation**
    - Clockwise viewed from coupling end
  - **Temperature Stainless Steel**
    - +50°C - 177°C (122°F - 350°F)
  - **Temperature Cast Iron**
    - +20°C - 150°C (4°F - 302°F)
  - **Nozzle Rating**
    - KS 10 kg/cm²
  - **Nozzle Facing**
    - Steel: SF, Iron: FF
  - **Nozzle Location**
    - End suction: Top Discharge
  - **Seals**
    - Conventional packing or mechanical seal

- **Advantage**

  - The special impeller design handles large particle solids and fibrous/stringy materials.

- **Performance Curve**

  - 1510-36
    - n (60Hz) = 1750 rpm
    - 4 Poles
    - Total Head (m)
    - Capacity (m³/min)
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    - Capacity (m³/min)