**HACOP PHARMA**

**MOTORISED BARREL PUMP PN 560**

PN 560 is a widely accepted barrel and container pump for handling highly fast and medium viscosity liquids.

The PN 560 is designed for both portable and stationary use and is ideal for industries like pharmaceuticals, cosmetics, food, beverages, distilleries etc. The versatility, portability and the sophisticated yet simple engineering design ensures efficient and reliable operation which makes PN 560 indispensable.

**Pump Tube Construction:**
The PN 560 pump tube is constructed out of SS 316 material which is widely accepted world-wide.
The material is specifically required by the pharmaceutical industry because of the statutory requirements.
The PN 560 is available in three different pump tube lengths i.e. L = 700, 1000 and 1250 mm, so as to suit your requirements.
The PN 560 has been designed such that it can be used for various containers ranging from 25 litres carrying to any size of container.

**Identification:**
It has been observed that many times unknowingly the equipment is not used correctly. To avoid this situation as well as to assist users for easy monitoring, HACOP has identified the product by colour code.

New HACOP PHARMA is designated by Blue colour motor & operating pump tube to enable users to prevent it from incorrect use.

*Do not use PN 560 E for handling flammable liquids.*

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**TECHNICAL SPECIFICATIONS**

HACOP PN 560 is available with two drive options PN 560 E and PN 560 P.

**PN 560 E:** 550 watts, 1500 rpm single phase universal motor operating on 220 V DC, 30 Cycles A.C. supply, with a shock proof, anticorrosive, flame retardant and chemical resistant casing. The drive is particularly suitable for intermittent operation. The PN 560 E is equipped with an internal thermal protection so as to prevent motor from burning.

**PN 560 P:** (Flame proof) Operates on compressed air either at 4-6 bar pressure with an air consumption of 6-8 CFM and can be used for continuous operation. Use of PAG (Poly Alpha Olefin) oil (a specific type of lubricant) prior to motor is recommended.

**OPERATING DATA:**

- **Quantity Max.:** upto 100 l/hr. min.
- **Delivery head Max.:** upto 15 mtrs. (100 ft)
- **Temperature of Liquid Max.:** upto 60°C
- **Viscosity Max.:** upto 500 cP

**PERFORMANCE CURVE:**

- **Specifications are valid for Brand new motors only.**
- **Note:** The performance of the above specifications subject to change without prior notice.

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**APPLICATIONS**

- **PN 560 PHARMA**

  Use of PN 560 PHARMA in various industries, is as follows.

  - Pharmaceuticals
  - Emulsifiers
  - Surfactants
  - Oils
  - Polymers
  - Syrups
  - Water, etc.

  - Cosmetics
  - Dispersing Agents
  - Jelling Agents
  - Solvents
  - Perfumes
  - Essential Oils
  - Soot Oils, etc.

  - Food:
    - Edible oils
    - Milk
    - Juices
    - Antioxidants

  - Preservatives
    - Colour concentrates
    - Syrup bases

  - Inorganic & titanium:
    - Acids
    - Bases
    - Stabilising agents

  - Preservatives
    - Rinsing agents

**HACOP Universal PHARMA**

- **Maximum use of PN 560 is subject to your IMAGINATION.**
- **Note:** PN 560 PHARMA is not suitable for handling solvents.

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**HACOP PUMPS PVT. LTD.**

*Authorized Dealer:*

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**DEVSAAN**

*PT. DEVSAAN INDUSTECH*

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