

# Industrial gear units

## Planetary gear units



**P series**

<b>Features</b>	<ul style="list-style-type: none"> <li>– 11 sizes</li> <li>– High transmittable torque and very compact design</li> <li>– Great number of variants thanks to the combination options with the proven SEW gearmotor</li> <li>– High torsional rigidity</li> <li>– Areas of application: Construction materials industry, cement industry, process engineering, steel industry, materials handling, and waste water industry.</li> </ul>		
<b>Benefits</b>	<ul style="list-style-type: none"> <li>– Perfectly matched units (gear unit and motor)</li> <li>– Large range of options due to the SEW-EURODRIVE modular concept</li> <li>– Short, compact design as there is no need for couplings and adapter flanges</li> <li>– Standardized units for ideal cost/benefit ratio and short delivery times</li> <li>– High gear ratios possible</li> </ul>		
<b>Gear unit type</b>	<b>Stages</b>	<b>Gear ratio [i]</b>	<b>Nominal torque <math>M_{N2}</math> [kNm]</b>
<b>Helical planetary gear units (gearmotors) P.RF.:</b>	4 and 5 stages	100 ... 4000	24 ... 630 <sup>1)</sup>
<b>Bevel-helical planetary gear units (gearmotors) P.KF.:</b>	5 stages	140 ... 4000	24 ... 630 <sup>1)</sup>

<sup>1)</sup> Increased nominal torque for available sizes on request