

Samtax Pumps YGZ Series

Single Stage Centrifugal Pumps Series YGZ

General Specification

- Pump impeller and casing are made of stainless steel AISI304 for corrosion resistance.
- Stainless steel shaft AISI304/420.
- Mechanical seal NBR/Ceramic/Graphite (silicon carbide material as option)
- 2 pole motor with B or F Insulation 50 or 60 Hz.
- Protection IP44, continuous duty.
- Internal thermal motor overload.



Applications

- Civil, industrial, and agricultural areas.
- Pumping both hot and cold waters for heating and conditioning processes.
- For pure water treatment units.
- Pharmaceutical, food, and shrinking.
- High volumetric water pumping.

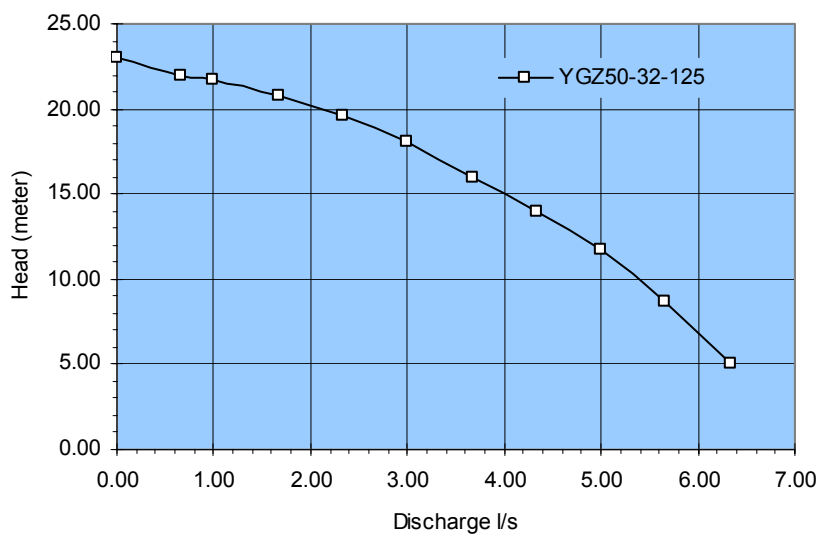
Operating limits

- Fluid temperature up to 60 °C.
- Maximum ambient temperature +40 °C
- Maximum altitude +1000 meter.

Characteristic head/flow table

Model	HP 3 phase 60Hz	Amp (230/380V)	Discharge l/s										
			0	0.67	1	1.67	2.33	3	3.67	4.3	5	5.6	6.3
			Head (meter)										
YGZ-50-32-125	3.0	5.1/3.0	23.0	22.0	21.7	20.8	19.6	18.1	16.0	14.0	11.8	8.7	5.0

Characteristic head/flow curve



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

AL SAMHAN FACTORY FOR SAUDI PUMP CO., LTD.,

2ND Industrial Area, P.O.Box 1139, Riyadh 11431, Saudi Arabia
 Tel 00966-1-4023274, 4982244, 4982255. Fax 00966-1-4044081, 4982266.
 Email asamhan@cyberia.net.sa / info@samtax.com Web Site www.samtax.com