



Powerful neodymium iron boron magnets maximize torque transmission across the magnetic couple.

Tandem sintered silicon carbide radial bearings with PTFE center spacer provide optimum alignment with the shaft. Optional dry run protection (DRP) bearings available.

Oversized cantilevered silicon carbide shaft eliminates shaft support in the impeller eye.

One-piece composite containment shell has zero eddy current losses for maximum efficiency.

- Outer aramid/vinyl ester shell for strength
- Inner carbon fiber reinforced ETFE for optimal leakage protection and chemical compatibility

Inner magnets sheathed in 316L stainless steel and encapsulated with carbon fiber reinforced ETFE for unmatched corrosive permeation protection

One-piece impeller and magnet assembly ensures maximum power transmission, simplifying maintenance and eliminating balancing.

Enclosed impeller with unobstructed eye delivers high efficiency and low NPSHR.

The versatile INNOMAG TB-MAG is engineered to provide low total cost of ownership and exceptional leakage protection in extremely corrosive and environmentally critical applications.

Optional Configurations

- Vertical in-line configurations
- Low-flow models
- Long coupled secondary containment with dry running mechanical seal

Rotomolded ETFE liner is mechanically bonded to the casing, rated for full vacuum, and provides superior chemical and corrosion resistance.

Silicon carbide back wear rings restrict solids from entering the containment shell, allowing for proper bearing lubrication and cooling, even in applications with solids concentrations to 30%.

Revolutionary thrust-balanced design employs a dynamic thrust balancing system that eliminates the need for thrust bearings.



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