

MIX  
to the  
Max



Perfection in simplicity  
**jongia direct mixers JDR**

 **jongia**  
mixing technology

# jongia direct mixers JDR

JONGIA's unique JDR is especially suitable for use in the food and pharmaceutical industries. No need to worry about oil leaking into the vessel and polluting your product. There is no gearbox - the mixer shaft is fitted directly into the drive and consequently there is no shaft coupling either - another reason why the mixer is perfect for sanitary applications. Not much space above your vessel? No problem, the JDR's building height is relatively low, so a minimum headroom will do.



With a maximum installed power of 11 kW and longest shaft extensions of approx. 10 metres, JDR mixers' construction requires a minimum of headroom thanks to its low height and the noise levels produced by these mixers are extremely low. A pole reversible motor is available as an option, allowing the mixer to run at two different speeds.

In most cases, the mixing element used for the JDR mixers is a 3-blade or 2-blade propeller, using a screw type connection, on hub construction or welded to the shaft. For larger vessels, a number of elements can be fitted.

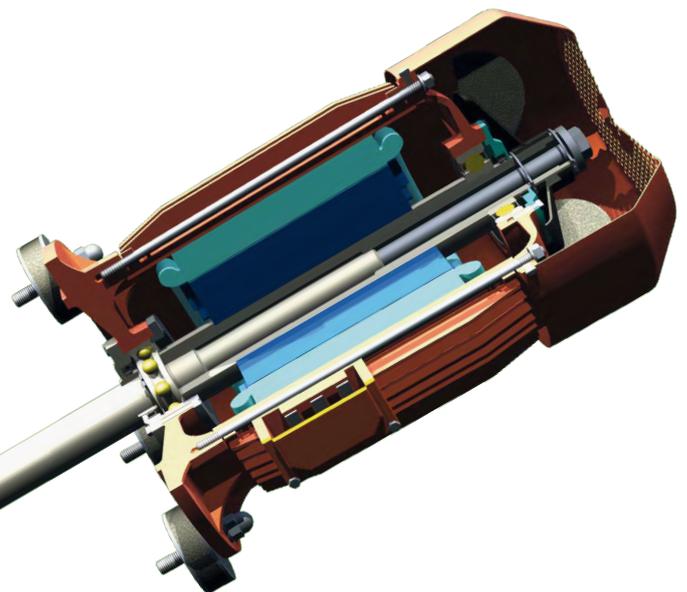
JDR mixers are mounted on a support that is welded on the vessel using a weld-in type shaft sleeve. JONGIA will inform the client about its exact dimensions. If necessary, the mixer can be fitted with a mixer housing, which is suitable for mounting on a vessel nozzle. The sizes of the flanges correspond to the motor.

## There is a wide range of options to choose from:

- pole-reversible e-motor
- frequency converter controlled operation
- available in various types of materials
- various types of shaft seals from a simple lip seal to a sophisticated mechanical seal
- ATEX compatibility

## Why should you want a JDR type mixer?

- direct driven - no transmission
- no concerns about oil spilling into the vessel
- durable and practically maintenance-free
- sanitary design
- low noise
- precision balanced
- easy to install and operate



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