



STÖBER

Helical Bevel Gear Unit KSS

Spare Parts Catalogue

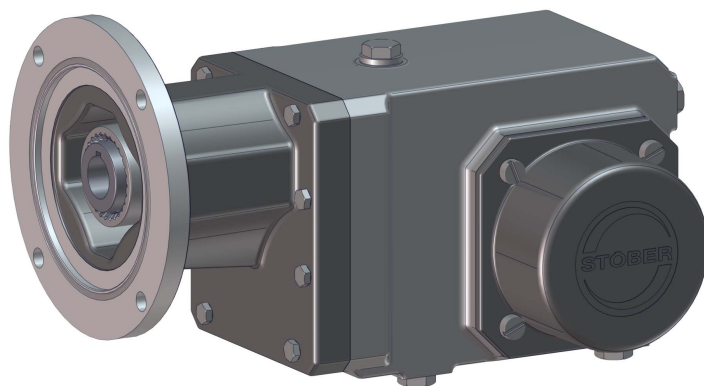


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1 Introduction

1.1 Notes on safety

NOTICE

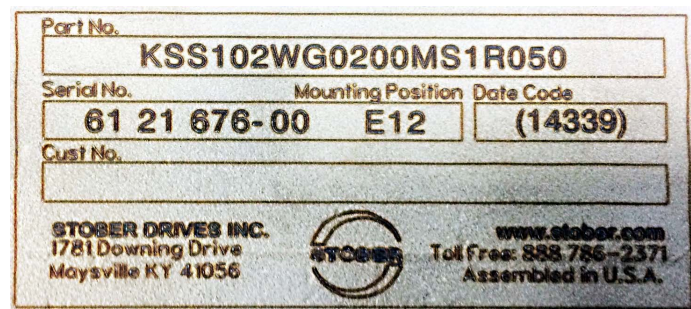
Material damage!

Please note the following information as otherwise STÖBER can not provide any warranty or assume liability for any resulting damage!

- Repairs on the gear unit may only be performed by qualified personnel.
- Only use original spare parts supplied by STÖBER.
- Spare parts catalogues are not repair instructions and are non-binding for repairs on the gear unit.

Please use the form in Chapter 3, page 14 for queries and when ordering spare parts.

1.2 Nameplate



Field	Meaning
Parts No.	Gear unit type (see type designation)
Serial No.	Serial number of gear unit
Mounting Position	Mounting position
Date Code	Date of manufacture (year/day)
Cust No.	Customer number

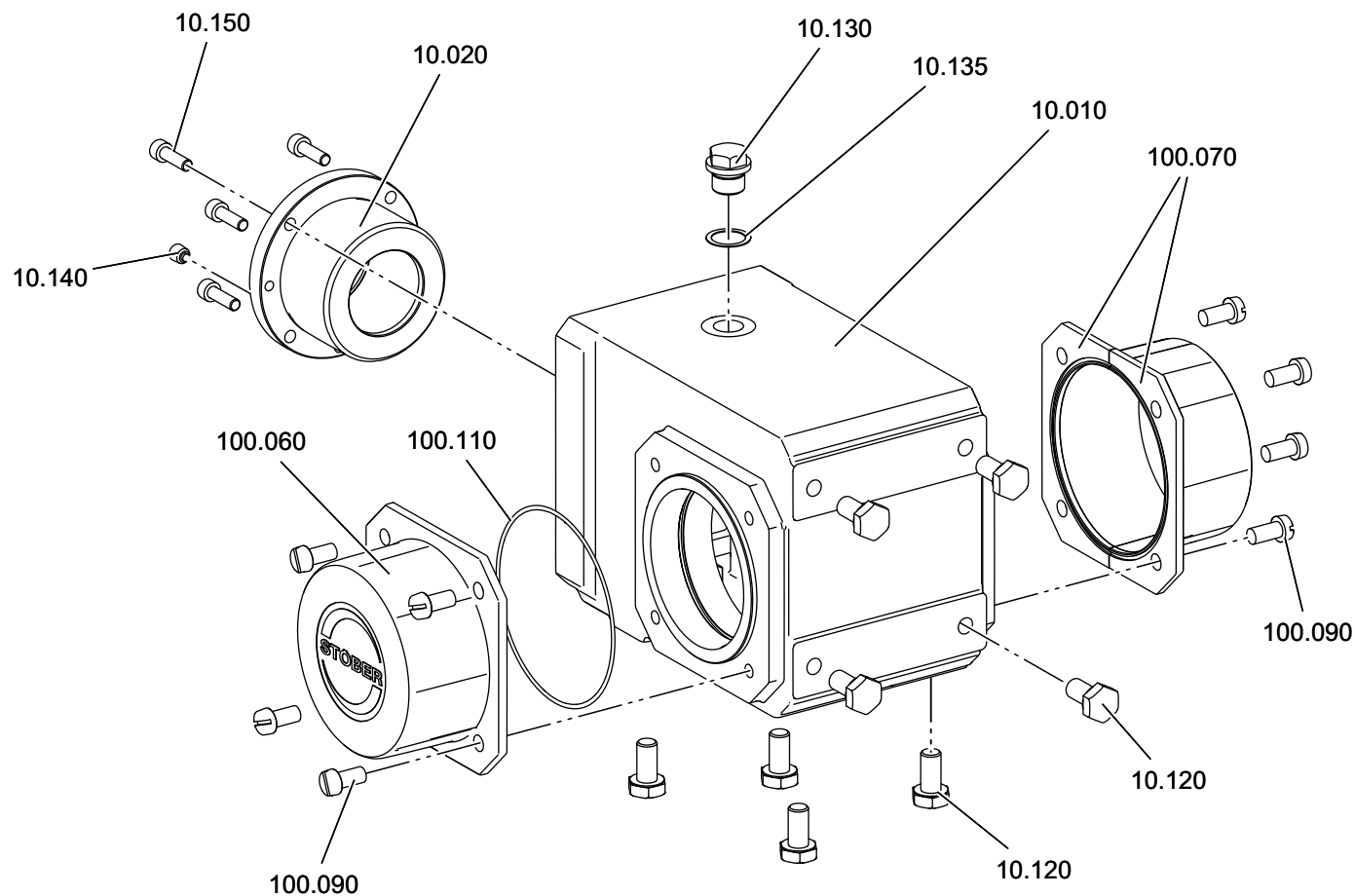
1.3 Type designation

KSS	3	0	2	W	G	0100	MS3R	140	E12
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Code	Designation	Design
KSS	Type	Helical bevel gear unit with stainless steel housing and output shaft
3	Size	3 (example)
0	Generation	Generation 0
2	No. of gear stages	2 stages
3		3 stages
W	Shaft	Hollow shaft with double clamping set
A		Hollow shaft
V		Solid shaft
G	Housing	Screw hole circle
F		Output flange
N		Foot mounting
0100		Transmission ratio $i \times 10$ $i = 14$ (example)
MS3R		Motor adapter MS3R (example)
140	NEMA frame size	140 (example)
E12	Mounting position	E12 (example)

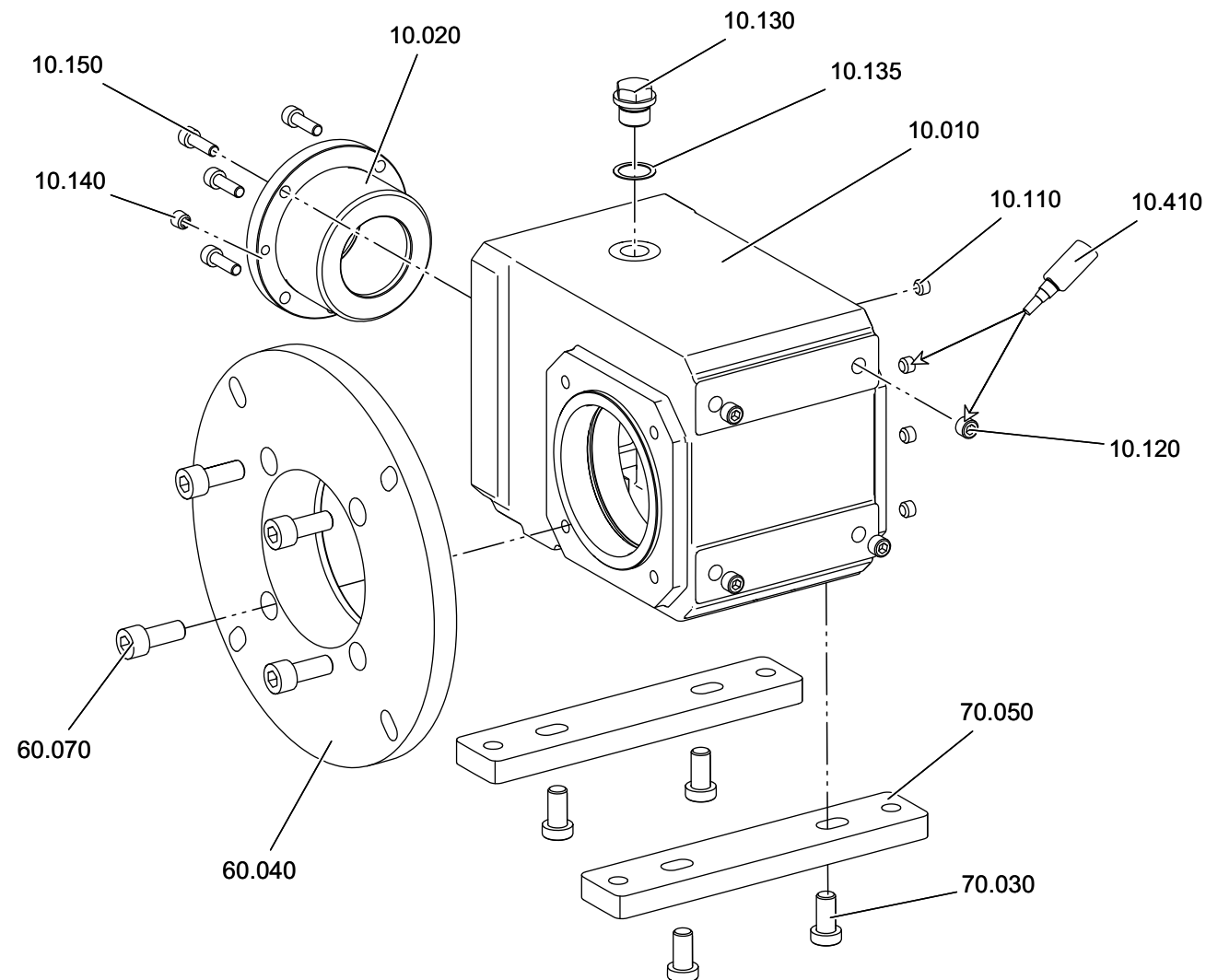
2 Spare Parts Lists

2.1 KSS_W Housing with Attachment Parts



Item no.	Designation
10.010	Gear unit housing
10.020	Bearing block
10.120	Hexagon head screw
10.130	Screw plug
10.135	Sealing ring
10.140	Screw plug
10.150	Cylinder head screw
100.060	Cover
100.070	Cover
100.090	Cylinder head screw
100.110	O-ring

2.2 KSS_A, _V Housing with Attachment Parts

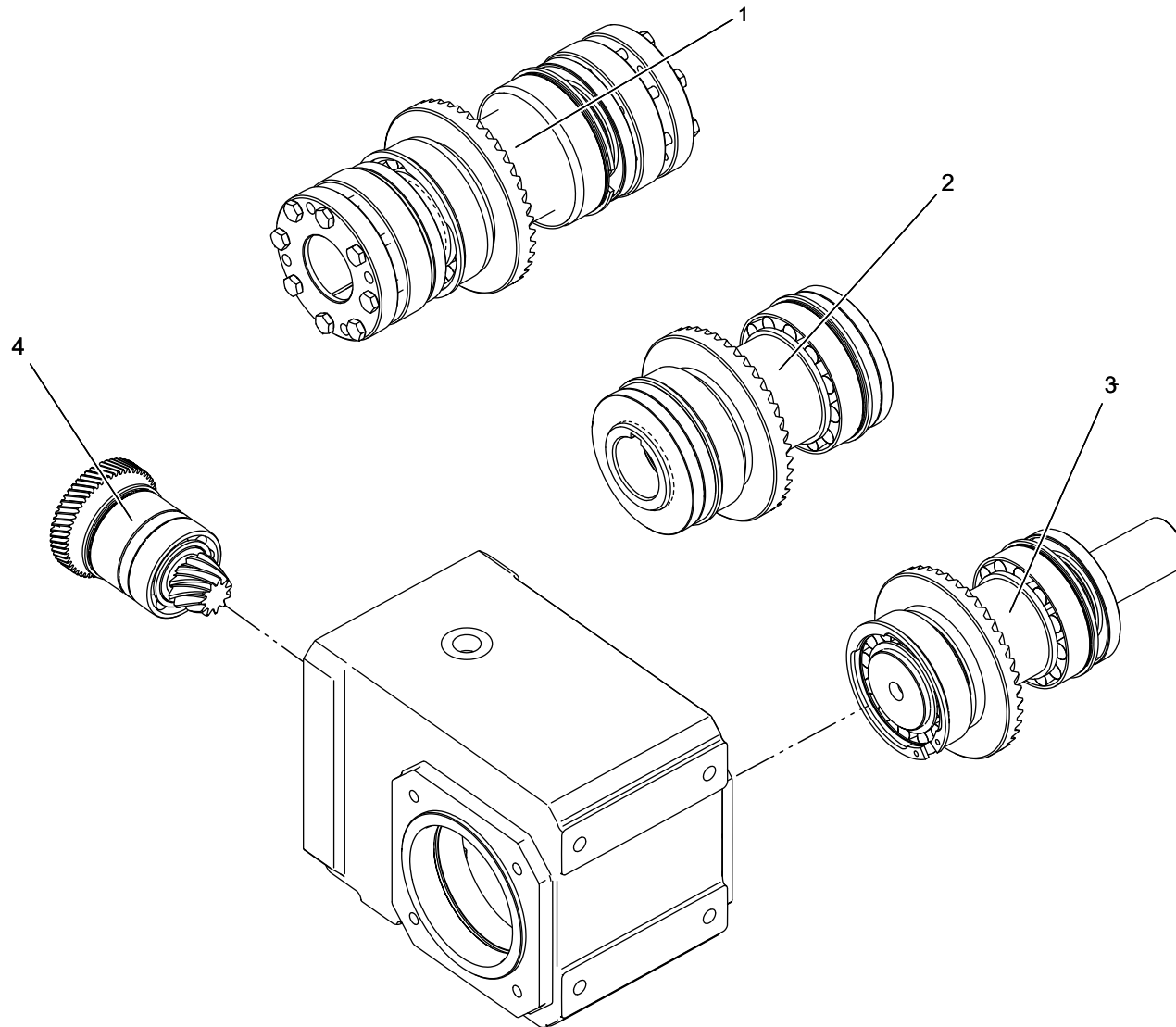


Item no.	Designation
10.010	Gear unit housing
10.020	Bearing block
10.110	Threaded pin
10.120	Threaded pin
10.130	Screw plug
10.135	Sealing ring
10.140	Screw plug
10.150	Cylinder head screw
10.410	Adhesive
60.040	Output flange ^{a)}
60.070	Cylinder head screw ^{a)}
70.030	Cylinder head screw ^{a)}
70.050	Baseboard ^{a)}

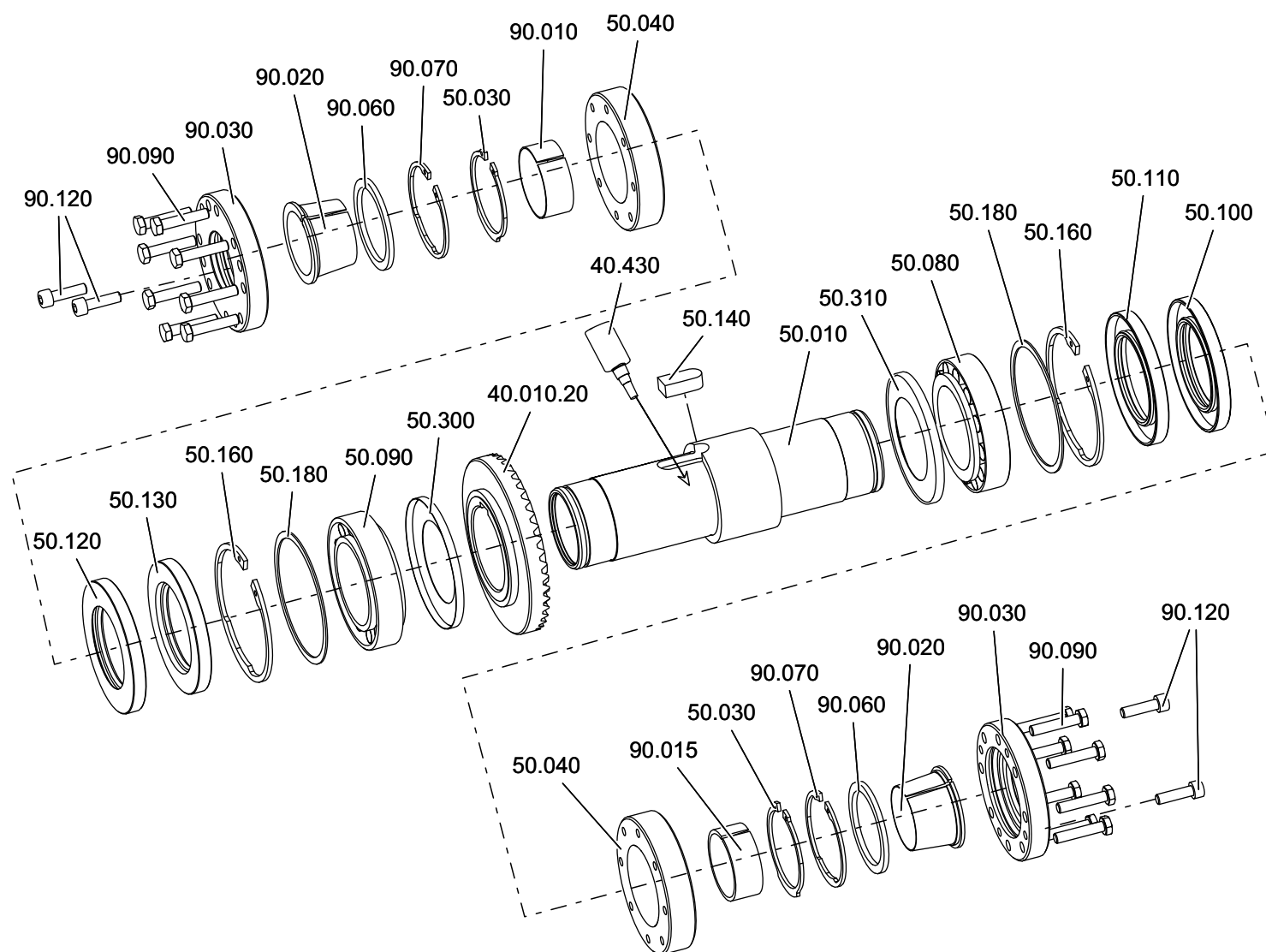
a) optional

2.3 Overview KSS Shafts

Item no.	Designation
1	Hollow shaft with double clamping set (complete)
2	Hollow shaft (complete)
3	Solid shaft (complete)
4	Pinion shaft (complete)



2.4 KSS_W Hollow Shaft with Double Clamping Set



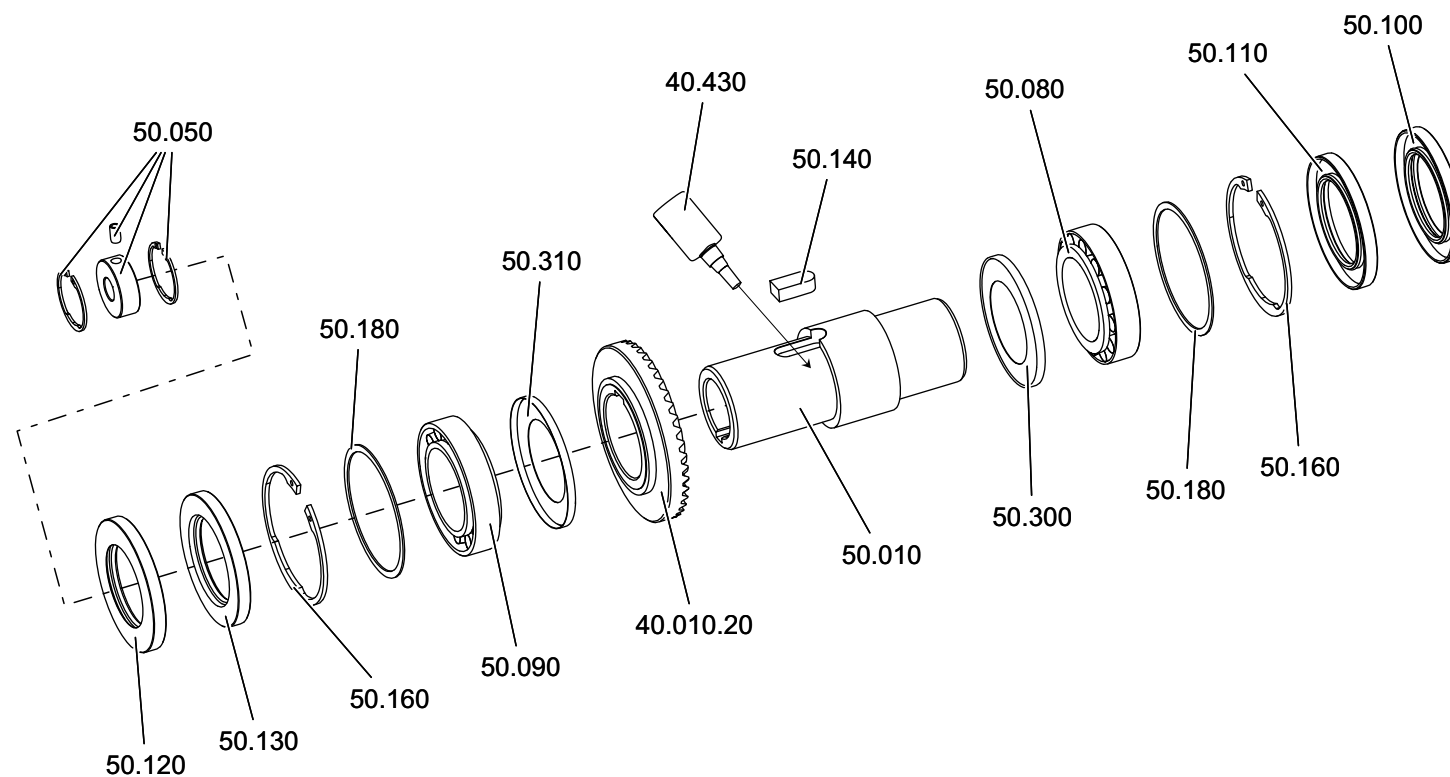
Item no.	Designation
40.010.20	Crown wheel ^{a)}
40.430	Adhesive
50.010	Hollow shaft
50.040	Pressure ring
50.080	Rolling bearing
50.090	Rolling bearing
50.100	Shaft seal ring
50.110	Shaft seal ring ^{b)}
50.120	Shaft seal ring
50.130	Shaft seal ring ^{b)}
50.140	Feather key
50.160	Snap ring
50.180	Adjusting washers
50.300	Nilos ring ^{c)}
50.310	Nilos ring ^{c)}
90.010	Taper bush
90.015	Taper bush
90.020	Taper bush
90.030	Tension ring
90.060	Support disk
90.070	Snap ring
90.090	Hexagon head screw
90.120	Cylinder head screw

a) only paired with 40.010.10 pinion shaft

b) optional

c) only in EL34

2.5 KSS_A Hollow Shaft



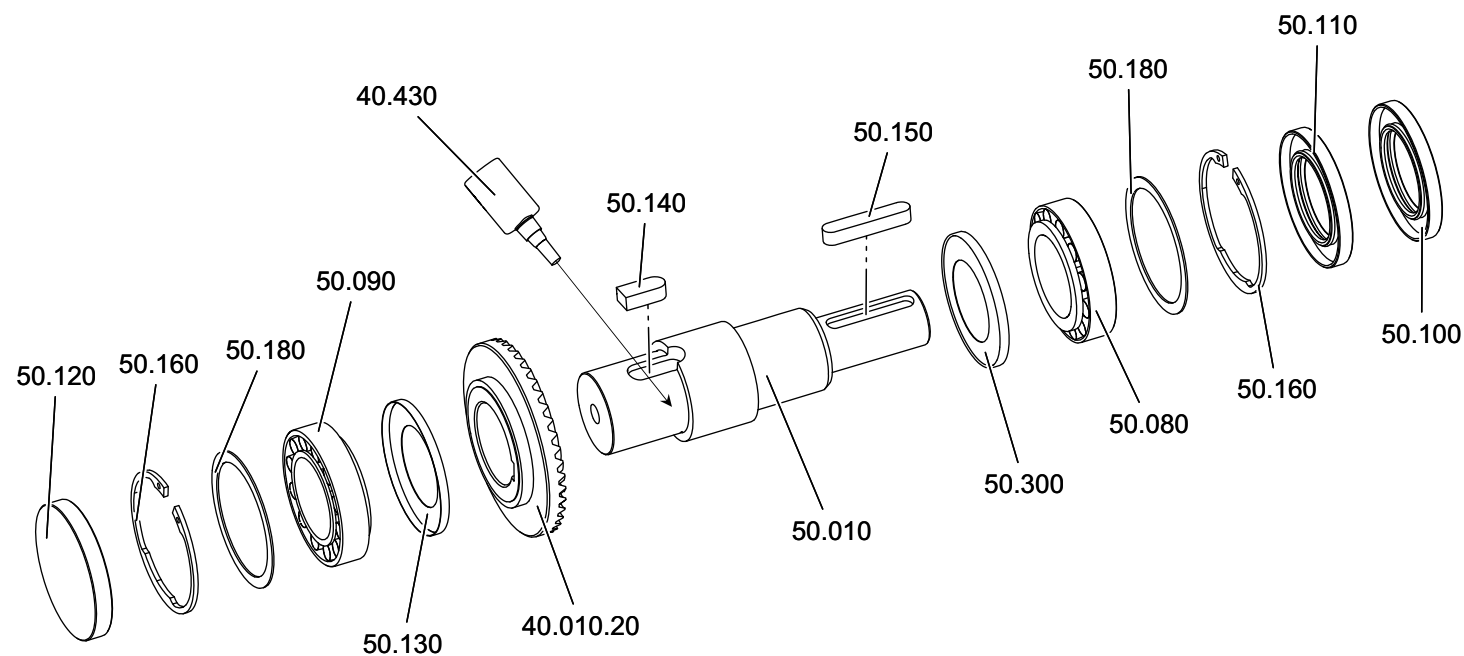
Item no.	Designation
40.010.20	Crown wheel ^{a)}
40.430	Adhesive
50.010	Hollow shaft
50.050	Forcing-off disk (complete)
50.080	Rolling bearing
50.090	Rolling bearing
50.100	Shaft seal ring
50.110	Shaft seal ring ^{b)}
50.120	Shaft seal ring
50.130	Shaft seal ring ^{b)}
50.140	Feather key
50.160	Snap ring
50.180	Adjusting washers
50.300	Nilos ring ^{c)}
50.310	Nilos ring ^{c)}

a) only paired with 40.010.10 pinion shaft

b) optional

c) only in EL34

2.6 KSS_V Solid Shaft



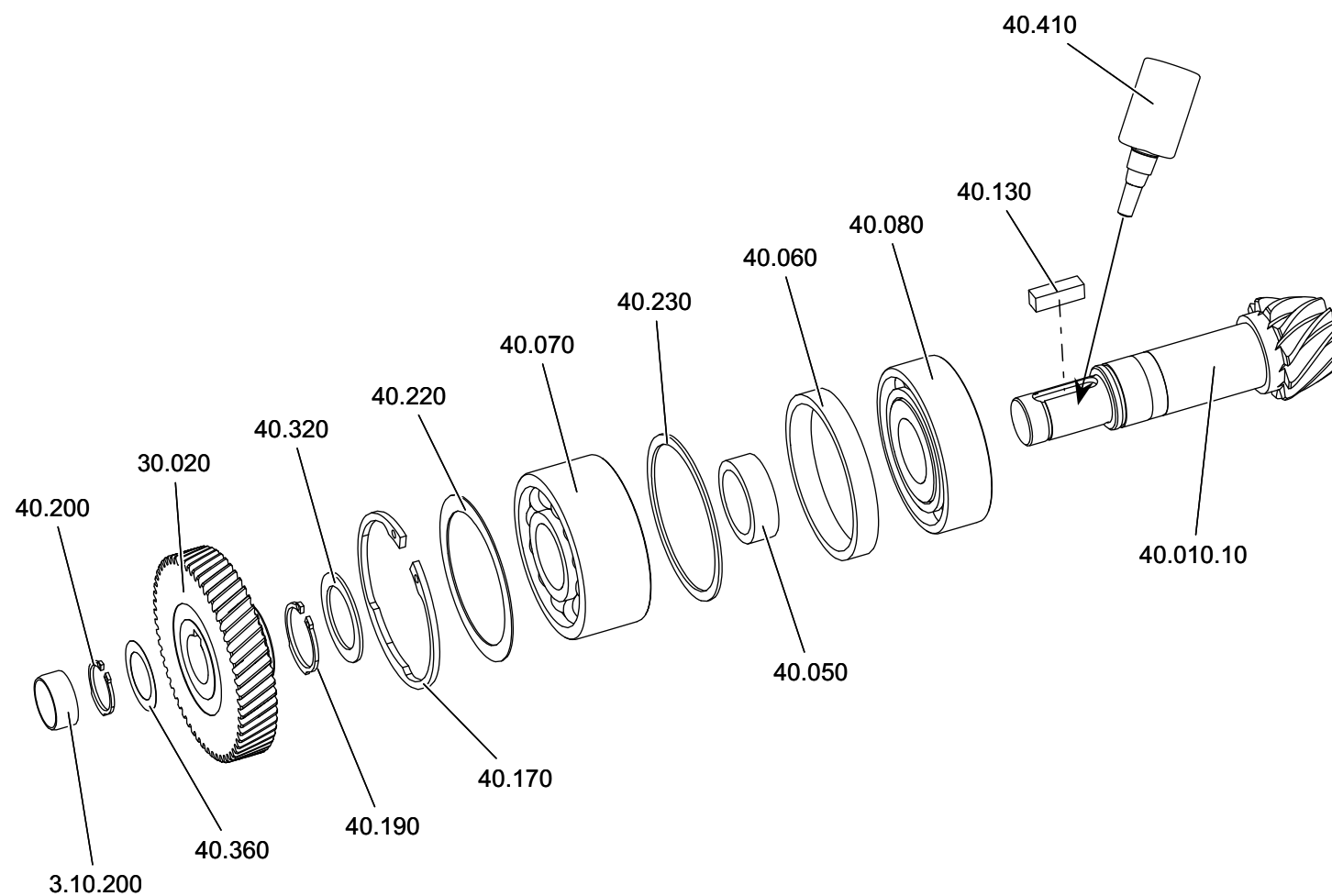
Item no.	Designation
40.010.20	Crown wheel ^{a)}
40.430	Adhesive
50.010	Solid shaft
50.080	Rolling bearing
50.090	Rolling bearing
50.100	Shaft seal ring
50.110	Shaft seal ring ^{b)}
50.120	Shaft seal ring
50.130	Shaft seal ring ^{b)}
50.140	Feather key
50.160	Snap ring
50.180	Adjusting washers
50.300	Nilos ring ^{c)}
50.310	Nilos ring ^{c)}

a) only paired with 40.010.10 pinion shaft

b) optional

c) only in EL34

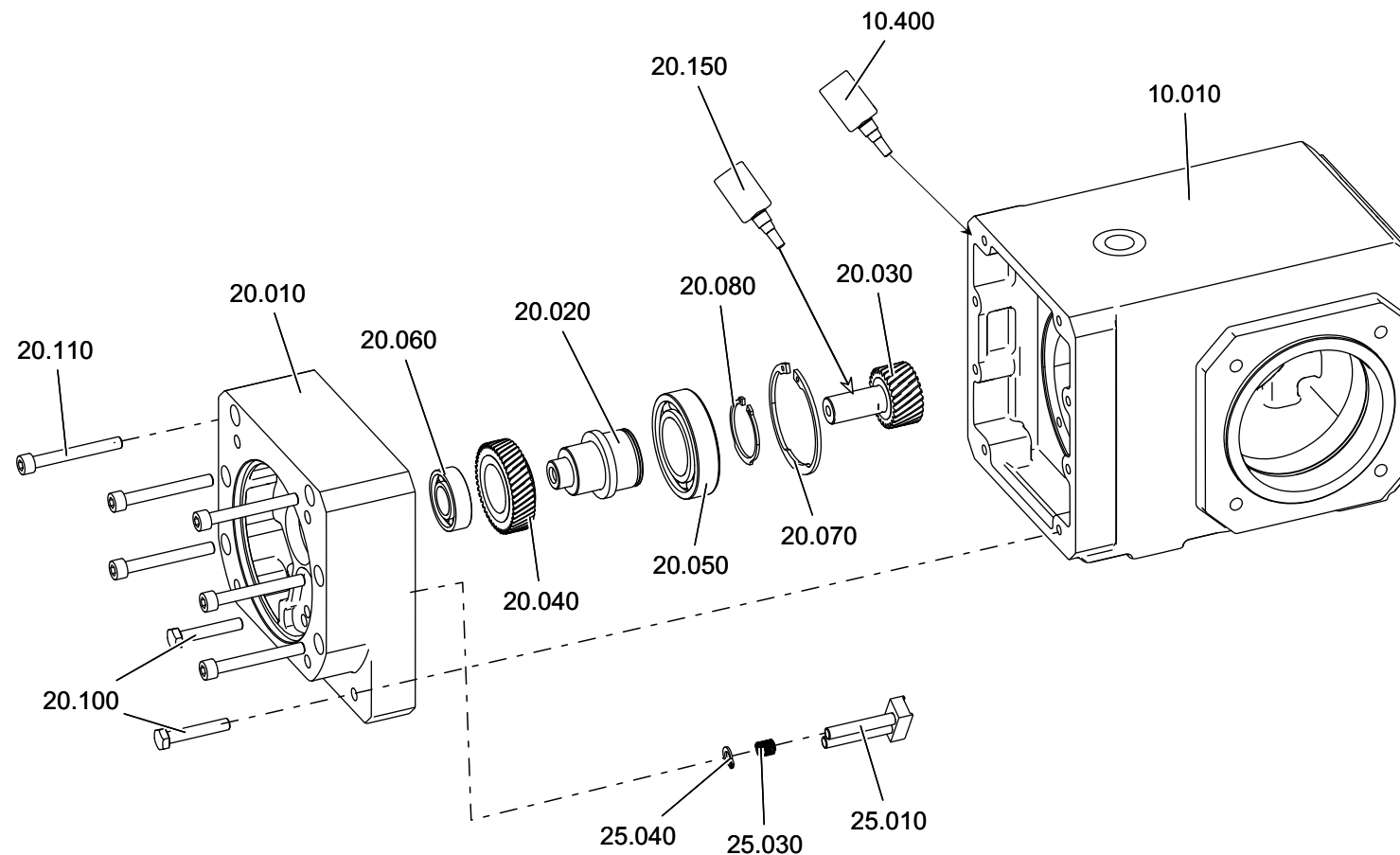
2.7 KSS Pinion Shaft



Pos.Nr.	Bezeichnung
3.10.200	Plain bearing bush
30.020	Gear wheel
40.010.10	Pinion shaft ^{a)}
40.050	Distance bush
40.060	Distance bush
40.070	Rolling bearing
40.080	Rolling bearing
40.130	Feather key
40.170	Snap ring
40.190	Snap ring
40.200	Snap ring
40.220	Adjusting washers
40.230	Adjusting washers
40.320	Adjusting washers
40.360	Adjusting washers
40.410	Adhesive

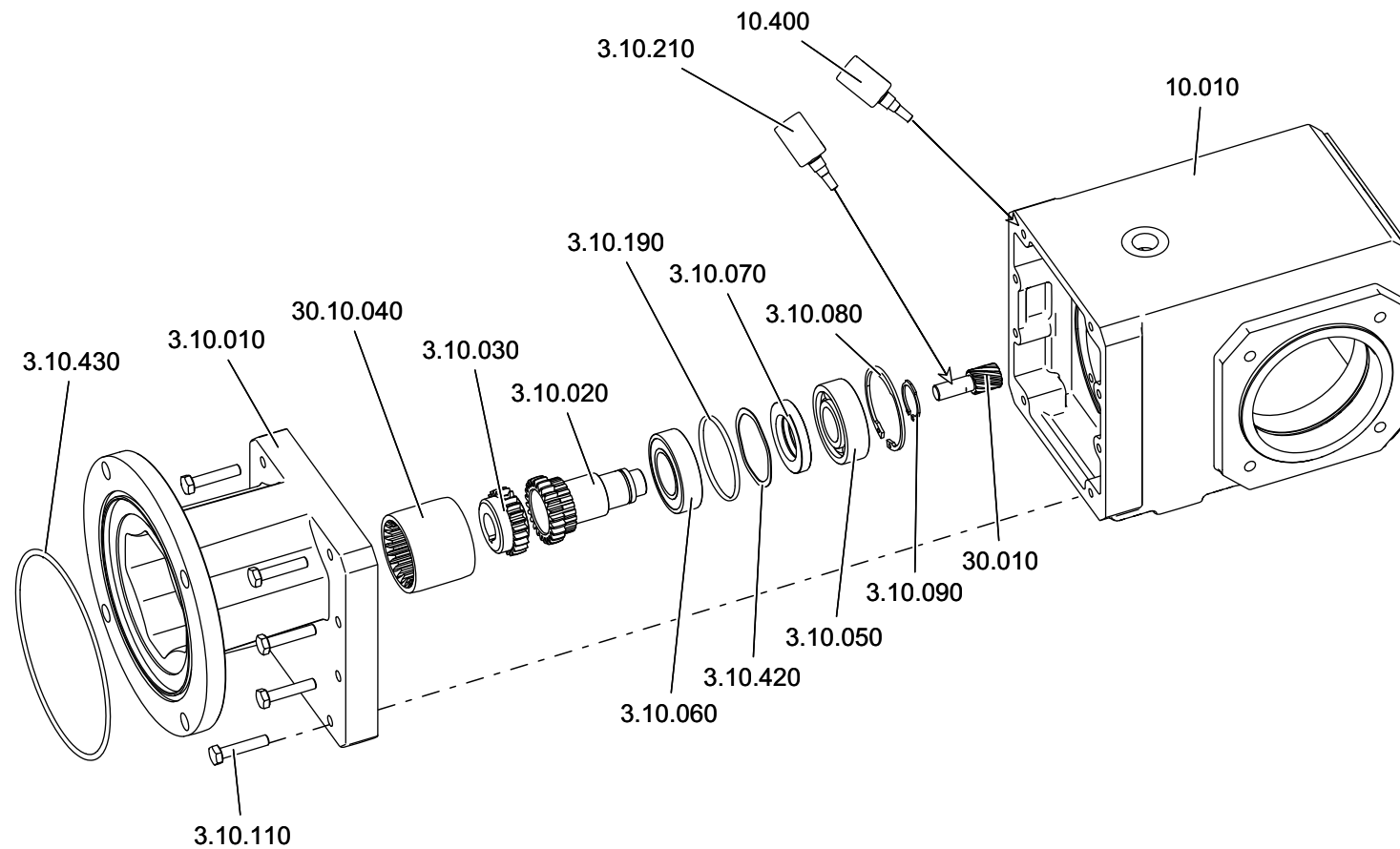
a) only paired with 40.010.20 crown wheel

2.8 Third KSS Gear Stage



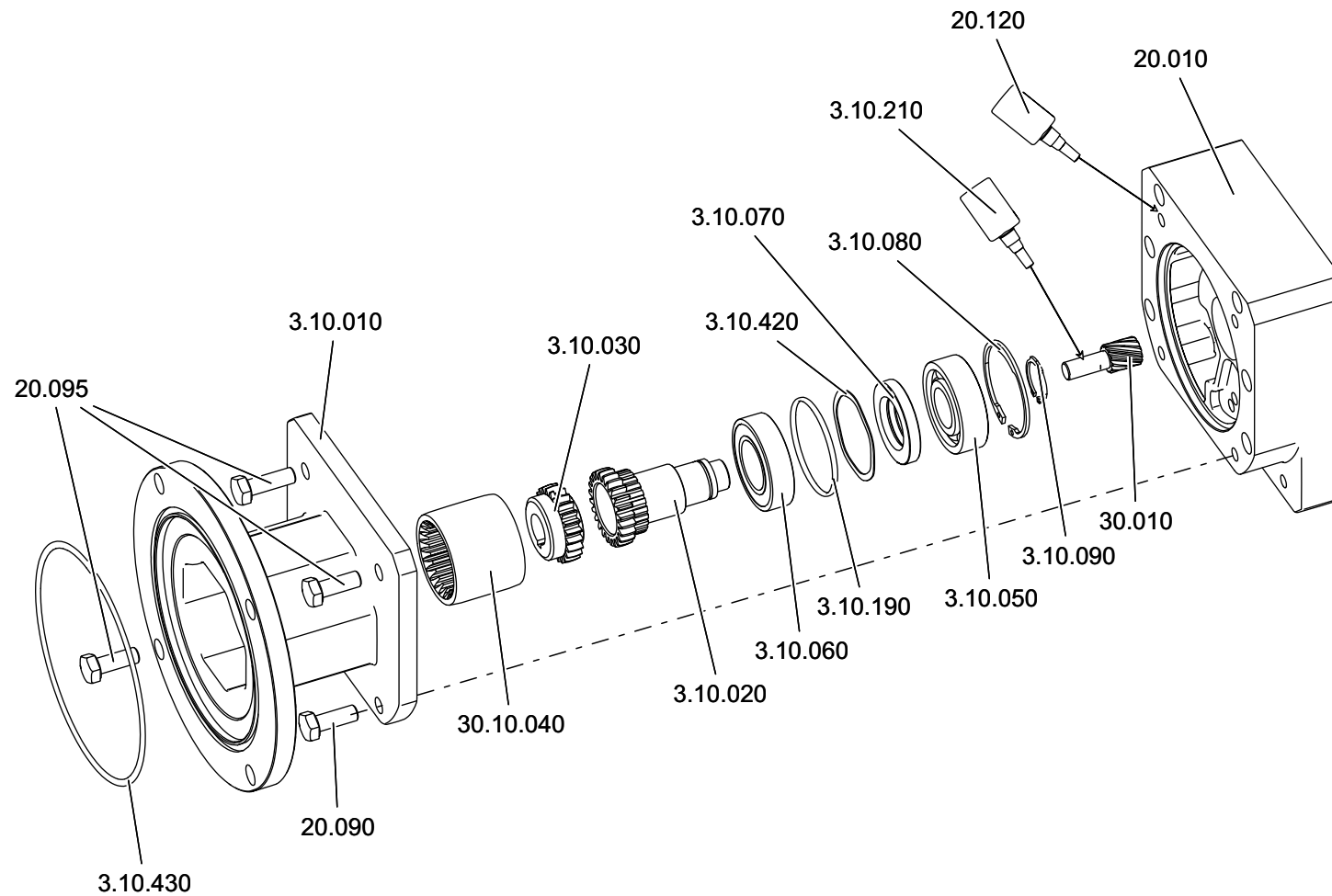
Item no.	Designation
10.010	Gear unit housing
10.400	Sealing compound
20.010	Front-mounted housing
20.020	Countershaft
20.030	Shank pinion
20.040	Gear wheel
20.050	Rolling bearing
20.060	Rolling bearing
20.070	Snap ring
20.080	Snap ring
20.100	Hexagon head screw
20.110	Cylinder head screw
20.150	Adhesive
25.010	Oil wiper (complete)
25.030	Compression spring
25.040	Grip ring
40.220	Adjusting washers
40.230	Adjusting washers
40.320	Adjusting washers
40.360	Adjusting washers
40.410	Adhesive

2.9 Motor Adapter 2 Gear Stages



Item no.	Designation
10.010	Gear unit housing
10.400	Sealing compound
30.010	Shank pinion
3.10.010	Coupling housing
3.10.020	Shaft coupling
3.10.030	Hub
3.10.040	Sleeve
3.10.050	Rolling bearing
3.10.060	Rolling bearing
3.10.070	Shaft seal ring
3.10.080	Snap ring
3.10.090	Snap ring
3.10.100	Hexagon head screw
3.10.110	Hexagon head screw
3.10.190	O-ring
3.10.210	Adhesive
3.10.420	Shim
3.10.430	O-ring

2.10 Motor Adapter 3 Gear Stages



Item no.	Designation
20.010	Front-mounted housing
20.090	Hexagon head screw
20.095	Hexagon head screw
20.120	Sealing compound
30.010	Shank pinion
3.10.010	Coupling housing
3.10.020	Shaft coupling
3.10.030	Hub
3.10.040	Sleeve
3.10.050	Rolling bearing
3.10.060	Rolling bearing
3.10.070	Shaft seal ring
3.10.080	Snap ring
3.10.090	Snap ring
3.10.190	O-ring
3.10.210	Adhesive
3.10.420	Shim
3.10.430	O-ring

Please complete the form for spare part queries or orders in full and send it to STOBER (contact information can be found on the last page of this document). The STOBER Service Team will then contact you promptly.

☐ Spare part query	
☐ Spare part order	
Customer number	
Company*	
ZIP, City*	
State, Country*	
Contact person*	
Phone*	
E-Mail*	
Type designation	
Serial No.*	



STÖBER

WE KEEP THINGS MOVING

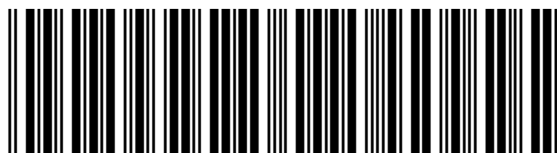


STÖBER ANTRIEBSTECHNIK GmbH & Co. KG

Technische Änderungen vorbehalten
Errors and changes excepted

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