

Direct Drive and Gear Drive Designs, High Efficiency Impellers

Rotomixx impellers combine over 30 years of hydrofoil blade technology into three distinct, high performance designs, including our 3-blade Jetfoil, our marine-style J Prop, and our unique wide blade Maxifoil. These are designed to provide up to 200% more flow per horsepower over conventional turbine impellers. Our standard construction on this mixer for shaft and impeller are all 316 SS. Available as a direct drive up to 1750 RPM or gear drive down to 235 RPM.

The Rotomixx Design Advantage

- Mounting options range from heavy duty clamps to flanges (Admix standard or ANSI)
- Available from 1 /2 to 3 HP for 50 to 6,000 gallon tanks
- Replaces outdated painted portable mixers
- Validation documentation & factory acceptance testing (FAT) for GMP and FDA requirements
- Optional custom impellers and attachment methods are available based on your requirements.
- Bearing frame has a washdown design for the CPI
- Easy to disassemble shaft

Gear driven models come standard with Jetfoil™ blades which offer a 200% increase in flow per horsepower over conventional pitch blade turbines.

Direct drive models come standard with special wide blade, high volume Maxifoil™ blades, or with custom, machined and threaded J-style props, which can be polished and sealed against contamination, but removable when necessary for inspection.



Small Package, Big Results!

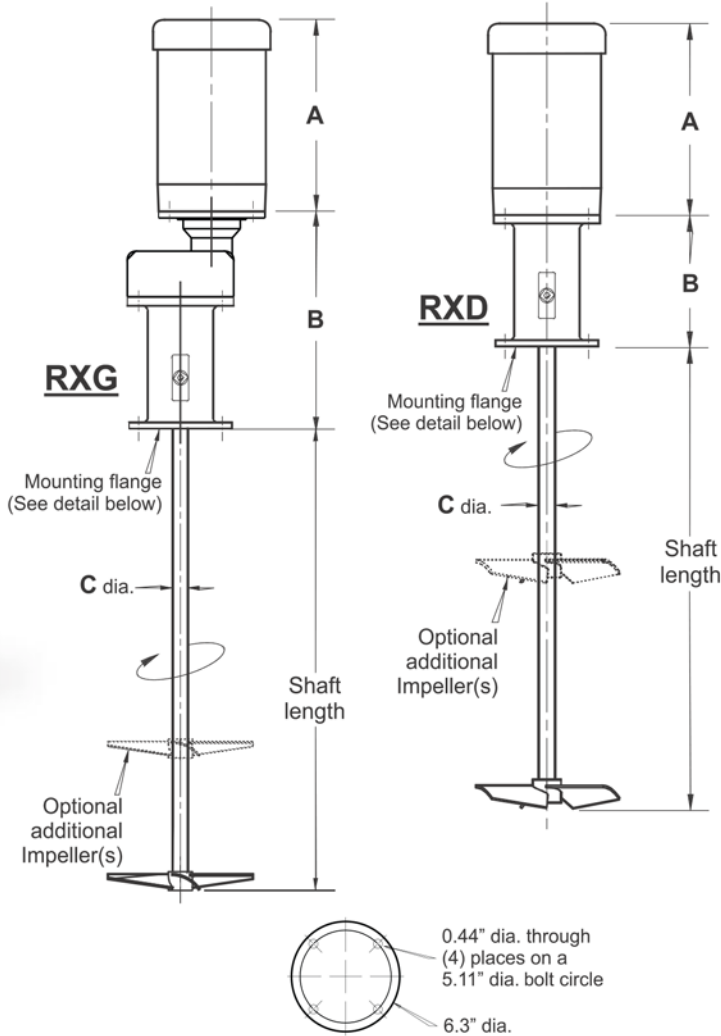
The Rotomixx provides rapid blend times at higher viscosities and volumes. For holding tanks, suspension tanks, storage or rapid mixing, the Rotomixx offers superior circulation and flow characteristics normally obtainable only with larger, higher horsepower agitators.

Mixer Model	100RXD	100RXG
Drive Type	Direct	Helical gear reduction
Output Speed (RPM)	1750	235 to 851
Maximum Motor Frame	145TC	145TC
Mounting Arrangement	Flange, C-Clamp, and Sanitary Ferrule	Flange, C-Clamp, and Sanitary Ferrule
Shaft Engagement (inches)	5"	5"
Shaft Diameter (inches)	1" and 1.25"	1" and 1.25"
Maximum Shaft Length (inches)	48"	84"
Approximate Weight (lbs.)	75 to 115	105 to 160

Rotomixx

	A	B	C
100RXD	12	7.9	1.00
125RXD	12	7.9	1.25
100RXG	12	13	1.00
125RXG	12	13	1.25

Dimensions are in inches



**RXG and RXD
MOUNTING FLANGE DETAIL**

Selection & Performance

Selection of the proper Rotomixx model for your application is simplified with our **MixxScale** sizing criteria. Our **MixxScale** program utilizes bulk fluid velocity and impeller size (foil diameter to tank diameter ratio) to provide the desired level of agitation, suspension of solids and top-to-bottom flow control. Our high efficiency Jetfoil™ impellers provide maximum performance using the lowest horsepower consumption and an optimized gearbox size to reduce overall costs.

Our **MixxScale** (MS) selections range from 1 through 4 with MS = 1 providing a lower level of agitation with little vortex and longer blend times (10-30 minutes), while MS = 4 is characterized by very vigorous agitation with excellent suspension and very rapid blend times of under 10 minutes.

The following tables provide the best Rotomixx selection for the designated level of agitation, tank volume and viscosity.

