

AF SERIES MIXERS

Motor driven high speed mixers for small tanks (200 - 500 lt) capacity, with shaft bearings sealed by a "V" ring to protect from external vapours. Motor 4 pole, 1400 rpm. Mixer support flange made of polycarbonate mounted directly on the tank. Shaft and impeller in polypropilene covering a steel core. Impeller flow cone type.

INSTALLATION

- Check the space available for the assembly
- Check that the supportino structure (beams, plates, flanges, etc.) has been correctly sized, taking the static and dynamic loads produced by the agitator into consideration.
- The anchor bolts must be suitable for the fastening holes (do not use undersized screws) and must be assembled with plain kasher and spring washer.
- Check the presence of baffles, when requested, in the cylindrical tanks.
- Check the possibilità of inserting the impellers; disassemble and connect to the shaft in the vessel through the pre-arranged openings without forcing.
- In case of installation in the open, it is necessari that at least the electric motor be protected by a canopy.
- The motor-gearbox-bearing housing unit normally constitutes a single unit that is to be fastened to the support structure, observing the torque wrench settings and attendine to the level in such a way as to guarantee a correct rotation of the shaft, free from oscillations that before long could damage the mechanical stability.
- Make sure that the impellers are assembled in accordance with the rotation direction and are fastened rigidly to the shaft. In case of two or more impellers carried out in various flanged parts, follow the connection of the part's pre-marked in the factory and tighten the connection bolts in accordance with the torque wrench.
- Finally, see to the assembly of all the possible additional elements supplied separately such as:
 - Bushing for steady bearing
 - Nut covers for coverei shaft/impeller flanges
 - Pressare gauge for pressurisation tank
 - Motor protection canopy.

