







## **Product Description**

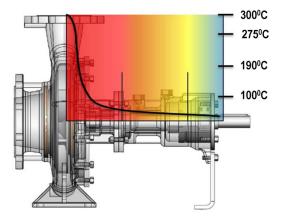
KISHOR brand Infra series pumps are specially designed for pumping higher temperature clean thermic fluids. Infra pumps assures higher hydraulic efficiency, resulting savings in power consumption. Infra pumps are with natural air cooling, without any need of external cooling water system for cooling of the pump parts. Pump mounting dimensions are based on DIN 24255/EN 733 standard. The modular design offers maximum interchangeability of the parts.

## **Material of Construction**

Casing & Impeller : Cast Steel (WCB) Shaft : St. Steel SS410

#### **Features**

- DIN 24255 / EN 733 dimensional standard
- · Back pull-out design for easy maintenance
- · Closed type impeller
- Heat dissipation by natural air convection with specially designed fins for optimized cooling
- Mechanical seal mounted near low temperature zone for extended life
- Product (pumped liquid) lubricated heavy duty bearing on impeller end, and refillable grease lubricated bearing on motor end
- Flange dimensions as per ISO 7005 standard
- Drain stud for mechanical seal failure indication



## **Applications**

- · Thermic fluids
- · Synthetic heat carrier oils

#### **Industries**

- · Heat transfer plants
- · Chemical processing plants
- Plywood industry
- · Ceramics, glass and pottery
- Pharmaceutical
- · Sun control films
- Textile industry
- · For heating of baking ovens
- Leather processing
- Foodstuff
- Paints and dyes
- Boiler industry

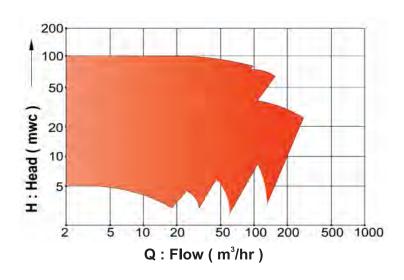
#### **Versions**

Infra HA: Horizontal Air cooled pumpInfra HF: Horizontal Fan cooled pump

# **Performance Parameters**

Flow : upto 270 m³/hr
Head : upto 95 mwc
Specific gravity : upto 1.05
Temperature : upto 300°C
Delivery sizes : 25 to 80 mm
Speed : 1450, 2900 rpm
(60 Hz available on request)

# Performance Range



1  $m^3/hr = 0.2778$  lps (liter per second) = 16.67 lpm 1  $m^3/hr = 4.40$  US gpm



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