

GRUNDFOS®



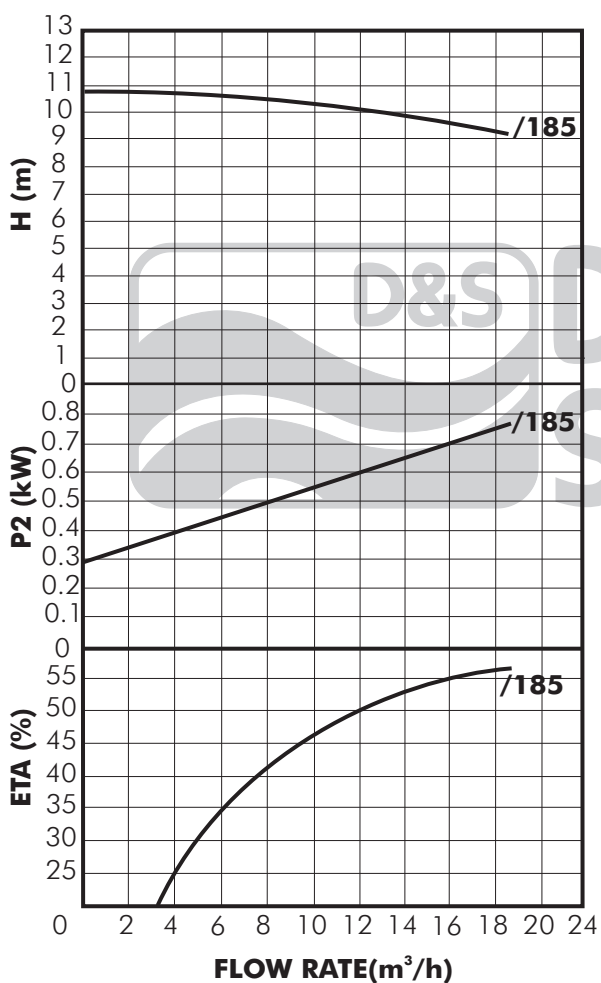
DATA SHEET

Sanitary
Pumps

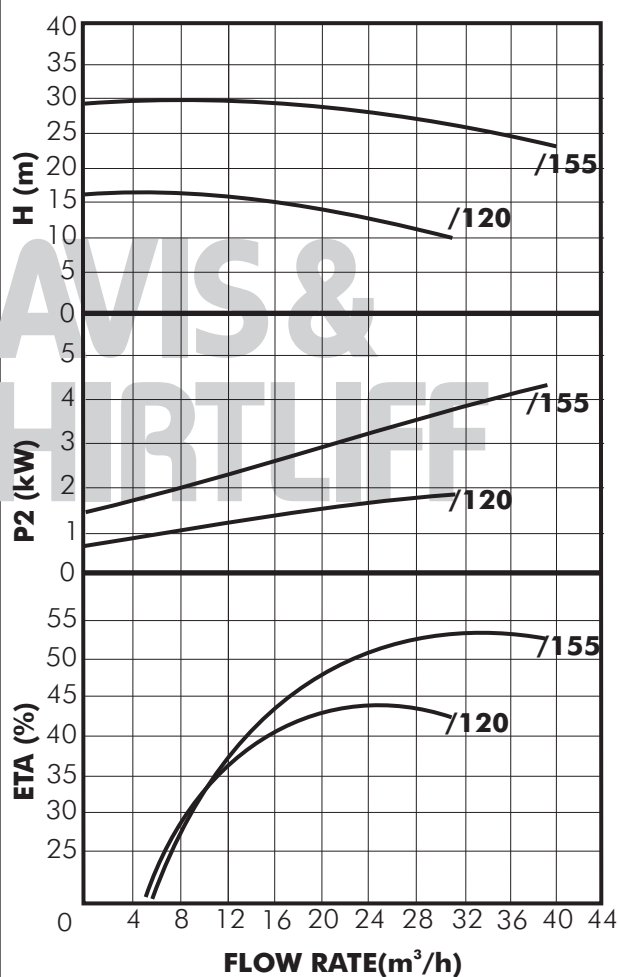
F&B HYGIA I



1450rpm



2900rpm



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 CrNrMo 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

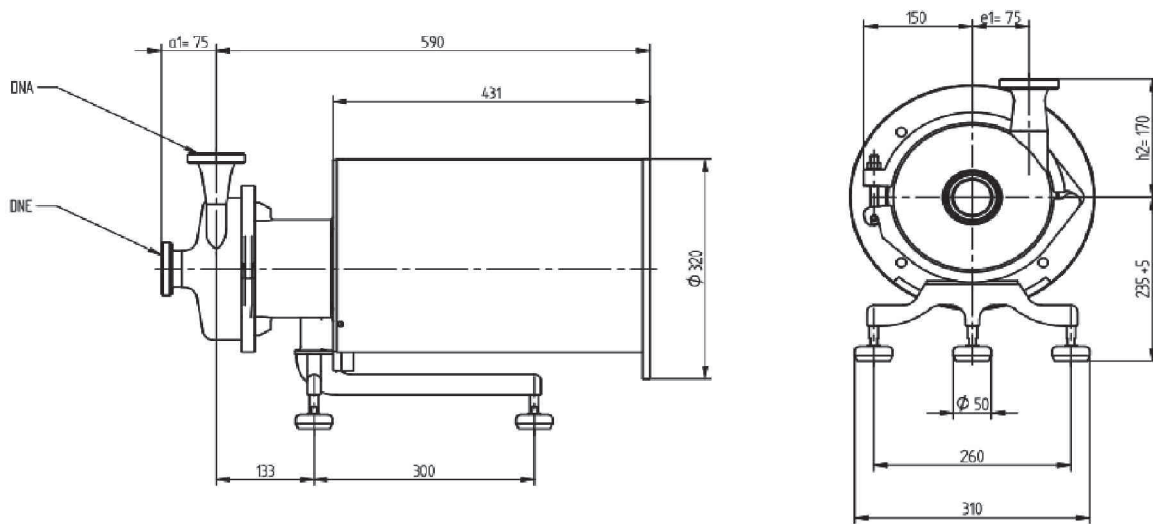
Pumped Liquid: Low viscosity fluids containing some particles

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

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