

Agitator**Product Coding**
P6.....**Introduction**

Agitators are mixing devices designed to ensure efficient blending, homogenization, suspension, dissolution, and dispersion across a wide range of industrial processes. With a robust mechanical structure and customizable configuration, these agitators deliver reliable performance for low to high viscosity fluids, solid/liquid suspensions, and gas/liquid mixing operations.

Engineered for continuous operation, they provide consistent mixing quality, high energy efficiency, and long service life, making them suitable for demanding process conditions.

Features

- **High efficiency mixing:** Optimized impellers create strong flow patterns and consistent product quality.
- **Robust construction:** Heavy duty components ensure long term durability in tough industrial conditions.
- **Customizable design:** Available in top, side, and bottom entry to fit different tanks and mixing needs.
- **Flexible drive options:** Offers direct drive or gear reduced systems for varied speed and torque.
- **Advanced sealing systems:** Uses mechanical, packing, or sanitary seals for pressure, vacuum, corrosive, or hygienic processes.
- **Material options:** Built from stainless steel (304/316), coated steel, or special alloys for chemical or abrasive applications.
- **Low maintenance and high reliability:** Balanced shafts, durable bearings, and optional monitoring increase reliability.
- **Optional accessories:** Includes variable speed drives, custom impellers, seal flush systems, special coatings, and explosion proof motors.

Applications

- Chemical and petrochemical
- Water and wastewater treatment
- Pharmaceutical and biotechnology
- Food and beverage
- Paints, coatings, and adhesives
- Cosmetics and personal care
- Mining and hydrometallurgy
- Oil and gas processing
- Liquid/liquid mixing
- Solid/liquid dissolution and suspension
- Gas/liquid dispersion
- Emulsification and homogenization
- Heating/cooling support
- pH control and chemical reaction mixing
- Slurry mixing for settling or non-settling solids
- Batch and continuous mixing operations



Tel.: +98 21 88686942-3
Fax: +98 21 88686168
Sales@euroslot-pars.com



www.euroslot-pars.com
Linkedin.com/company/euroslotpars
Youtube.com/@Euroslot-pars



Office: No. 2, Unit 2, East 32nd
(East Qeysari) St., South Allameh Ave.,
Sa'adat Abad Area, Tehran, Iran