

**The P-X series –  
where two industrial gear unit  
worlds meet**

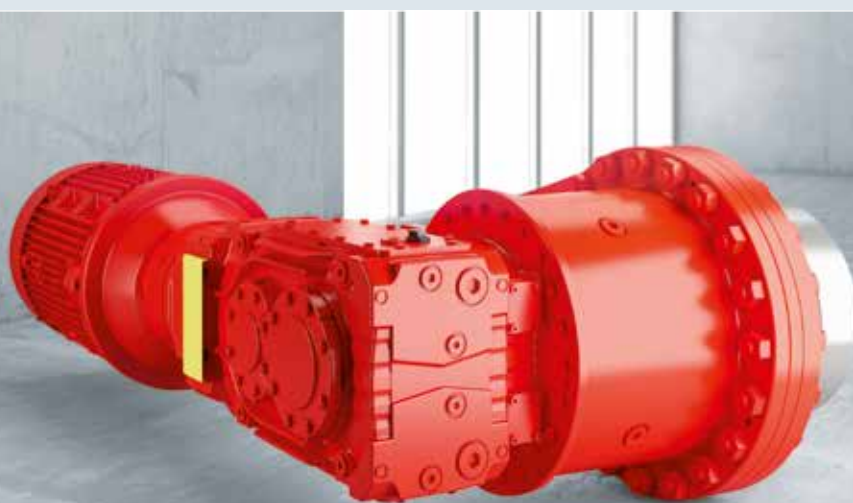


## The P-X series combines the advantages of two industrial gear unit series

The P-X series unites a compact planetary stage with robust, versatile industrial gear units. Thanks to their outstanding performance and high level of operational reliability, these units are the perfect solution for drives in the medium to high torque range – even for extremely heavy applications.

Be it hollow shaft or solid shaft, with key, smooth or spline to DIN 5480, whether horizontal, vertical or inclined mounting position, the P-X series offers a whole range of alternatives. The increased load-bearing capacity of the flanges means that even heavy motors can be

mounted, which enables extraordinary economic advantages to be achieved – e.g. through easy installation and alignment. Combined with the high level of operational reliability, these advantages also deliver a reduction in maintenance and repair costs.



The P-X series is a high-performance planetary gear unit with a small gear ratio for diverse areas of application.



**When a compact solution with high thermal rating is required, the combined, standardized and high-performance planetary gear units of the P-X series cannot fail to impress.**

## Wide range of available features

**Torque arm**



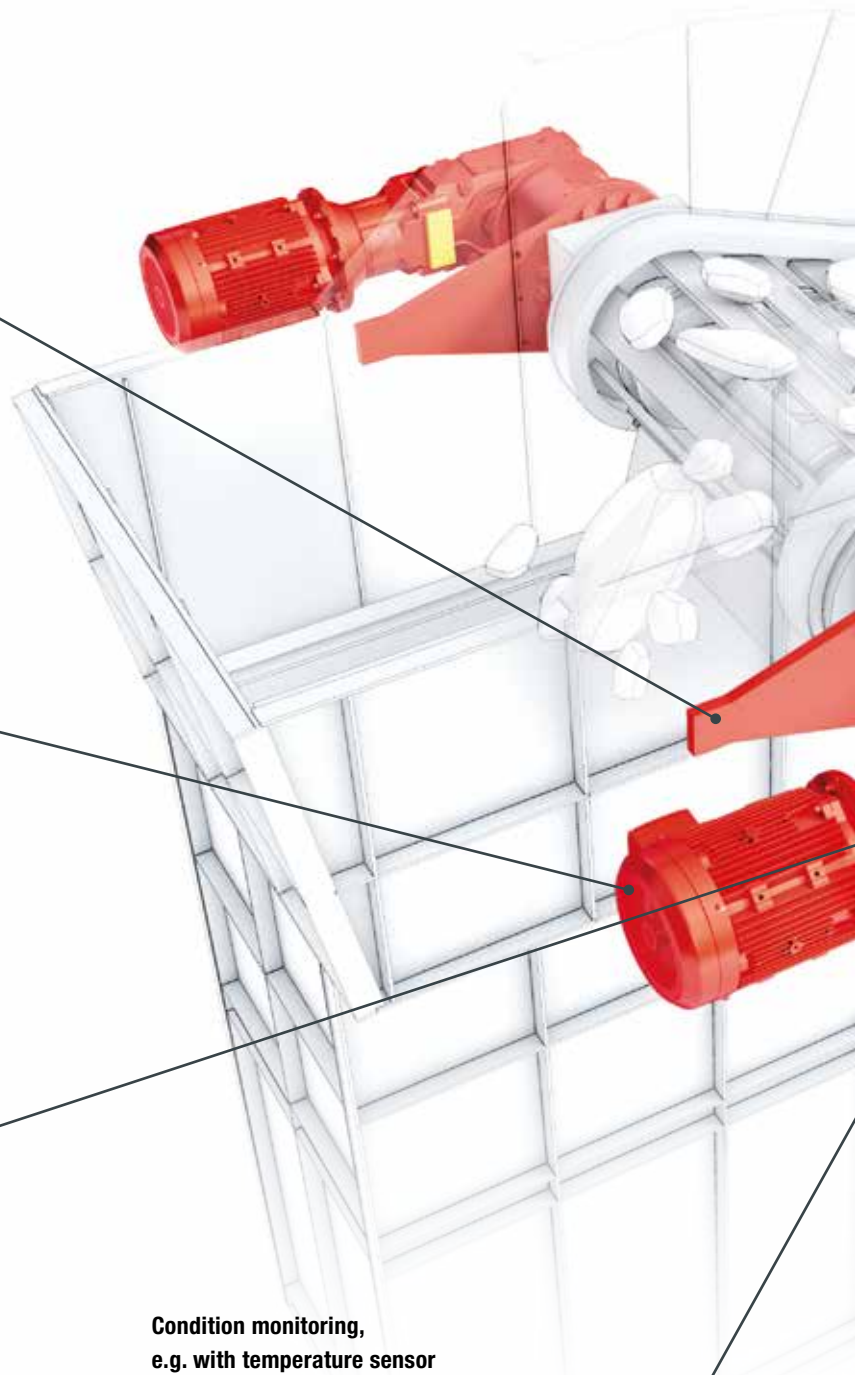
**DRN.. energy efficient motor  
with efficiency class IE3**



**Motoradapter with radial fan;  
Available up to size IEC 355**



**Condition monitoring,  
e.g. with temperature sensor**





**Solid shaft with key**



**Hollow shaft with shrink disc**



**Optimal sealing system for all applications  
e.g. 2 seals, regreasable labyrinth seal**



**X.K housing with integrated  
intermediate flange**





## P-X series: the most important facts and figures

### Design features

- High-performance planetary gear unit with medium overall gear ratio ( $i = 160 - 550$ )
- Rigid connection between the P series and X series gear units
- Wide range of variants for connecting motors and fans
- Heating rods can be housed in the series X housing and in the intermediate flange
- Shared oil chamber with efficient oil circulation
- Primary gear unit mounted horizontally on the right- or left-hand side as standard. Other mounting positions possible on request (M2/M4/M5/M6 and pivoted mounting positions)
- SEP shaft end pump and backstop possible

### Advantages

- High thermal rating
- Usable at low temperature ranges  $< -25\text{ °C}$ .
- Variety of options means a wider area of application
- No need for replacement gear units (with double gear units) thanks to invertible housing
- Easy selection since it is a standardized drive from the catalog
- Fast delivery times thanks to global availability
- Worldwide service provision
- No swing base, even with higher motor power levels with motor adapter (IEC/NEMA)
- Customer-specific system solutions with motors, coupling, brake and fan on a compact motor scoop

### Preferred application areas

- Apron feeders
- Bucket wheel drives
- Stackers/reclaimers
- Shredders
- Wood panel system
- Cranes
- Drum washing machine
- Sugar mills
- Winches

## Gear ratios and torques

### P-X... helical/bevel-helical gear units: gear units sizes 042 to 102, gear ratio $i = 160 - 550$

Gear unit size	Torque class $M_{N2}$ kNm
042	100
052	124
062	185
072	245
082	359
092	420
102	500

For gear ratios outside this range, please contact us.

## SEW-EURODRIVE is right there for you:

**Argentina**

Tel. +54 3327 4572-84  
Fax +54 3327 4572-21  
sewar@sew-eurodrive.com.ar

**Australia**

Tel. +61 3 9933-1000  
Fax +61 3 9933-1003  
enquires@sew-eurodrive.com.au

**Austria**

Tel. +43 1 617 55 00-0  
Fax +43 1 617 55 00-30  
sew@sew-eurodrive.at

**Belarus**

Tel. +375 17 298 47 56  
Fax +375 17 298 47 54  
sales@sew.by

**Belgium**

Tel. +32 16 386-311  
Fax +32 16 386-336  
info@sew-eurodrive.be

**Brazil**

Tel. +55 19 3835-8000  
sew@sew.com.br

**Canada**

Tel. +1 905 791-1553  
Fax +1 905 791-2999  
marketing@sew-eurodrive.ca

**Chile**

Tel. +56 2 2757 7000  
Fax +56 2 2757 7001  
ventas@sew-eurodrive.cl

**China**

Tel. +86 22 25322612  
Fax +86 22 25323273  
info@sew-eurodrive.cn

**Colombia**

Tel. +57 1 54750-50  
Fax +57 1 54750-44  
sew@sew-eurodrive.com.co

**Czech Republic**

Tel. +420 255 709 601  
Fax +420 235 350 613  
sew@sew-eurodrive.cz

**Denmark**

Tel. +45 43 9585-00  
Fax +45 43 9585-09  
sew@sew-eurodrive.dk

**Finland**

Tel. +358 201 589-300  
Fax +358 3 7806-211  
sew@sew.fi

**France**

Tel. +33 3 88 73 67 00  
Fax +33 3 88 73 66 00  
sew@usocome.com

**Great Britain**

Tel. +44 1924 893-855  
Fax +44 1924 893-702  
info@sew-eurodrive.co.uk

**Hungary**

Tel. +36 1 437 06-58  
Fax +36 1 437 06-50  
office@sew-eurodrive.hu

**India**

Tel. +91 265 3045200  
Fax +91 265 3045300  
marketing@seweurodriveindia.com

**Italy**

Tel. +39 02 96 9801  
Fax +39 02 96 980 999  
sewit@sew-eurodrive.it

**Ivory Coast**

Tel. +225 21 21 81 05  
Fax +225 21 25 30 47  
info@sew-eurodrive.ci

**Japan**

Tel. +81 538 373811  
Fax +81 538 373814  
sewjapan@sew-eurodrive.co.jp

**Kazakhstan**

Tel. +7 727 238 1404  
Fax +7 727 243 2696  
sew@sew-eurodrive.kz

**Malaysia**

Tel. +60 7 3549409  
Fax +60 7 3541404  
sales@sew-eurodrive.com.my

**Mexico**

Tel. +52 442 1030-300  
Fax +52 442 1030-301  
scmexico@seweurodrive.com.mx

**Mongolia**

Tel. +976 77109997  
Fax +976 77109997  
sew@sew-eurodrive.mn

**Morocco**

Tel. +212 523 32 27 80/81  
Fax +212 523 32 27 89  
sew@sew-eurodrive.ma

**Netherlands**

Tel. +31 10 4463-700  
Fax +31 10 4155-552  
info@sew-eurodrive.nl

**New Zealand**

Tel. +64 9 2745627  
Fax +64 9 2740165  
sales@sew-eurodrive.co.nz

**Norway**

Tel. +47 69 241-020  
Fax +47 69 241-040  
sew@sew-eurodrive.no

**Paraguay**

Tel. +595 991 519695  
Fax +595 21 3285539  
sewpy@sew-eurodrive.com.py

**Peru**

Tel. +51 1 3495280  
Fax +51 1 3493002  
sewperu@sew-eurodrive.com.pe

**Poland**

Tel. +48 42 676 53 00  
Fax +48 42 676 53 49  
sew@sew-eurodrive.pl

**Portugal**

Tel. +351 231 20 9670  
Fax +351 231 20 3685  
info@sew-eurodrive.pt

**Russia**

Tel. +7 812 3332522  
Fax +7 812 3332523  
sew@sew-eurodrive.ru

**Singapore**

Tel. +65 68621701  
Fax +65 68612827  
sewsingapore@sew-eurodrive.com

**Slovakia**

Tel. +421 2 33595 202  
Fax +421 2 33595 200  
sew@sew-eurodrive.sk

**South Africa**

Tel. +27 11 248 7000  
Fax +27 11 248 7289  
info@sew.co.za

**South Korea**

Tel. +82 31 492-8051  
Fax +82 31 492-8056  
master.korea@sew-eurodrive.com

**Spain**

Tel. +34 94 4318470  
Fax +34 94 4318471  
sew.spain@sew-eurodrive.es

**Sweden**

Tel. +46 36 3442 00  
Fax +46 36 3442 80  
info@sew-eurodrive.se

**Switzerland**

Tel. +41 61 41717-17  
Fax +41 61 41717-00  
info@imhof-sew.ch

**Tanzania**

Tel. +255 22 277 5780  
Fax +255 22 277 5788  
uroos@sew.co.tz

**Thailand**

Tel. +66 38 454281  
Fax +66 38 454288  
sewthailand@sew-eurodrive.com

**Turkey**

Tel. +90 262 999 1000-04  
Fax +90 262 999 1009  
sew@sew-eurodrive.com.tr

**Ukraine**

Tel. +380 56 370 3211  
Fax +380 56 372 2078  
sew@sew-eurodrive.ua

**Uruguay**

Tel. +598 2 2118189  
Fax +598 2 2118190  
sewuy@sew-eurodrive.com.uy

**USA**

Tel. +1 864 439-7537  
Fax +1 864 439-7830  
cslyman@seweurodrive.com

**Venezuela**

Tel. +58 241 832-9804  
Fax +58 241 838-6275  
ventas@sew-eurodrive.com.ve

## How we're driving the world



**SEW-EURODRIVE**  
Driving the world

**SEW**  
**EURODRIVE**

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

→ [www.sew-eurodrive.com](http://www.sew-eurodrive.com)