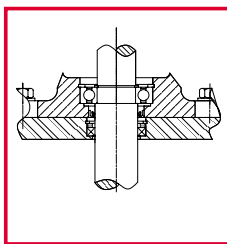


Sealing Options

Chemineer offers a broad range of sealing options for the DT top-entering, sealed tank mixers. These options enable Chemineer to offer you the right level of performance to meet your application needs.

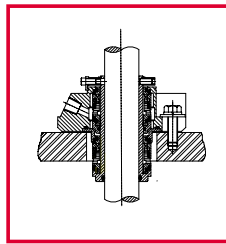
DTLS



Vapour Seal

The sealing ring of the DTL models protects process fluid from contamination in general purpose, light duty applications.

DTN

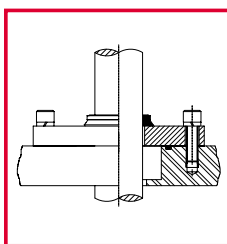


Double Mechanical Cartridge Seal

The double mechanical cartridge seal on the DTN models provide long-life and excellent sealing capabilities with minimum maintenance.

- Optional lubrication system available: 10 litres stainless steel vessel rated to 11 bar supplied with sight glass level gauge mounting hardware and flexible hoses.

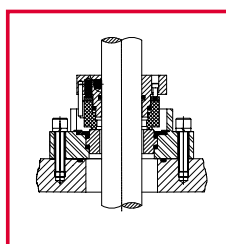
DTL



V-Ring Seal

The V-ring Seal is mounted inside the pedestal and protects from vessel vapours.

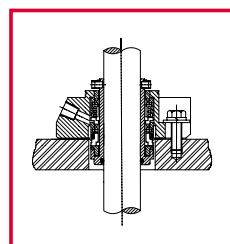
DTNS



Single Mechanical Seal

A single, dry-running component mechanical seal is an economical option for low pressure applications.

DTNC



Single Mechanical Cartridge Seal

A single mechanical seal offers dry-running capability with an easily replaceable cartridge.

Impellers

To ensure optimum efficiency for all of your mixing applications, Chemineer offers a range of impeller designs that produce maximum pumping action with minimum energy loss.



Marine Propeller (JP-3)



High Efficiency Impeller (JF-3)



High Efficiency Impeller (SC-3)



Crammer Road, West Meadows, Derby DE21 6XT, England

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Bulletin 709E Operating locations in:

Dayton, OH Singapore North Andover, MA Taipei, Taiwan Derby, England Shanghai, China Mexico, D.F.

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DT Top-Entering MIXERS



Chemineer... the Right Mixer Company

Fluid agitation products and systems from Chemineer have earned a reputation for high quality and dependability over the last 50 years. Our technical support staff, after-sales service, engineering staff and skilled independent representatives are committed to provide solutions for mixing applications.

Chemineer sales personnel utilize CEDS™ computer aided design software, extensive application databases and a state-of-the-art lab facility to provide optimized mixing solutions.

DT Mixer (0.25-4.0kw)

- Rapid delivery on standard configuration designs
- Industry standard, off-the-shelf, IEC electric or air motors
- Low maintenance integral motor/gear drives
- Optional right angle drive for low-headroom requirements
- Gear Driven units use sealed for life gearboxes, filled with semi fluid grease.
- Wide range of mechanical seal offerings
- Broad range of impeller selections both "standard" and "custom"
- Alloys, polishing, coatings and other custom options are available
- Positive shaft attachment eliminates inherent problems with grip spring designs
- 25mm or 40mm shaft diameter

- Shaft lengths to 3400mm
- Flameproof/Explosion proof motors available on longer delivery
- Modular components for application versatility

Sealed Tank Mixers

Chemineer DT top-entering, sealed tank mixers offer various drive configurations and a broad range of sealing options. Mounting flanges are available in ANSI, DIN and Ferrule standard sizes.



20DT Gear-Drive Mixer

- Vapour seal (DTL)
- Pedestal integral with bearing housing
- Low maintenance integral motor/gear drive

40DT Gear-Drive Mixer

- Vapour seal (DTL)
- Single (DTNC or DTNS) & double (DTN) mechanical seals
- Pedestal integral with bearing housing
- Low maintenance integral motor/gear drive

30DT Direct-Drive Mixer

- Vapour seal (DTL)
- Single (DTNC) or Double (DTN) mechanical seal
- Pedestal integral with bearing housing

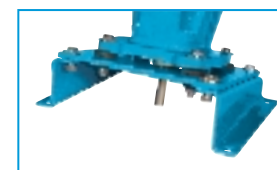
60DT Gear-Drive Mixer

- Vapour seal (DTL)
- Right-angle drive configuration
- Ideal for low-headroom clearance applications
- Standard mounting flange integral to pedestal. Adapter flange sizes also available.

Open Tank Mixers

20DTD Gear-Drive Mixer

- High flow/low-shear mixing requirements
- Solid suspension or blending and motion applications
- Low maintenance integral motor/gear drive



10° Angle Risers



40DTD Gear-Drive Mixer

- High flow/low-shear mixing requirements
- Solid suspension or blending and motion applications
- High torque design suitable for higher viscosity applications
- Low maintenance integral motor/gear drive



30DTD Direct-Drive Mixer

- High shear mixing requirements
- Solid suspension incorporation



60DTD Gear-Drive Mixer

- Right-angle drive configuration
- Ideal for low-headroom clearance applications
- Cast Iron housing
- Pre-lubricated with synthetic oil