

NR – DYNAMIC MIXERS



*For effective
inline mixing.*

NR – Dynamic Inline Mixer Features

- Designed to evenly disperse and mix the added chemicals (or coagulants for coagulation process) inline.
- Low pressure drop.
- Easy to install in new / existing pipeline.
- Impeller designed to evenly distribute the imported energy.
- Direct motor mounted or with high quality gear reducer.
- Oversized bearings for long bearing life.
- Silicon carbide to silicon carbide mechanical seal.
- 316 Stainless steel shaft and impellers.
- Housing: Stainless steel or carbon steel with epoxy coating.
- Rugged housing suitable for harsh environment.
- Mixer housing fabricated as per ASME code.
- Low maintenance.
- Optional – Control panel & VFD – to vary the speed of mixer.



Specifications

- Line size: Up to 42”.
- Flow Rate: Up to 3600 m³/hr.
- Pressure Rating: Up to 300 psig
- Mounting : Flanged as per ANSI 150# / 300# / client standard.
- Speed : 350 to 3600 rpm
- Impeller: Radial or axial flow.
- Motor: High efficiency, NEMA C-Face flange.
- Power Requirement: Up to 50 HP.



About Napier - Reid

Over 60 years of excellence in water & wastewater treatment

Napier-Reid is located in the greater Toronto area in the Province of Ontario, Canada. We supply engineering services and process equipment for water and wastewater treatment.

We have the technology, resources and experience to design, manufacture and implement innovative water and wastewater treatment solutions worldwide. We have completed over 3000 projects since our inception in 1950. It stands as a testament of our ongoing commitment of providing the highest quality service, products and after sales support in the industry. Our capabilities include engineering, manufacturing, installation and field support. We have in-house personnel for complete mechanical, electrical and instrumentation process and control system design. As a manufacturer, our designs focus on cost-effective solutions, simplicity of installation and ease of maintenance.

Napier-Reid has developed an excellent team with many years of experience. We have a well-deserved reputation for innovation, service and integrity. Let Napier-Reid be your single solution for water and wastewater purification.



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