

PH-PB | SERIES

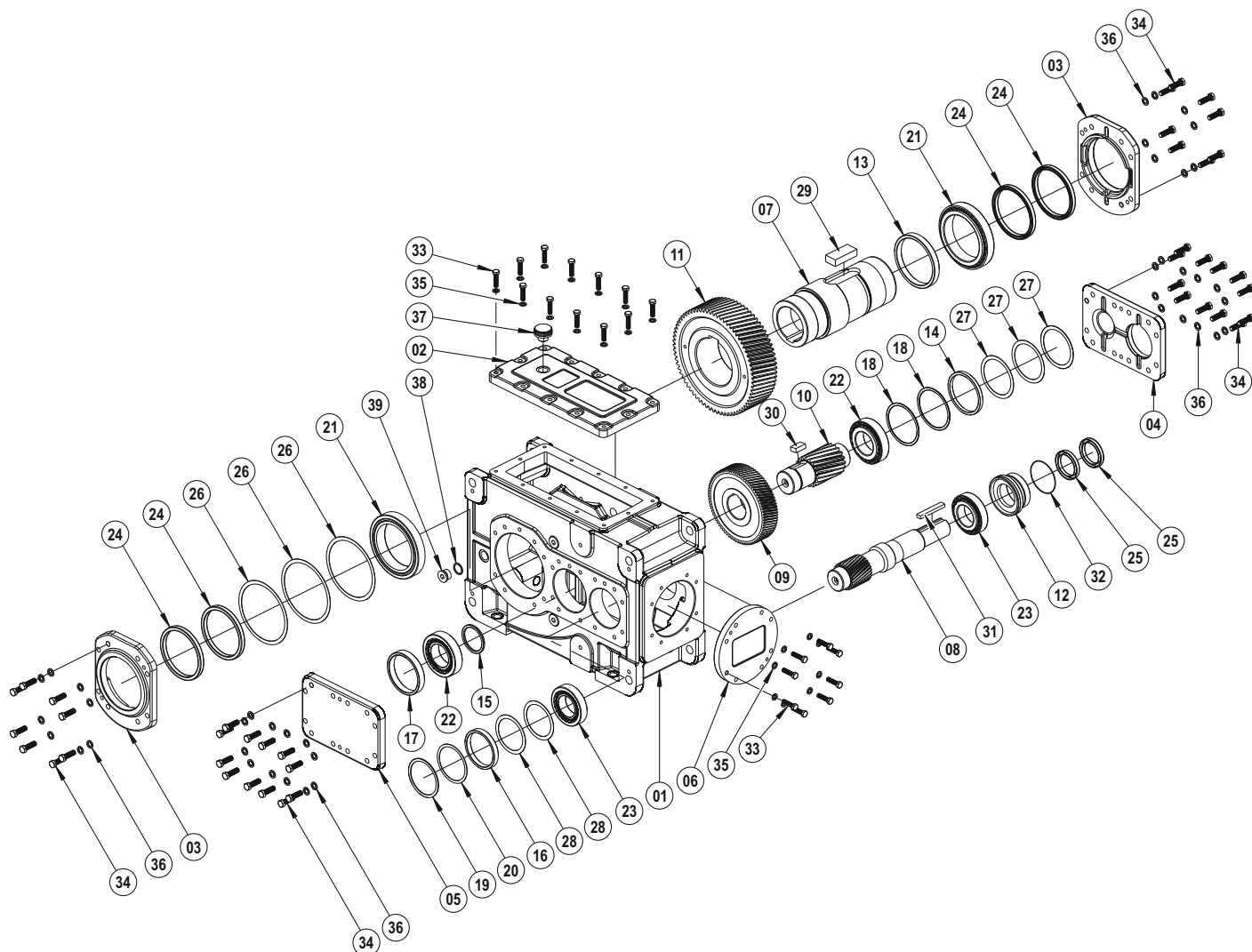
Industrial Type Gear Units

GENERAL PART LIST

We reserve the right to our company to make changes or
modifications to catalogue without prior notice.

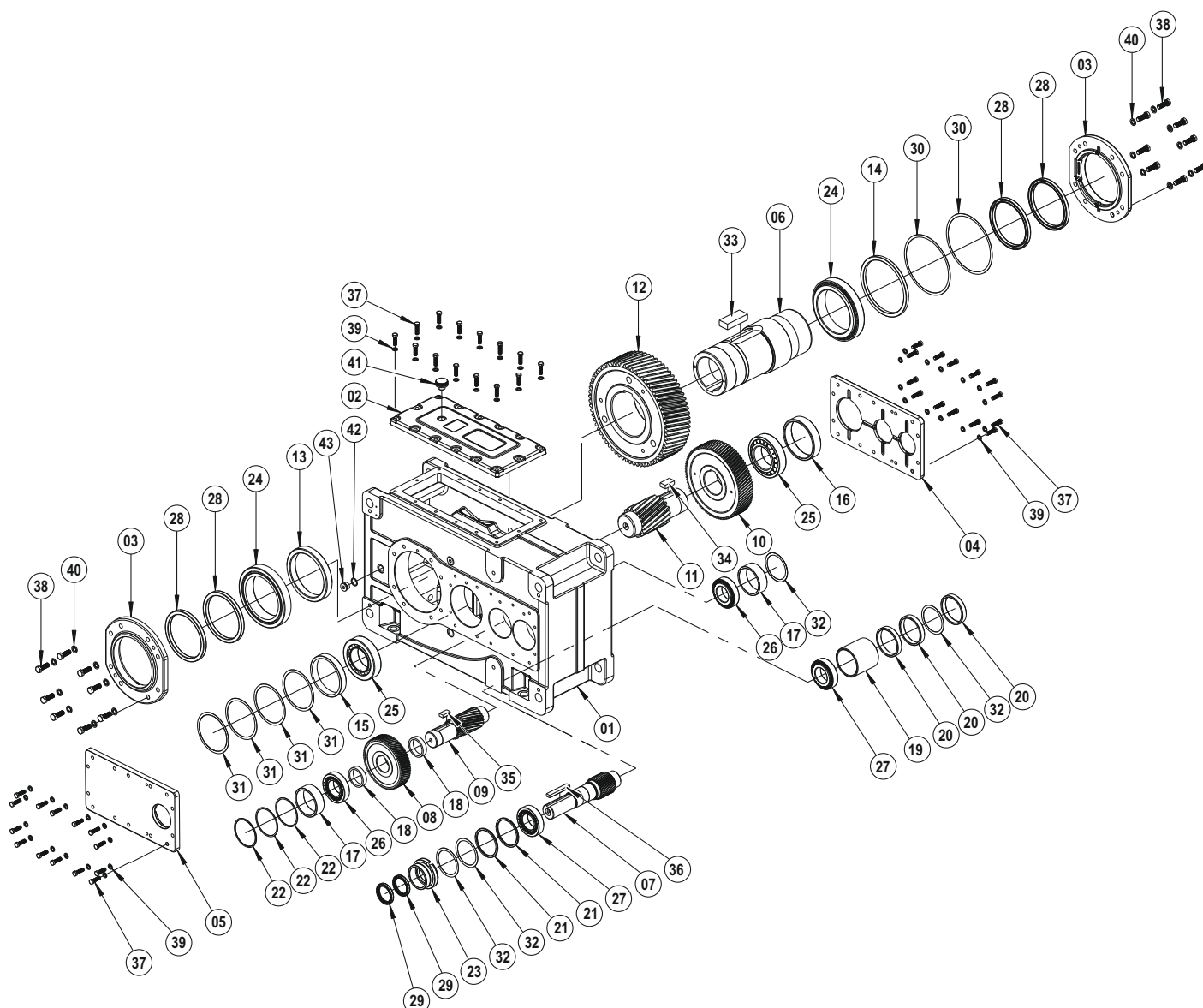


Handwriting practice lines consisting of 30 horizontal dotted lines.

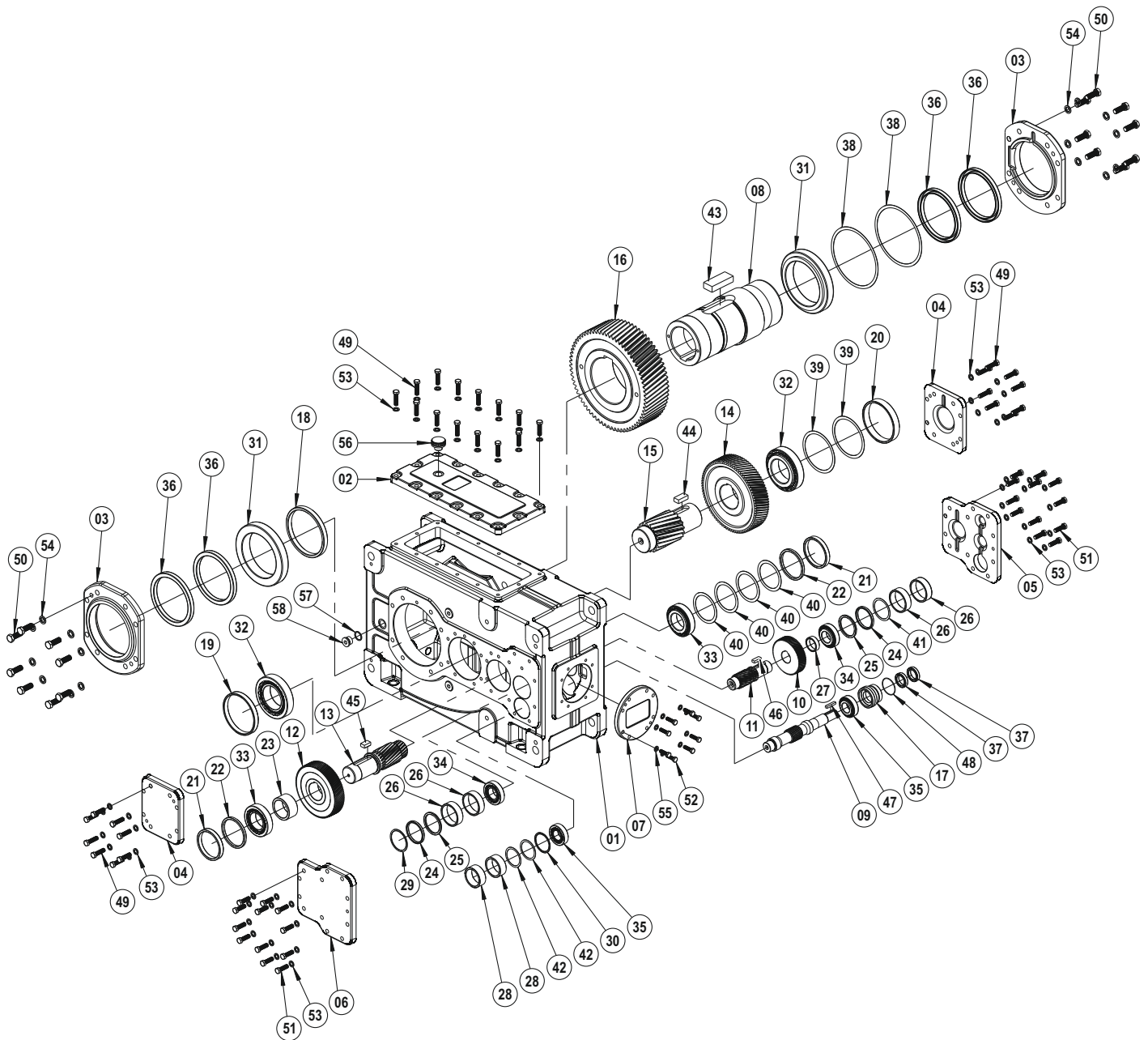


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|----|-------------------|----|--------------------|
| 01 | PH-PB Gear Case | 21 | Bearing |
| 02 | Cover | 22 | Bearing |
| 03 | Output Cover | 23 | Bearing |
| 04 | Z1 Cover | 24 | Oil Seal |
| 05 | Z1 Cover (Filled) | 25 | Oil Seal |
| 06 | Cover | 26 | Shim (DIN 988) |
| 07 | Hollow Shaft | 27 | Shim (DIN 988) |
| 08 | Driving Pinion | 28 | Shim (DIN 988) |
| 09 | Driving Gear | 29 | Key (DIN 6885) |
| 10 | Pinion Shaft | 30 | Key (DIN 6885) |
| 11 | Driven Gear | 31 | Key (DIN 6885) |
| 12 | Z1 Cover Bushing | 32 | O-Ring |
| 13 | Spacer | 33 | Bolt (DIN 933) |
| 14 | Spacer | 34 | Bolt (DIN 933) |
| 15 | Spacer | 35 | Washer (DIN 127) |
| 16 | Spacer | 36 | Washer (DIN 127) |
| 17 | Spacer | 37 | Vent Plug |
| 18 | Washer | 38 | Washer (DIN 7603) |
| 19 | Washer | 39 | Oil Plug (DIN 908) |
| 20 | Washer | | |

PH 3 STAGE



- | | | | |
|----|-------------------|----|--------------------|
| 01 | PH Gear Case | 23 | Z1 Cover Bushing |
| 02 | Cover | 24 | Bearing |
| 03 | Output Cover | 25 | Bearing |
| 04 | Z1 Cover (Filled) | 26 | Bearing |
| 05 | Z1 Cover | 27 | Bearing |
| 06 | Hollow Shaft | 28 | Oil Seal |
| 07 | Driving Pinion | 29 | Oil Seal |
| 08 | Driving Gear | 30 | Shim (DIN 988) |
| 09 | Pinion Shaft | 31 | Shim (DIN 988) |
| 10 | Driven Gear | 32 | Shim (DIN 988) |
| 11 | Pinion Shaft | 33 | Key (DIN 6885) |
| 12 | Driven Gear | 34 | Key (DIN 6885) |
| 13 | Spacer | 35 | Key (DIN 6885) |
| 14 | Spacer | 36 | Key (DIN 6885) |
| 15 | Spacer | 37 | Bolt (DIN 933) |
| 16 | Spacer | 38 | Bolt (DIN 933) |
| 17 | Spacer | 39 | Washer (DIN 127) |
| 18 | Spacer | 40 | Washer (DIN 127) |
| 19 | Spacer | 41 | Vent Plug |
| 20 | Spacer | 42 | Washer (DIN 7603) |
| 21 | Spacer | 43 | Oil Plug (DIN 908) |
| 22 | Washer | | |



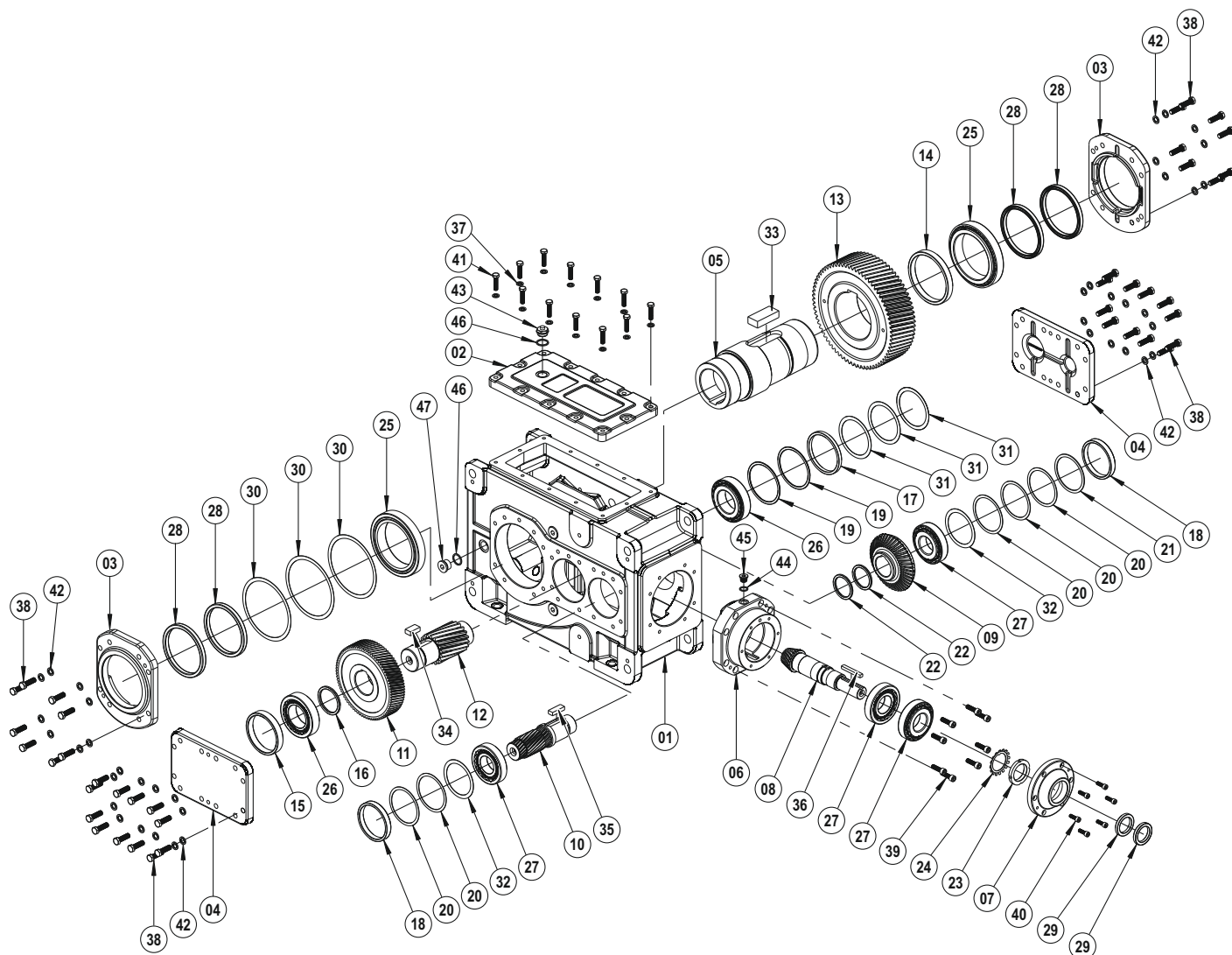
- 01 PH-PB Gear Case
- 02 Cover
- 03 Output Cover
- 04 Z6 Cover
- 05 Z1 Cover
- 06 Z1 Cover (Filled)
- 07 Cover
- 08 Hollow Shaft
- 09 Driving Pinion
- 10 Driving Gear
- 11 Pinion Shaft
- 12 Driven Gear
- 13 Pinion Shaft
- 14 Driven Gear
- 15 Pinion Shaft

- 16 Driven Gear
- 17 Z1 Cover Bushing
- 18 Spacer
- 19 Spacer
- 20 Spacer
- 21 Spacer
- 22 Spacer
- 23 Spacer
- 24 Spacer
- 25 Spacer
- 26 Spacer
- 27 Spacer
- 28 Spacer
- 29 Washer
- 30 Washer

- 31 Bearing
- 32 Bearing
- 33 Bearing
- 34 Bearing
- 35 Bearing
- 36 Oil Seal
- 37 Oil Seal
- 38 Shim (DIN 988)
- 39 Shim (DIN 988)
- 40 Shim (DIN 988)
- 41 Shim (DIN 988)
- 42 Shim (DIN 988)
- 43 Key (DIN 6885)
- 44 Key (DIN 6885)
- 45 Key (DIN 6885)

- 46 Key (DIN 6885)
- 47 Key (DIN 6885)
- 48 O-Ring
- 49 Bolt (DIN 933)
- 50 Bolt (DIN 933)
- 51 Bolt (DIN 933)
- 52 Bolt (DIN 933)
- 53 Washer (DIN 127)
- 54 Washer (DIN 127)
- 55 Washer (DIN 127)
- 56 Vent Plug
- 57 Washer (DIN 7603)
- 58 Oil Plug (DIN 908)

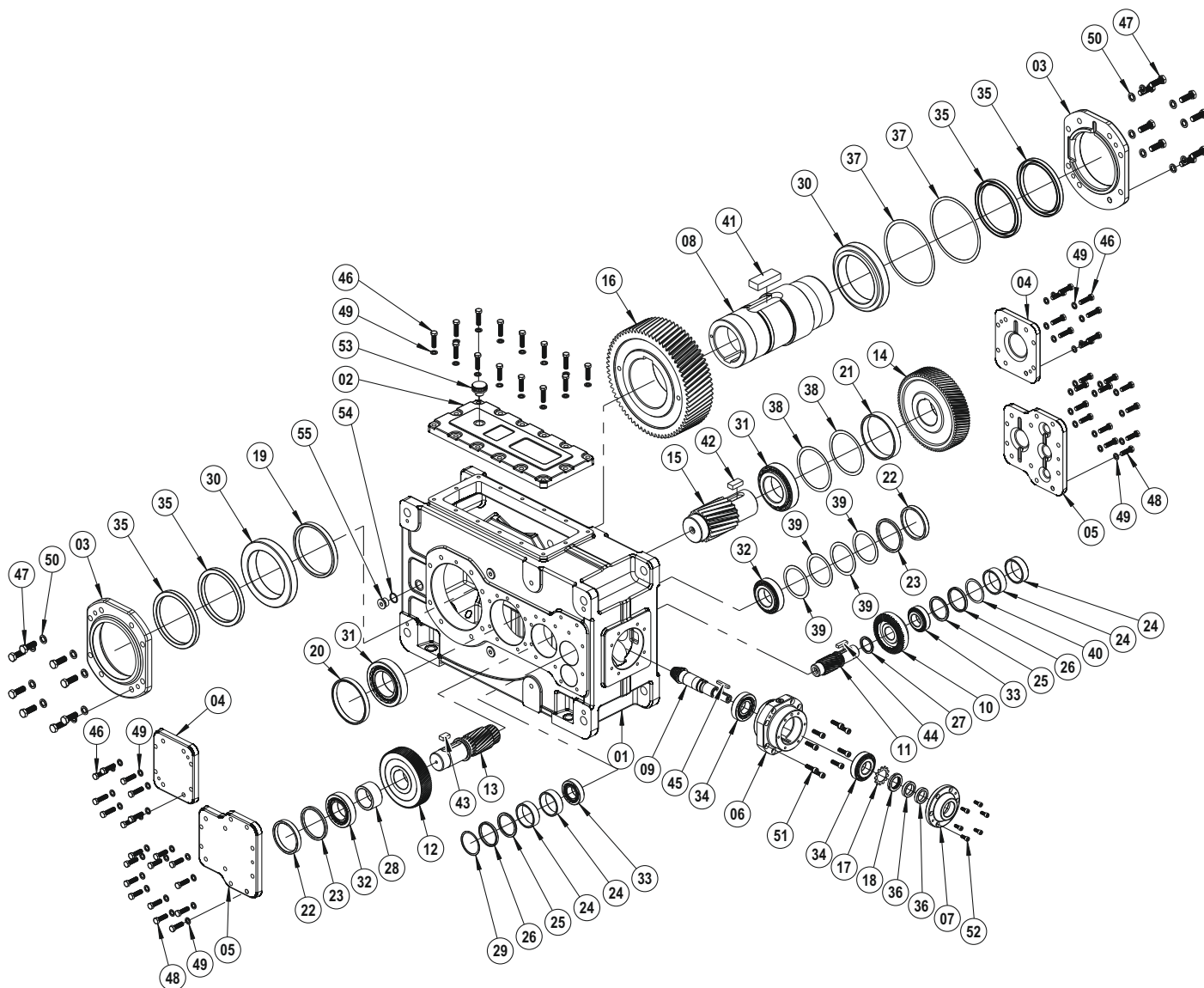
PB 3 STAGE



- 01 PH-PB Gear Case
- 02 Cover
- 03 Output Cover
- 04 Z1 Cover (Filled)
- 05 Hollow Shaft
- 06 W Gear Case
- 07 W Gear Case Cover
- 08 W Shaft (Driving Pinion)
- 09 Driving Gear
- 10 Pinion Shaft
- 11 Driven Gear
- 12 Pinion Shaft
- 13 Driven Gear
- 14 Spacer
- 15 Spacer
- 16 Spacer

- 17 Spacer
- 18 Spacer
- 19 Washer
- 20 Washer
- 21 Washer
- 22 Washer
- 23 Nut (DIN 981)
- 24 Washer (DIN 5406)
- 25 Bearing
- 26 Bearing
- 27 Bearing
- 28 Oil Seal
- 29 Oil Seal
- 30 Shim (DIN 988)
- 31 Shim (DIN 988)
- 32 Shim (DIN 988)

- 33 Key (DIN 6885)
- 34 Key (DIN 6885)
- 35 Key (DIN 6885)
- 36 Key (DIN 6885)
- 37 Bolt (DIN 333)
- 38 Bolt (DIN 333)
- 39 Bolt (DIN 912)
- 40 Bolt (DIN 912)
- 41 Washer (DIN 127)
- 42 Washer (DIN 127)
- 43 Vent Plug
- 44 Washer (DIN 7603)
- 45 Oil Plug (DIN 908)
- 46 Washer (DIN 7603)
- 47 Oil Plug (DIN 908)



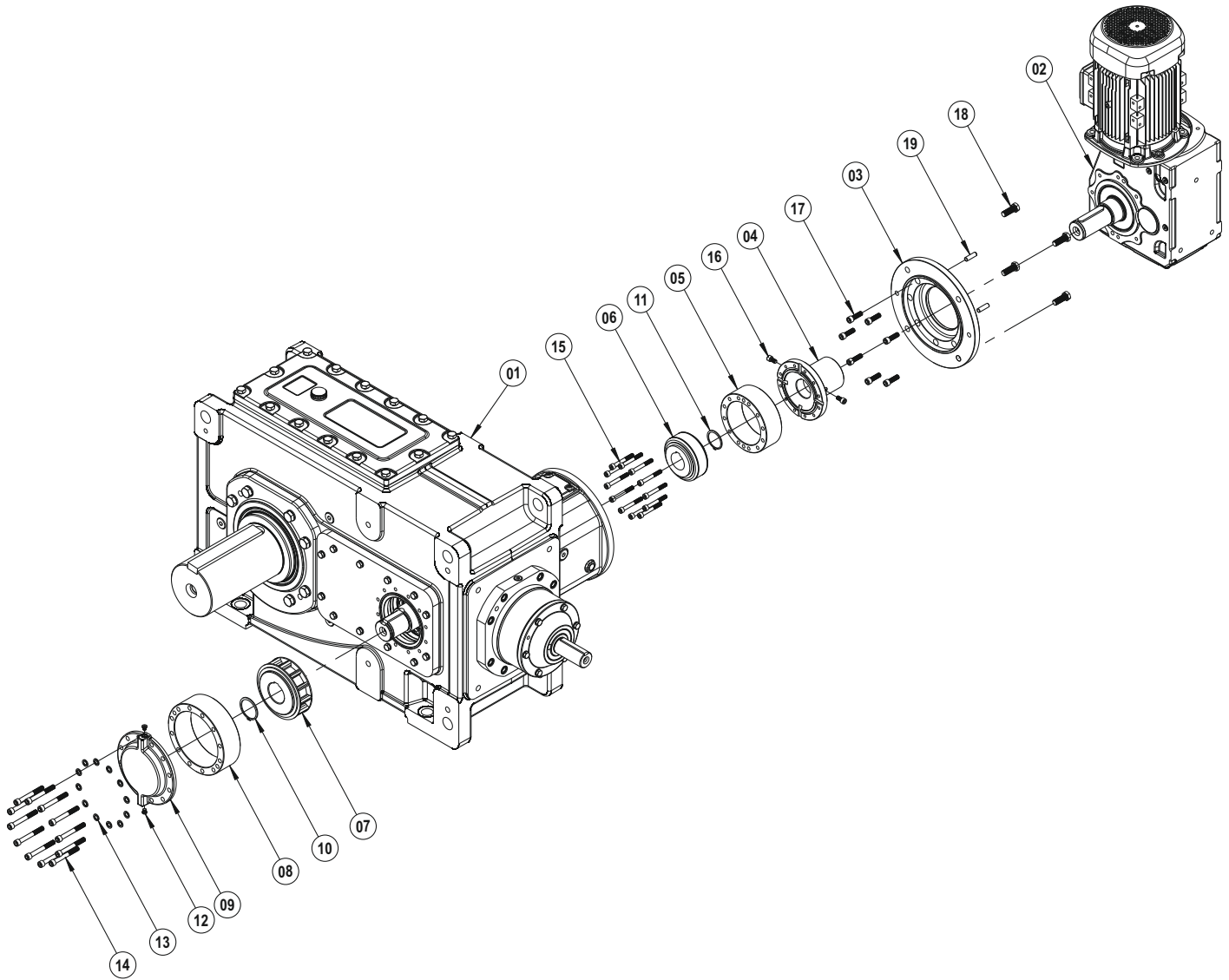
- 01 PH-PB Gear Case
- 02 Cover
- 03 Output Cover
- 04 Z6 Cover
- 05 Z1 Cover (Filled)
- 06 W Gear Case
- 07 W Gear Case Cover
- 08 Hollow Shaft
- 09 Driving Pinion
- 10 Driving Gear
- 11 Pinion Shaft
- 12 Driven Gear
- 13 Pinion Shaft
- 14 Driven Gear

- 15 Pinion Shaft
- 16 Driven Gear
- 17 Washer (DIN 5406)
- 18 Nut (DIN 981)
- 19 Spacer
- 20 Spacer
- 21 Space
- 22 Spacer
- 23 Spacer
- 24 Space
- 25 Spacer
- 26 Spacer
- 27 Space
- 28 Spacer

- 29 Washer
- 30 Bearing
- 31 Bearing
- 32 Bearing
- 33 Bearing
- 34 Bearing
- 35 Oil Seal
- 36 Oil Seal
- 37 Shim (DIN 988)
- 38 Shim (DIN 988)
- 39 Shim (DIN 988)
- 40 Shim (DIN 988)
- 41 Key (DIN 6885)
- 42 Key (DIN 6885)

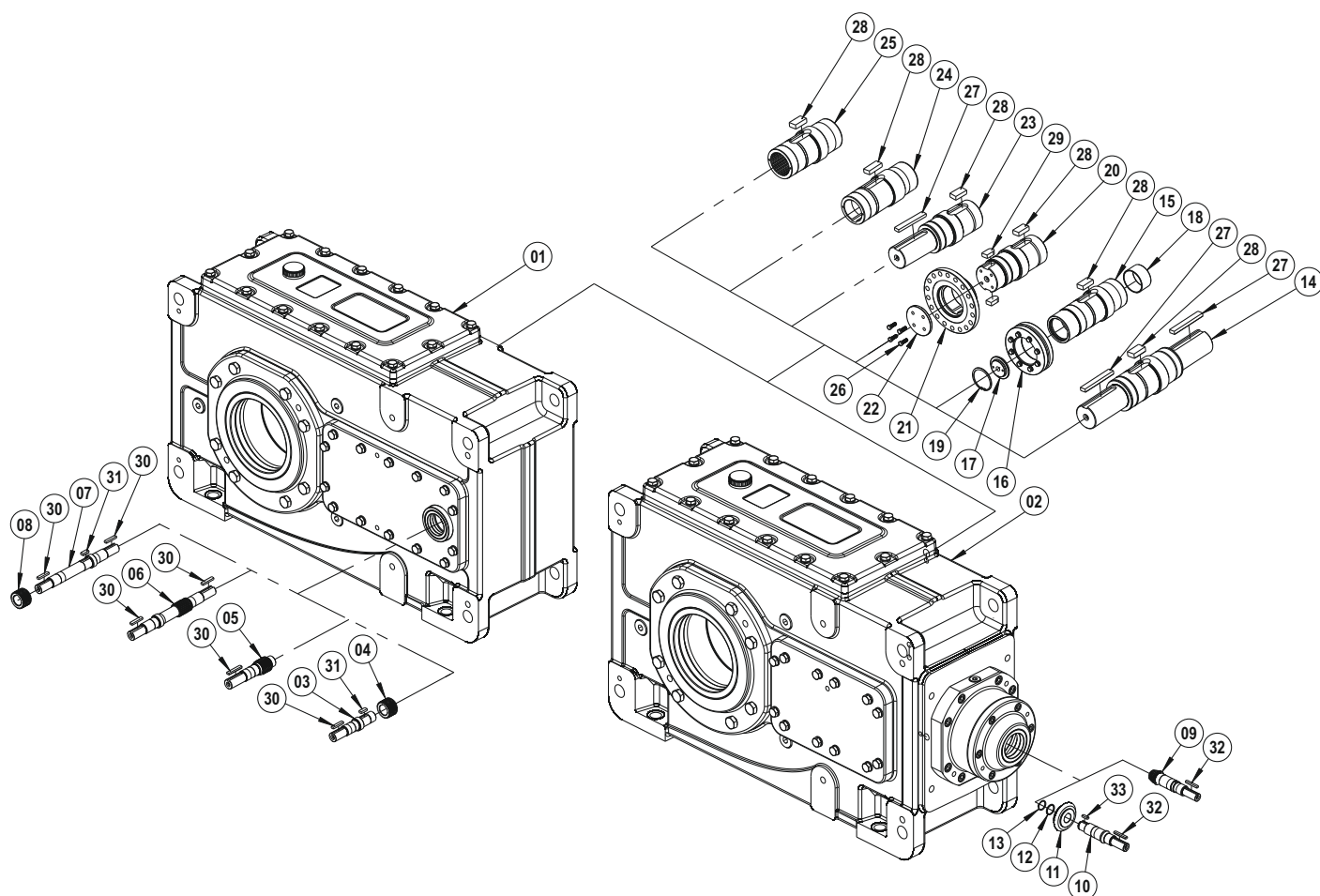
- 43 Key (DIN 6885)
- 44 Key (DIN 6885)
- 45 Key (DIN 6885)
- 46 Bolt (DIN 933)
- 47 Bolt (DIN 933)
- 48 Bolt (DIN 933)
- 49 Washer (DIN 127)
- 50 Washer (DIN 127)
- 51 Bolt (DIN 912)
- 52 Bolt (DIN 912)
- 53 Vent Plug
- 54 Washer (DIN 7603)
- 55 Oil Plug (DIN 908)

BUCKET ELEVATOR PB



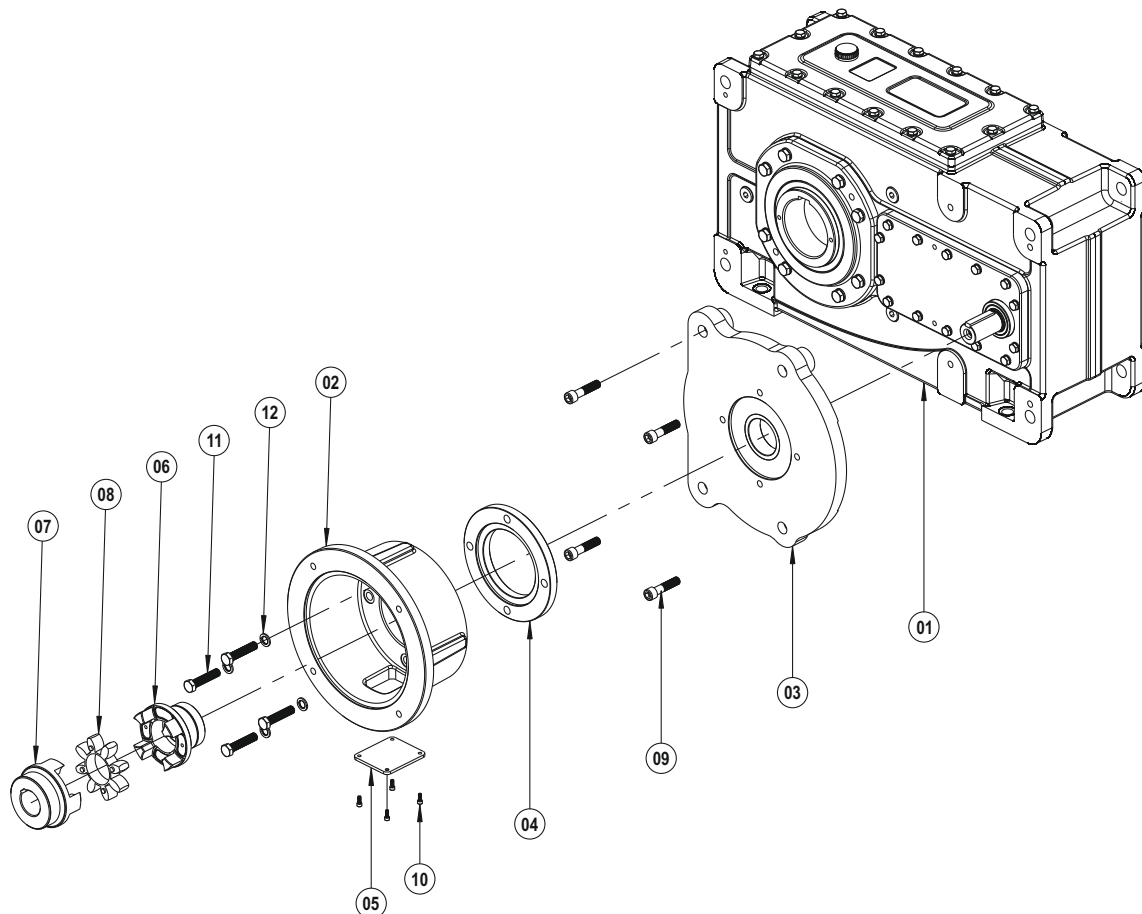
- 01 PH Kit
- 02 PKD Kit
- 03 Intermediate Flange
- 04 Backstop Connection Flange
- 05 Backstop Inner Cage
- 06 Backstop
- 07 Backstop
- 08 Backstop Inner Cage
- 09 Backstop Cover
- 10 Circlip (DIN 471)
- 11 Circlip (DIN 471)
- 12 Oil Plug (DIN 908)
- 13 Washer (DIN 127)
- 14 Bolt (DIN 912)
- 15 Bolt (DIN 912)
- 16 Bolt (DIN 912)
- 17 Bolt (DIN 912)
- 18 Bolt (DIN 933)
- 19 Pin

PH-PB INPUT OUTPUT OPTIONS

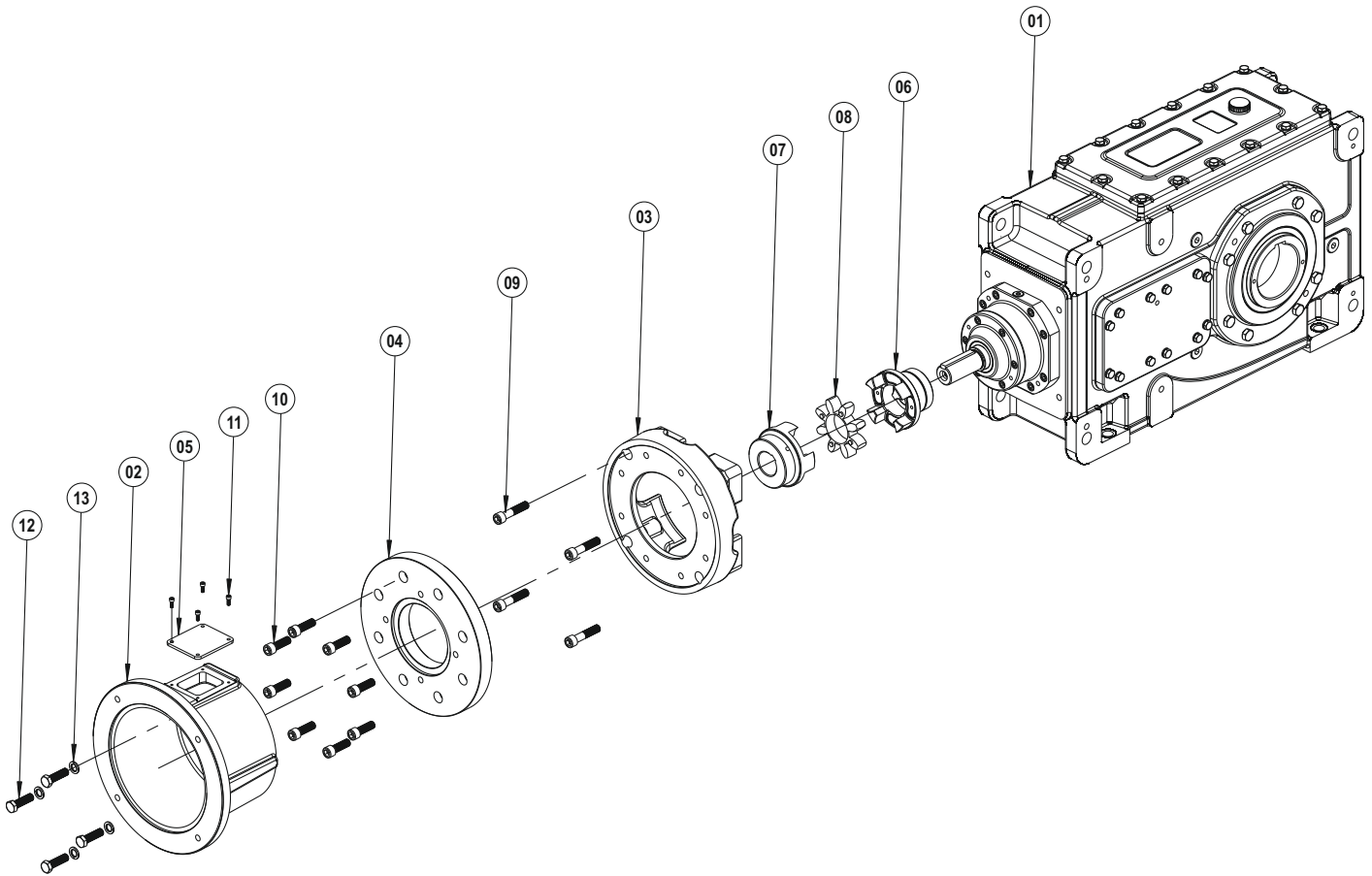


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|--------------------------------------|----------------------------|
| 01 PH Kit | 18 Shrink Disk Bushing |
| 02 PB Kit | 19 Circlip (DIN 472) |
| 03 PH Single Input Shaft (With Key) | 20 Flanged Output Shaft |
| 04 PH Driving Pinion (With Key) | 21 B5 Output Flange |
| 05 PH Single Input Shaft (With Gear) | 22 Puller Washer |
| 06 PH Double Input Shaft (With Gear) | 23 Output Solid Shaft |
| 07 PH Double Input Shaft (With Key) | 24 Hollow Shaft |
| 08 PH Driving Pinion (With Key) | 25 Hollow Shaft (DIN 5480) |
| 09 PB Input Shaft (With Gear) | 26 Bolt (DIN 933) |
| 10 PB Input Shaft (With Key) | 27 Key B (DIN 6885) |
| 11 PB Driving Pinion (With Key) | 28 Key B (DIN 6885) |
| 12 Washer | 29 Key A-B (DIN 6885) |
| 13 Circlip (DIN 471) | 30 Key B (DIN 6885) |
| 14 Output Solid Shaft | 31 Key B (DIN 6885) |
| 15 Shrink Disk Hollow Shaft | 32 Key B (DIN 6885) |
| 16 Shrink Disk | 33 Key B (DIN 6885) |
| 17 Puller Washer | |

PH IEC



- 01 PH Kit
- 02 IEC Gear Case
- 03 IEC Connection Plate
- 04 IEC Flange
- 05 IEC Gear Case Cover
- 06 Coupling (Gearbox Side)
- 07 Coupling (Motor Side)
- 08 Spider
- 09 Bolt (DIN 912)
- 10 Bolt (DIN 912)
- 11 Bolt (DIN 933)
- 12 Washer (DIN 127)



- 01 PB Kit
- 02 IEC Gear Case
- 03 IEC Connection Plate
- 04 IEC Flange
- 05 IEC Gear Case Cover
- 06 Coupling (Gearbox Side)
- 07 Coupling (Motor Side)
- 08 Spider
- 09 Bolt (DIN 912)
- 10 Bolt (DIN 912)
- 11 Bolt (DIN 912)
- 12 Bolt (DIN 933)
- 13 Washer (DIN 127)



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