

Product announcement

**The Powerful Combination of
Planetary Gear Units and
Helical/Helical-Bevel Gear Units**

Industrial Gear Units



The Powerful Combination of Planetary Gear Units and Helical/Helical-Bevel Gear Units

Many applications, e.g. in the bulk material handling technology or in the environmental and recycling industry, require drives with high torque. SEW-EURODRIVE has the solution: a perfect combination comprising a planetary gear unit and a standard, primary helical or bevel-helical gear unit.

These high-torque industrial gear units of the PMC series operate apron, belt and screw conveyors, hauling winches, screw presses, rotary scrapers or crushers both reliably and economically.

Overview of the benefits:

- Compact: increased power density thanks to planetary output stages
- Application-orientated: industry-typical sealing systems and lubrication methods as well as options for torque arms, mounting flanges, motor brackets, motor adapters, swing bases and rigid flange coupling hubs
- Economical: individual customer solutions using standard components
- Availability: short delivery times due to the stocked components strategy and the unique, international assembly network of SEW-EURODRIVE

Helical planetary gear units

Gear unit	Gear ratio	Torque M_{N2} [kNm]
	$i_{min} \dots i_{max}$	
P1 001 MC ..P	33 ... 500	24
P1 011 MC ..P	33 ... 539	42
P1 021 MC ..P	34 ... 508	59
P1 031 MC ..P	33 ... 503	80
P1 041 MC ..P	33 ... 528	116
P1 051 MC ..P	32 ... 528	143
P1 061 MC ..P	32 ... 493	185
P2 071 MC ..P	135 ... 4,198	304
P2 081 MC ..P	139 ... 4,353	445

Helical-bevel planetary gear units

Gear unit	Gear ratio	Torque M_{N2} [kNm]
	$i_{min} \dots i_{max}$	
P1 001 MC ..R	32 ... 510	24
P1 011 MC ..R	33 ... 514	42
P1 021 MC ..R	33 ... 489	59
P1 031 MC ..R	33 ... 502	80
P1 041 MC ..R	32 ... 511	116
P1 051 MC ..R	32 ... 511	143
P1 061 MC ..R	32 ... 495	185
P2 071 MC ..R	135 ... 3,992	304
P2 081 MC ..R	138 ... 3,964	445

SEW
EURODRIVE

Driving the world

SEW-EURODRIVE GmbH & Co KG
P.O.Box 30 23 · D-76642 Bruchsal/Germany
Phone +49 7251 75-0 · Fax +49 7251 75-1970
sew@sew-eurodrive.com

→ www.sew-eurodrive.com