

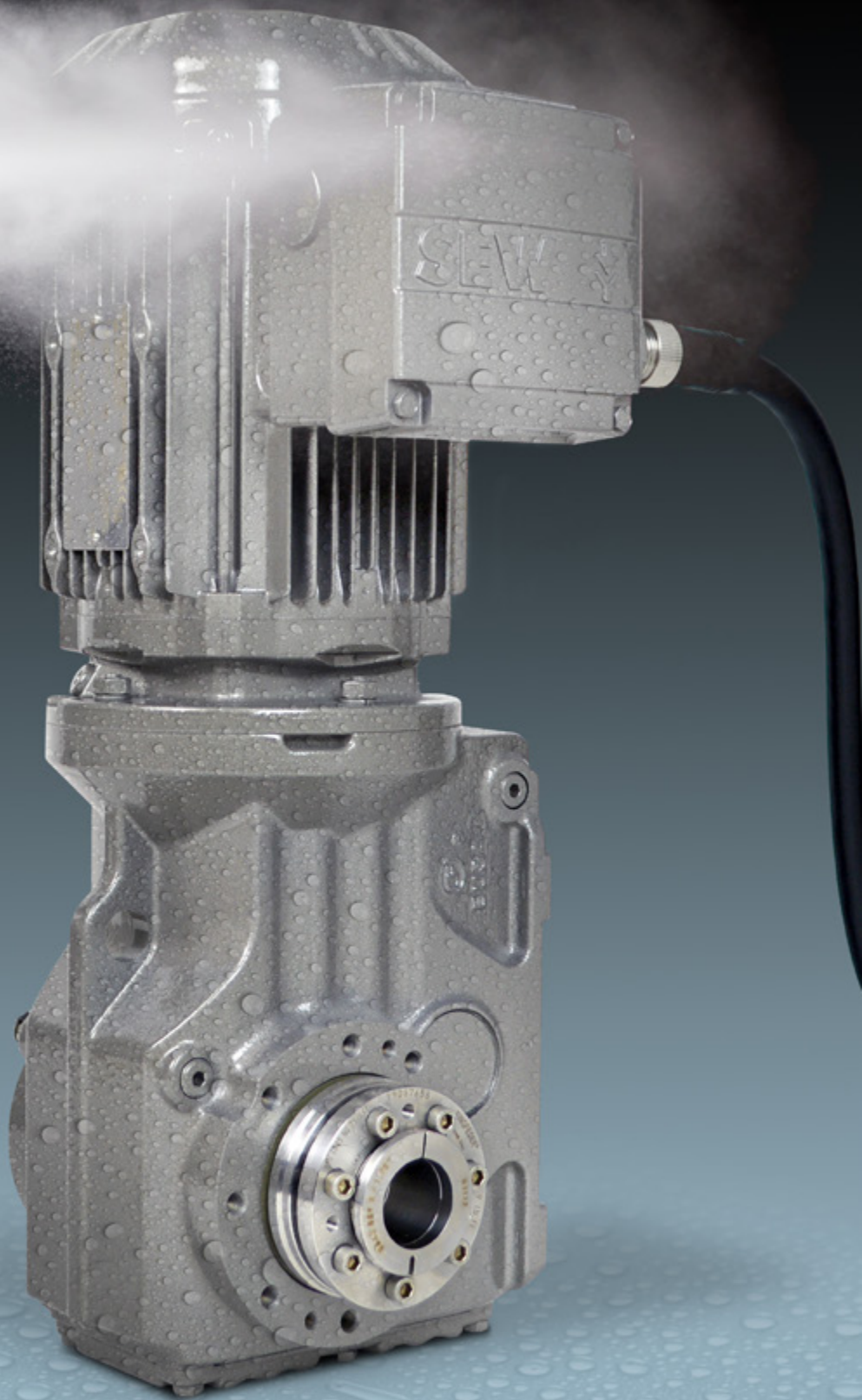
Gearmotor Protection for Food Processing

Specialized gearmotor protection options for superior performance in food processing environments



Food Industry Option Package

Specialized components that protect motors and gear units against harsh food processing and chemical wash-down environments.



SEW
EURODRIVE

The ideal solution for harsh washdown environments

Because machinery in the food industry must endure particularly harsh environments, SEW-EURODRIVE has engineered a drive system built specifically to meet those challenges. The extreme conditions found in food processing facilities can cause serious motor damage due to the ingress of water and other solid contaminants, resulting in an abnormally short life span. Water contamination is responsible for many motor hazards, including single phasing, shorted windings, shorted conduit box connections, and bearing failures.

Our **Food Industry Option Package** (IOP) consists of specialized components designed to overcome the demands of chemical washdown environments. These components save you downtime and money by extending the life of both the gear unit and the motor.

Features:

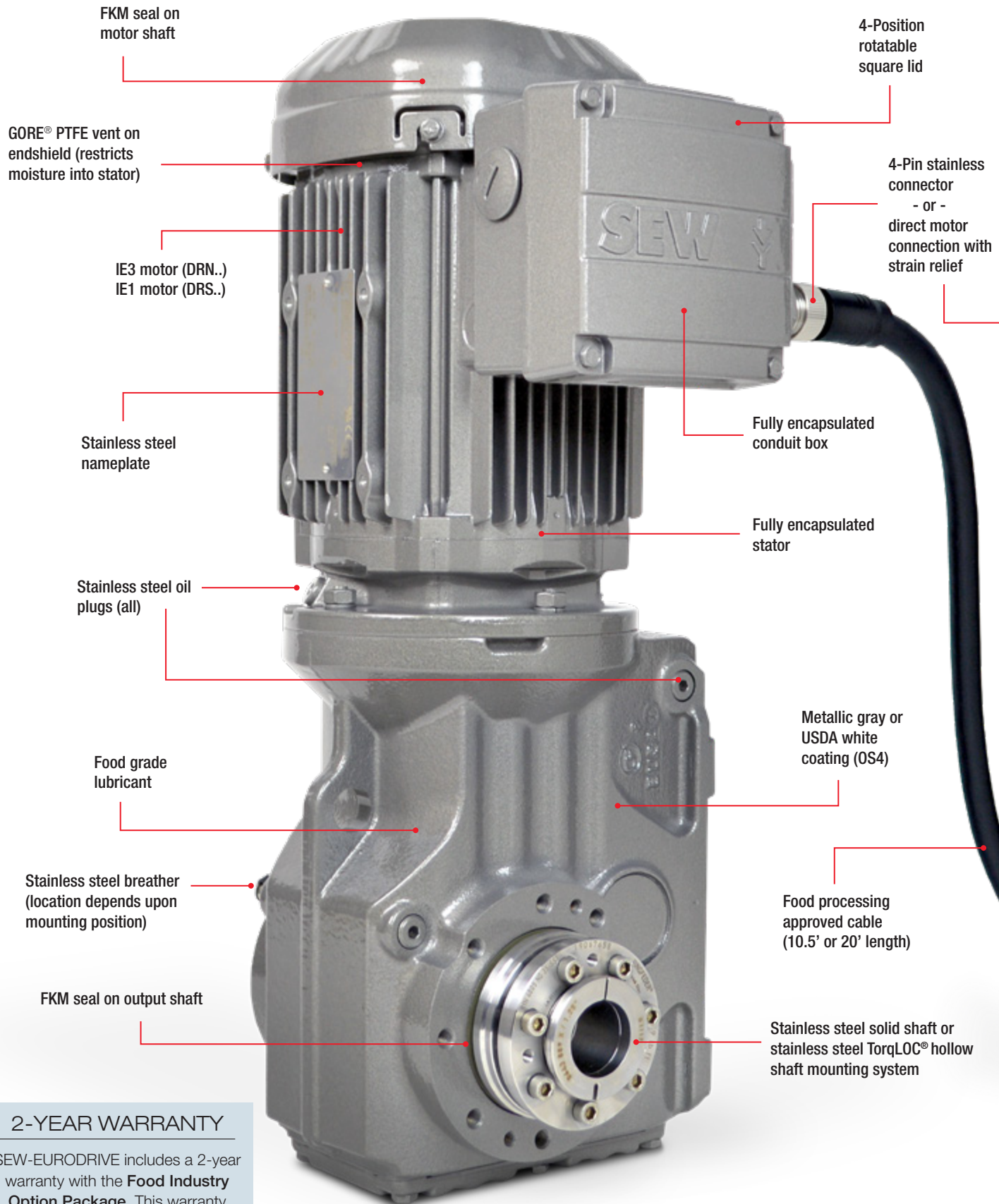
Motor:

- Fully encapsulated stator
- Fully encapsulated conduit box
- Motor sizes: 0.5 to 7.5 HP
- Multi-layered coating process containing antimicrobial protection
- Food industry approved cable (10.5' or 20' length)
- Stainless steel power connector with IP69 environmental protection
- Stainless steel nameplate
- Available in NEMA C-Face configuration
- FKM output shaft seals
- GORE® PTFE vent to restrict moisture from entering stator

Gear Unit:

- Stainless steel TorqLOC® keyless hollow shaft bushing system (KT, FT, ST units)
- Stainless steel solid output shaft (R/RF units)
- Synthetic food grade oil, H1 approved
- Multi-layered coating process containing antimicrobial protection
- Stainless steel breather + stainless steel oil plugs (all)
- Stainless steel nameplate
- FKM output shaft seals
- Available with NEMA C-face motor adapter





FKM seal on motor shaft

4-Position rotatable square lid

GORE® PTFE vent on endshield (restricts moisture into stator)

4-Pin stainless connector - or - direct motor connection with strain relief

IE3 motor (DRN.)
IE1 motor (DRS.)

Stainless steel nameplate

Fully encapsulated conduit box

Fully encapsulated stator

Stainless steel oil plugs (all)

Metallic gray or USDA white coating (OS4)

Food grade lubricant

Food processing approved cable (10.5' or 20' length)

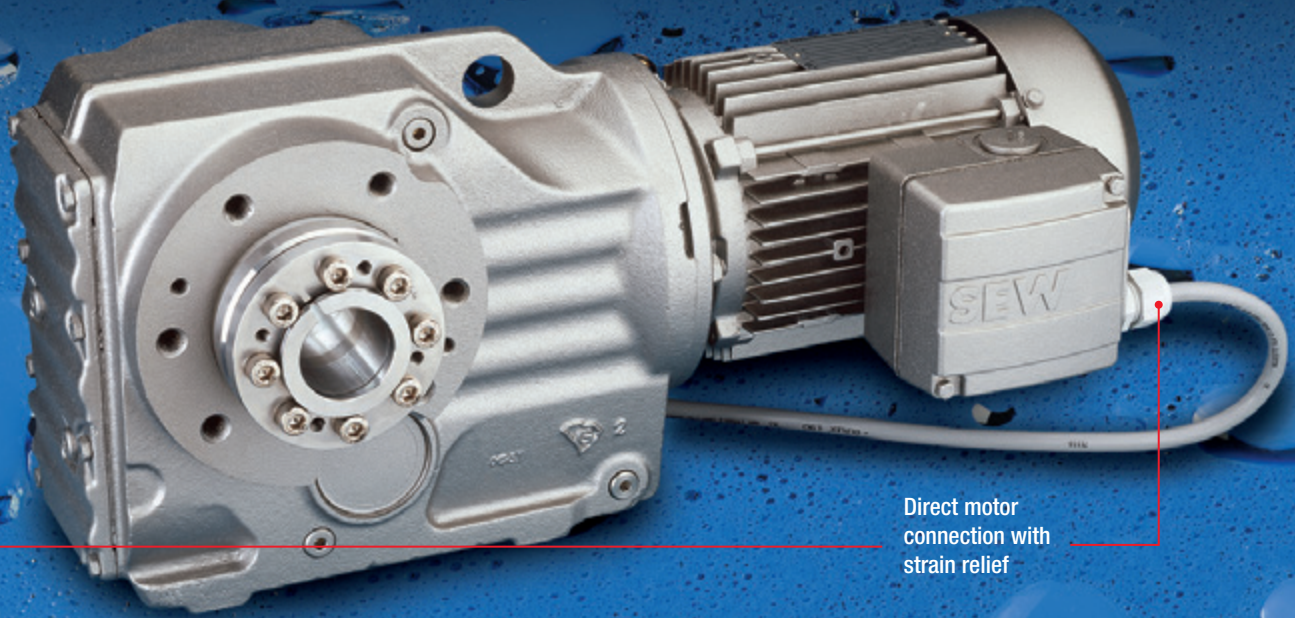
Stainless steel breather (location depends upon mounting position)

FKM seal on output shaft

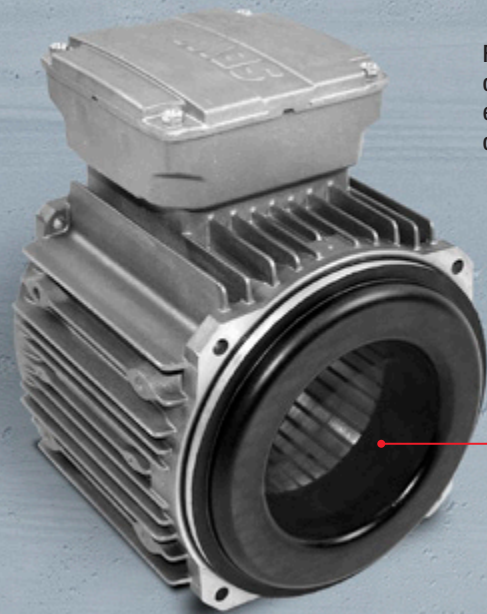
Stainless steel solid shaft or stainless steel TorqLOC® hollow shaft mounting system

2-YEAR WARRANTY

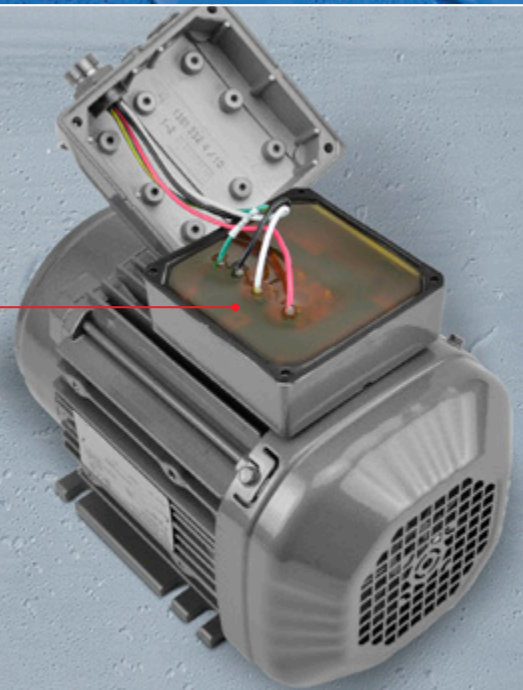
SEW-EURODRIVE includes a 2-year warranty with the **Food Industry Option Package**. This warranty covers any motor failure that results from moisture damage.



Direct motor connection with strain relief



Fully encapsulated stator and conduit box prevent water entry into the windings and conduit box connections



Installation

Removal

TorqLOC® Hollow Shaft Keyless Mounting System

TorqLOC® is the premier choice for a hollow shaft connection. Its keyless, taper bushing design provides simple installation and removal. Plus, its non-fretting and corrosion-resistant materials make it the perfect solution for wet environments.

- No need to machine or supply a key
- No need to grind your machine shaft to extremely tight tolerances
- Each gear unit has a wide selection of standard bushing diameters for maximum flexibility
- Tapered bushings allow for easy disassembly and removal after years of use
- The same bolts used for installation are also used for removal

Driving the world.

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