

#### Intelligence in detail

- Internal pressure lubrication that optimally supplies the gear unit at all times
- Specially designed split housing and innovative sealing concept to prevent leaks
- Air flow optimized motor adapter and air guiding plates for maximum heat dissipation and constant top performance



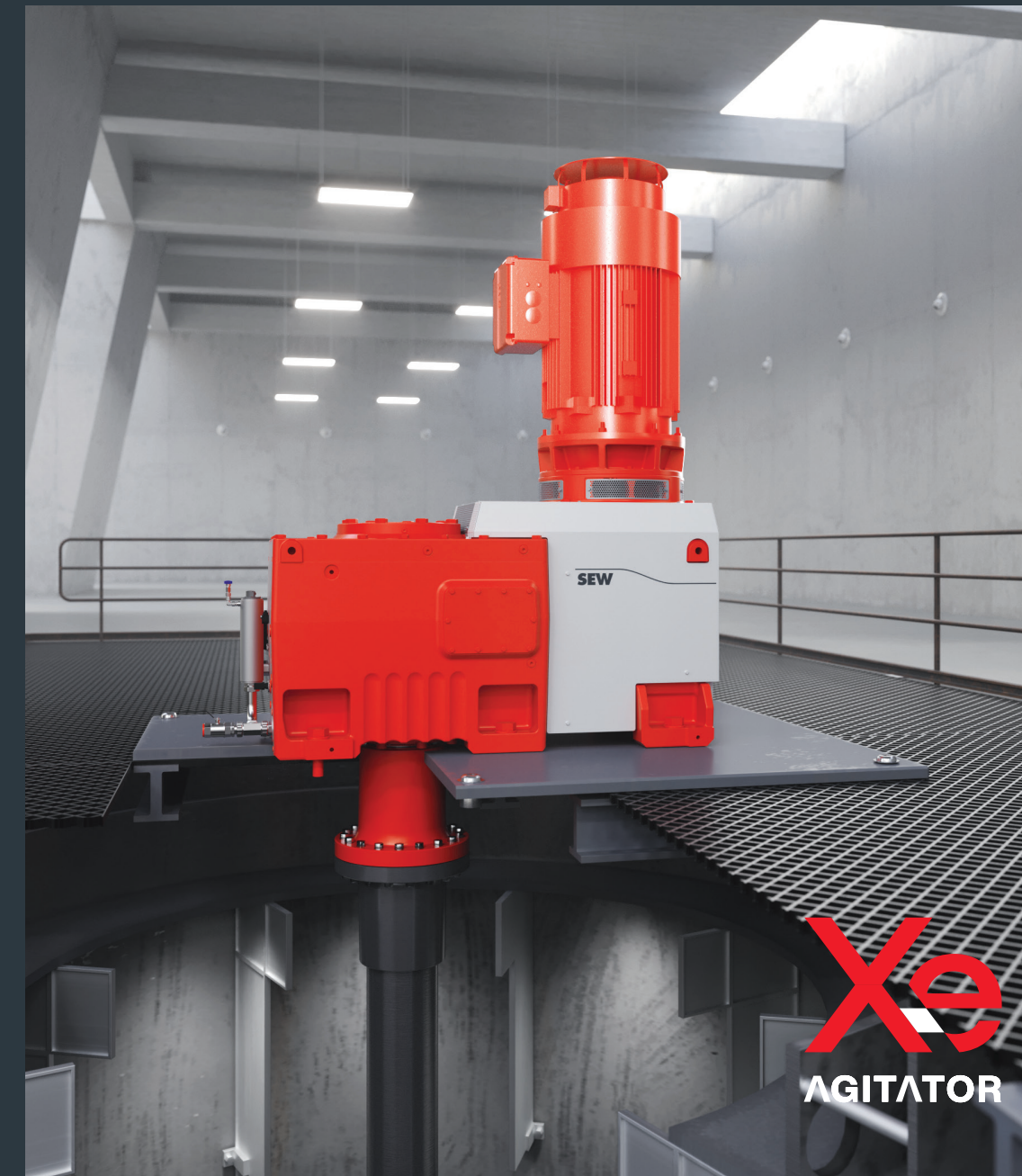
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Driving the world

**SEW**  
EURODRIVE

# Generation X.e agitator drive

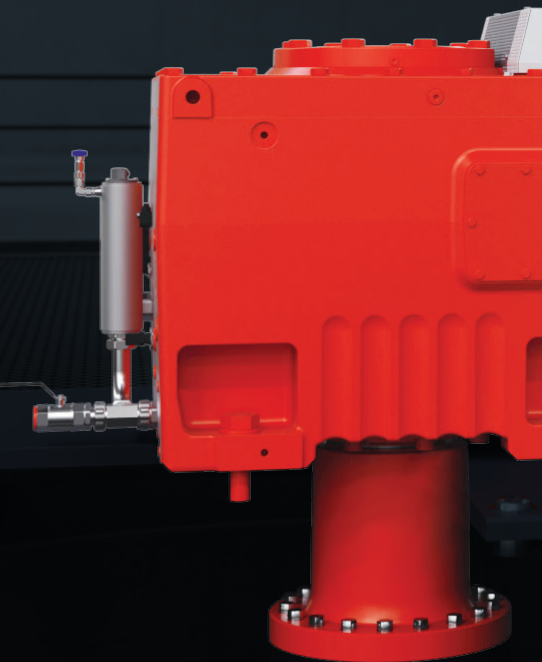
High performance **X.e Series** helical and bevel-helical gear unit



#### X.e drives for agitators and mixers

Agitator blades blend all kinds of materials: water with rocks or minerals, plastics, and food. Depending on the ingredients, the output shaft must withstand extremely strong loads.

The new application gear unit, based on the proven X.e series, has a tested housing and modern bearings. Both allow for the absorption of external forces and bending moments.



# Driving the world.

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**X.e**  
AGITATOR

# The right mix is the key

# Machine elements from the proven X.e series

**Capable of withstanding the strongest forces and bending moments**  
 With our extensive know-how, experience, and deep industry knowledge, we are professionals in industrial gear units. We provide flexible and reliable drive solutions – especially for complex systems like agitators and mixers.

**1 High performance**  
 An optimized housing and increased shaft size allows our drives to handle even the strongest loads.

- + Improved agitator housing with integrated foot design for maximum stiffness
- + Motor adapter optimized by finite element analysis to hold it in position during operation and improve air flow
- + Large output shaft and maximized bearing distance

**2 Safe operation**  
 The fail-safe design ensures that no oil leaks – 100% safe.

- + Housing is horizontally split with oil level below the split plane
- + Drywell for safe operation of critical goods
- + Integrated oil pump to quickly supply all bearings with lubricant

**3 Easy maintenance**  
 Thanks to the service-friendly design, initial installation and maintenance such as grease changes can be carried out easily. This saves time and costs.

- + Easy mounting preparation due to the aligned foot holes
- + Quick and safe re-lubrication of the drywell sealing system
- + Easy handling during installation and maintenance, as no parts are below the mounting feet



**With three different bearing concepts, each size is individually tailored to nearly any application requirement.**

Gear units	Nominal torque [klb-in]	Nominal torque [kNm]	Shaft diameter according to bearing type	Gear ratio
X..150e /HM	258	29.2	Moderate duty : 150 mm Heavy duty : 150 mm Heavy radial duty : 160 mm	25 – 112
X..170e /HM	420	47.5	Moderate duty : 170 mm Heavy duty : 170 mm Heavy radial duty : 180 mm	25 – 112
X..190e /HM	611	69	Moderate duty : 190 mm Heavy duty : 190 mm Heavy radial duty : 200 mm	22.5 – 100
X..210e /HM	850	96	Moderate duty : 220 mm Heavy duty : 220 mm Heavy radial duty : 230 mm	22.5 – 100
X..220e /HM	1,036	117	Moderate duty : 240 mm Heavy duty : 240 mm Heavy radial duty : 250 mm	20 – 400
X..240e /HM	1,460	165	Moderate duty : 260 mm Heavy duty : 260 mm Heavy radial duty : 270 mm	20 – 400
X..260e /HM	1,921	217	Moderate duty : 280 mm Heavy duty : 280 mm Heavy radial duty : 290 mm	20 – 400
X..280e /HM	2,523	285	Moderate duty : 300 mm Heavy duty : 300 mm Heavy radial duty : 320 mm	20 – 400