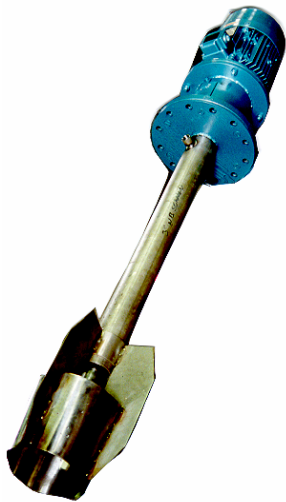


# AXIAL TUBE DISSOLVER MIXERS



RIGAL BENNETT GROUP – AT range of axial-tube dissolver mixers is a carefully planned stirrer system, designed for continuous duty. The mixer is designed without immersed bearings and seals, the motor and mixer have separate bearings, and all wetted contact parts are made from 316 grade stainless steel. Standard units are fitted with a lip seal and the mixer supplied for flange mounting. All rotating parts are protected against accidental contact. Please read the table showing our standard range of mixers designed to suit your working environment. We are able to quote for one off specials to suit your exact requirements.

## **PRINCIPAL APPLICATIONS**

*Food processing, cosmetics, pharmaceutical, chemical, agro-chemical, colour and paint industries and any industry where air entrapment needs to be limited.*

The Axial-tube dissolver mixers have been designed for vertical blending without entrapping air. The rotor and stator heads is designed to give the following features when mixing:-

- Intensive mixing within the axial tube stator.
- Produce a uniform and even distribution of mix within the entire contents of the vessel.
- Minimum turbulence even when suspending heavy sediments.
- Prevention of vortex formation.
- No zonal destruction of the medium even when higher energy is required.
- High quality and uniform composition of mix can be achieved with a lower input of energy.

| MODEL | KW      | SPEED    | PHASE | MOTOR |
|-------|---------|----------|-------|-------|
| AT023 | 2.2     | 1440     | 3     | TEFC  |
| AT02F | 2.2     | 1440     | 3     | EXD   |
| AT040 | 4       | 1440     | 3     | TEFC  |
| AT04F | 4       | 1440     | 3     | EXD   |
| AT055 | 5.5     | 1440     | 3     | TEFC  |
| AT05F | 5.5     | 1440     | 3     | EXD   |
| AT05V | 5.5/4   | 1440/720 | 3     | TEFC  |
| AT075 | 7.5     | 1440     | 3     | TEFC  |
| AT07  | 7.5     | 1440     | 3     | EXD   |
| AT07V | 7.5/5.5 | 1440/720 | 3     | TEFC  |



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