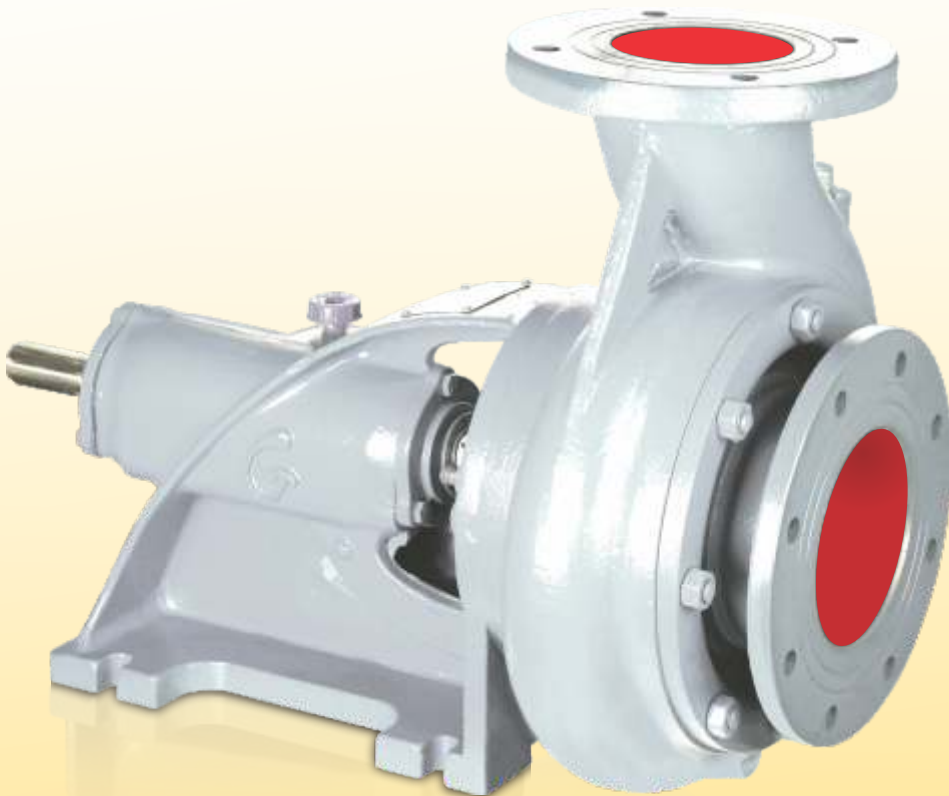


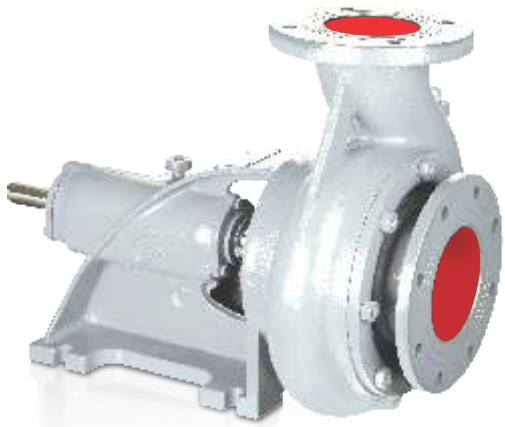


# **GOLDEN**

## **Centrifugal Stainless Steel Pumps**



# GOLDEN Centrifugal Stainless Steel Pumps



## Function:

This series of pumps are centrifugal pumps which use a rotating impeller to create flow by the addition of energy to a fluid. Centrifugal pumps are commonly used to move liquids through piping. The fluid enters the pump impeller along or near to the rotating axis and is accelerated by the impeller, flowing radially outward into a volute chamber / casing, from where it exits into the downstream piping. Centrifugal pumps are used for large discharge through smaller heads.

## Application:

These pumps are used in paper & board industry, beverage industry, hot or over heated water circulation in heating systems, air conditioning, pressuring units and for handling liquid chemicals.

## Pump Construction:

These pumps are available in bare-shaft end-suction type and bare-shaft end-suction coupled with electric (induction) motor / combustion diesel engines on fabricated base frame. Pump body and impellers can be supplied in stainless steel or bronze according to the requirement, closed / open impellers dynamically balanced are also available in stainless steel or bronze, shaft in complete stainless steel, world's finest pre-greased ball bearings, flanges in stainless steel or bronze can also be supplied. Mechanical seal or gland packing can be used in these pumps according to the requirement of the customer.

Electric (induction) motors with 2 poles (2900 rpm) or 4 poles (1450 rpm) suitable to the pump according to the requirement.

## Pump Performance Data:

Max. Capacity:	1,100 US gpm (max.)
Max. Head:	58 m (max.)
Speed:	1450 / 2900 rpm
Max. Inlet:	6"
Max. Outlet:	5"
Maximum temperature of pumps liquid	-15°C to +70°C
Maximum ambient temperature	40°C
Maximum working pressure	5.7 bar

## GOLDEN Group of Companies

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# GOLDEN Centrifugal Stainless Steel Pumps

## Installation:

The electric pump can be positioned with horizontal, sloping or vertical axis always with the motor upwards.

## Performance Chart:

MODEL	SIZE	MOTOR REQUIRED (HP)	IMPELLER DIA (mm)	rpm	HEAD (ft)	DISCHARGE (US gpm)
GSSP - 325 (50 - 17)	2.5" x 2"	2	170	1450	19 ~ 28	120 ~ 70
GSSP - 325 (50 - 24)		5	240		56 ~ 68	150 ~ 90
GSSP - 303 (65 - 22)	3" x 2.5"		217		30 ~ 57	290 ~ 130
GSSP - 304 (80 - 22)	4" x 3"	7.5	222		39 ~ 60	400 ~ 200
GSSP - 305 (100 - 22)	5" x 4"	10	212		38 ~ 55	700 ~ 400
GSSP - 306 (125 - 24)	6" x 5"	15	230		28 ~ 63	1,100 ~ 600

MODEL	SIZE	MOTOR REQUIRED (HP)	IMPELLER DIA (mm)	rpm	HEAD (ft)	DISCHARGE (US gpm)
GSSP - 325 HS (50 - 17)	2.5" x 2"	7.5	160	2900	20 ~ 110	230 ~ 130
GSSP - 303 HS (65 - 22)	3" x 2.5"	25	215		25 ~ 190	390 ~ 250
GSSP - 304 HS (80 - 22)	4" x 3"	40	195		50 ~ 170	585 ~ 280

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