

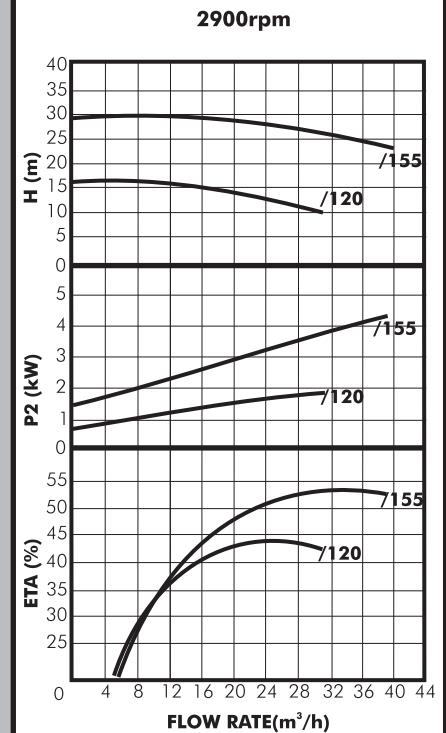
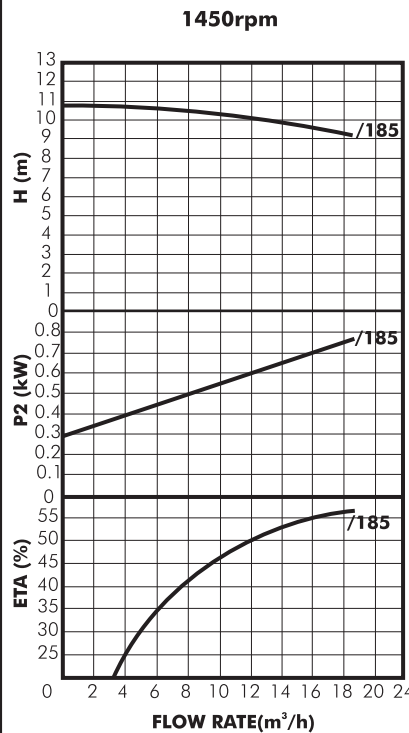
**UPDATED**

**GRUNDFOS®**



**F&B HYGIA I**

**Sanitary Pumps**



**PUMP**

Grundfos Hygia sanitary pumps are of single stage end suction type fitted with semi-open impellers specifically designed to meet the hygiene requirements of sterile operating processes. They are suitable for various applications in the food and beverage industry including drinks, dairy, confectionery and meat packing industries. The design features optimised hydraulics for high efficiency, stainless steel motor shroud and polished internal finishes to prevent fouling by bacteria and germs.

Pump hydraulic end construction is CrNiMo AISI 316L stainless steel throughout. Two and four pole motor options are available and impellers can be trimmed to provide specific duties.

**MOTOR**

Pumps are fitted with Grundfos MG fan-cooled synchronous three phase close coupled electric motors. DOL starter control is required for motor protection.

**Enclosure Class:** IP55

**Insulation Class:** F

**Voltage:** 3x415V

**OPERATING CONDITIONS**

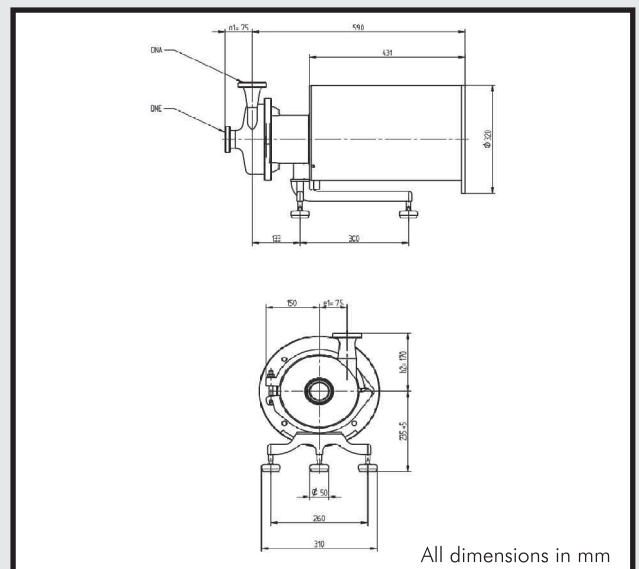
**Pumped Liquid:** Low viscosity fluids containing some particles

**Maximum Operating Pressure:** 16 bar

**Minimum Temperature Maximum:** 95°C

**MOTOR DATA**

| Model          | Impeller diameter (mm) | Speed (rpm) | Power (kW) | Max Current, (A) | DN (mm) | Weight (Kg) |
|----------------|------------------------|-------------|------------|------------------|---------|-------------|
| Hygia 1 4 pole | 185                    | 1450        | 1.1        | 2.6              | 40      | 20          |
| Hygia 1 2 pole | 120                    | 2900        | 2.2        | 4.4              | 40      | 29          |
| Hygia 1 2 pole | 155                    | 2900        | 4.0        | 10               | 50      | 35          |



All dimensions in mm