

New drive unit for thickeners

Reduced weight

Optimized force flows and simple structure enable mass reduction up to 50 % compared to conventional designs.

Increased lifting capacity

Heavy-duty spherical thrust bearings provide outstanding lifting capacity despite compact dimensions.

Lifting capacity from 30 tons up to 200 tons

Compact speed reducer

2-stage planetary speed reducer is accompanied with standard primary gearbox for vast ratio selection.

*Ratios from 224:1 to 144000 : 1
Nominal torques from 100 kNm to 800 kNm*

Increased lifting distance

Due to unique design longer axial strokes are available.

Stroke from 300 mm up to 1000 mm

Torque support

Two torque supports connected by torsion bar allow full self-alignment of speed reducer.

Ease of maintenance

Sliding motion during axial movement occurs outside gearbox in standard spherical plain bearings. Not inside housing requiring costly spare parts.

