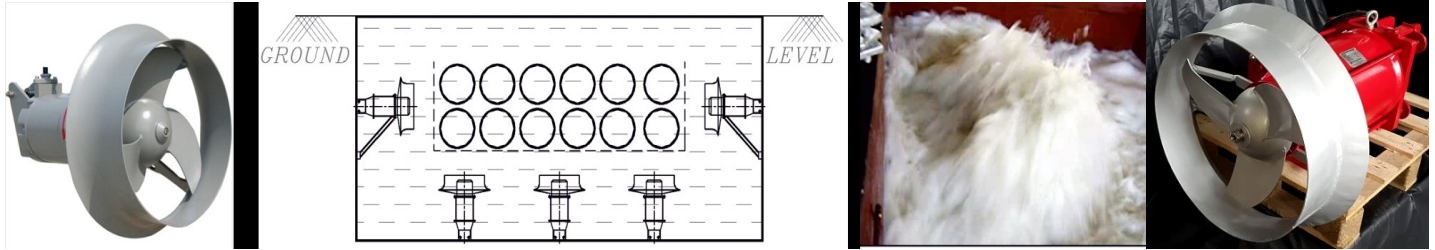


GATHA Products and Services LLP

Submersible Agitator for Rapid Quench



Submersible Agitator is a key equipment for Quenchant Tank Agitation in Heat Treatment process. The Airless agitation with 0.5-2.0 m/sec. velocity resulting in 800⁰ C/min hot job cooling rate achieves the required properties. The Submersible Agitators are any time removable equipment, not only agitates the Quenchant but offers high thrust on hot jobs, due to which vapour blanketing is instantly broken (or do not allow) and heat is dissipated at tremendous rate. It is used for Water, Water Polymer and Oil Quenching Tanks very effectively.

The performance parameters of the submersible agitators are shown in the following table with the rated voltage of 415V and the frequency of 50Hz. However special agitators with 380V ~ 60 Hz or other supply conditions are available on request.

Motor power (kW/hp)	Rated Current (A)	Rpm of vane or propeller (r/min)	Diameter of vane or propeller (mm)	Thrust (N)	Weight (kg) Approx.
0.85/1.0	3.2	740	260	163	55/65
1.5/2.0	5.2	740	400	600	74/82
2.5/3.0	7	740	400	800	74/82
4/5.0	14	480	620	1400	190/210
5/7.5	18.2	480	620	1800	196/212
7.5/10.0	28	480	620	2600	240/256

Other Products : Universal Testing Machines (Static and Dynamic), Hardness Tester (Rockwell, Brinell, Vickers, and Micro), Impact Testing Machines, Abrasive Cut off Machine, Sample Preparation Equipments, Image Analysis, CRM for Spectrometer etc. visit our website: www.gatha.com

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