



Delivering Excellence in
Gearbox Solutions for Industry

dertecTM
Designed to Perform

Dertec

Stainless Steel Gearboxes and Motors

Dertec BV are a manufacturer of Stainless-Steel Gearboxes and Motors based in the Netherlands and is a family owned and run company. Stainless Steel drives are particularly useful in food applications where the equipment is regularly washed down often using detergents to ensure food safety.

While stainless motors have been available for many years there are not too many companies manufacturing gearboxes, Dertec is one of only a few.

Their extensive range includes worm, helical in-line, parallel shaft and bevel helical gearboxes with hollow bores up to 50mm diameter. In addition, they offer 2, 4 and 6 pole motors up to 7.5kW complementing the range.

Gearboxes

All designs are developed especially for wash-down environments with a rounded, smooth design meaning few places for water or dirt to sit. All gearboxes are manufactured from electro polished stainless-steel AISI 316.

Features...

- Shafts manufactured from duplex stainless-steel 2205
- PNS surface treatment giving high surface hardness
- Special high temperature resistant blue shaft seals
- All gearboxes come filled with food-grade NSF lubrication (Nut free, Kosher and Halal certified)



FV – Worm



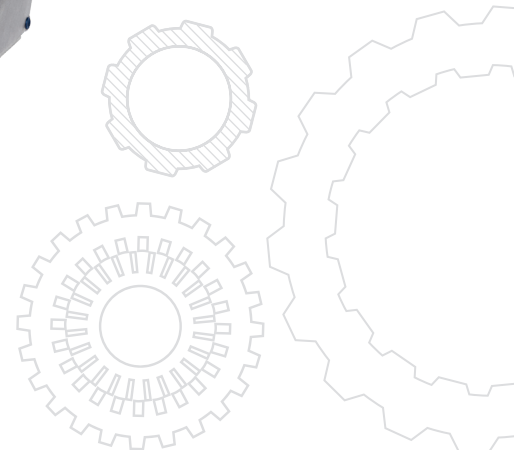
FKA – Helical Bevel



FFA – Parallel Shaft



FR – Helical In-line



Motors

The motor range has been designed with the food industry in mind. Dertec has worked hard to produce a product can be used under the most demanding conditions and washdown environments. As with the gearboxes, special consideration has been given to the motor shape, particularly the terminal box and bearing covers. All motor nameplates are engraved further reducing areas for bacteria to 'hide'.

Features...

- Completely smooth and round housing in polished 304 stainless steel
- Easy-clean, round, well-seated terminal box
- All mounting surface fitted with O-Rings
- Locknuts with caps, spacers and O-Rings
- Motor information stamped on the housing so no dirt build-up under the plate
- IE3, IP66, ISO F as standard
- Optional special aerators for extreme conditions achieve IP69K
- PTC thermistors as standard
- Available with flange B5, B14a or feet B3
- Available in 7 sizes: IEC 63 to IEC 132



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STM Power Transmission Ltd

Unit 1 | Oasis Business Park | Road One | Winsford | Cheshire | CW7 3RY | UK
T +44 (0)1606 557 200 | F +44 (0)1606 557 396 | sales@stmuk.co.uk

stmuk.co.uk

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