



## Split plummer block housings LOE

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## Product overview   Split plummer block housings LOE

### Plummer block housings

#### Split

Closed on one side, with cover

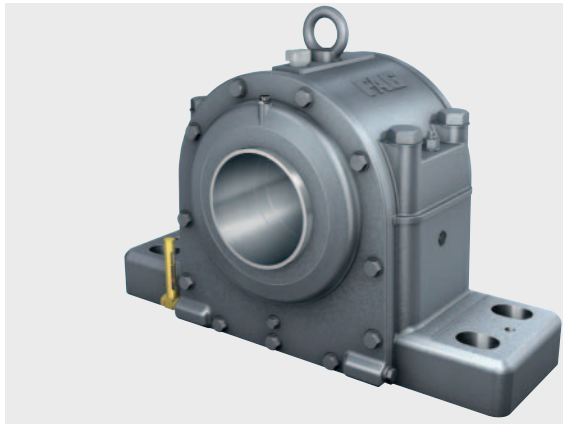
LOE...-AF, LOE...-AL



0001ACE0

For continuous shaft

LOE...-BF, LOE...-BL



0001ACE1

# Split plummer block housings LOE

**Features** Split plummer block housings LOE are designed for oil lubrication. They are suitable for high speed bearing arrangements, for example in fans.



**Suitable bearings** The dimensions of split plummer block housings LOE are matched to spherical roller bearings 222 and 223, see table. The housings LOE2 and LOE3 are intended for bearings with a cylindrical bore, while the housings LOE5 and LOE6 are intended for bearings with a tapered bore and adapter sleeve. The range of shaft diameters is between 50 mm and 240 mm.



**Bearing type and sizes**

| Bearing type                           | Size                   |
|----------------------------------------|------------------------|
| <b>Spherical roller bearings</b>       | 22217..-K to 22248..-K |
| ■ with tapered bore and adapter sleeve | 22314..-K to 22336..-K |
| ■ with cylindrical bore                | 22214 to 22248         |
|                                        | 22310 to 22336         |



**Housing materials and anti-corrosion protection** The standard material for the housing bodies is flake graphite cast iron (suffix L). By agreement, housing bodies made from spheroidal graphite cast iron (suffix D) or cast steel (suffix S) are available.

All outer surfaces not machined by chip-forming methods have a universal paint coating (colour RAL 7031, bluish-grey). The coating can be finished using all synthetic resin, polyurethane, acrylic, epoxy resin, chlorinated rubber, nitrocellulose and acid-hardening hammer tone finishes.

Inner and outer surfaces machined by chip-forming methods are provided with anti-corrosion protection that can be easily removed. It is recommended that only volatile solvents and lint-free cloths should be used.

**Locating and non-locating bearings** The housings are supplied as a locating bearing design or non-locating bearing design. In the locating bearing, the bearing is clamped between the housing covers. In the non-locating bearing, the bearing can align itself axially, since the covers have shorter centring collars.

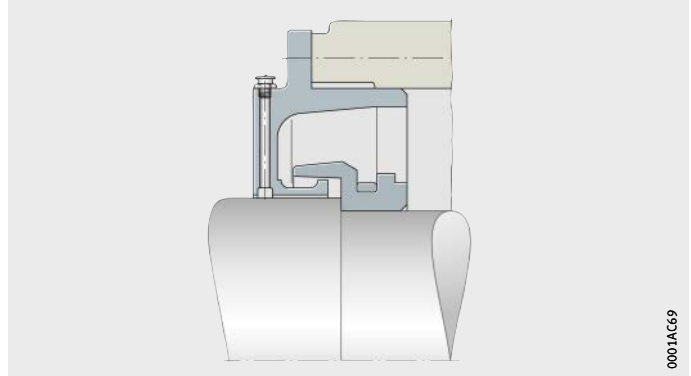
# Split plummer block housings LOE

## Seals and covers

Plummer block housings LOE of design A are intended for the bearing arrangements of shaft ends. One side is closed by a cover and the other side is sealed against the shaft. Design B is intended for continuous shafts, in which case the housing is sealed against the shaft on both sides.

A labyrinth seal is used in this case, *Figure 1*. The labyrinth rings are unsplit. The grease chamber in the labyrinth can be relubricated.

The labyrinth seal allows shaft misalignment of up to 0,25° in both directions and is suitable for oil lubrication.



*Figure 1*  
Labyrinth seal  
for plummer block housing LOE

## Housing configurations

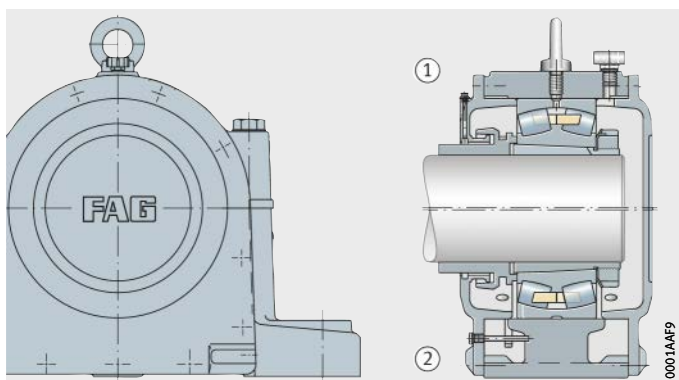
In the case of plummer block housings LOE, various housing configurations are possible that are clearly described by means of the designation, *Figure 2* to *Figure 5*, page 251.

The following features can be varied in the housing configuration:

- location of bearings with a tapered bore by means of an adapter sleeve on a shaft of constant diameter or of bearings with a cylindrical bore directly on a stepped shaft
- continuous shaft or a housing closed on one side
- design of the bearing arrangement as a locating bearing arrangement or a non-locating bearing arrangement
- design with or without cooling coil, *Figure 6*, page 252.

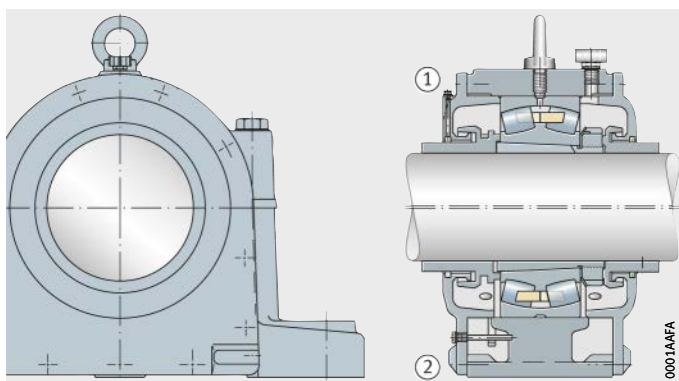
- ① Locating bearing LOE...N-AF
- ② Non-locating bearing LOE...N-AL

*Figure 2*  
Plummer block housings  
LOE5, LOE6 for bearings  
with tapered bore  
and adapter sleeve,  
design A



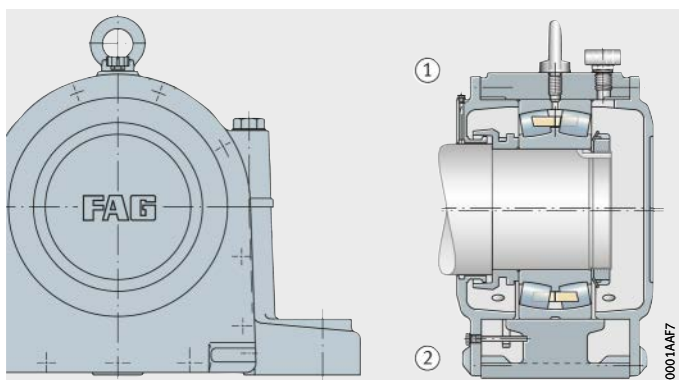
- ① Locating bearing LOE...N-BF
- ② Non-locating bearing LOE...N-BL

*Figure 3*  
Plummer block housings  
LOE5, LOE6 for bearings  
with tapered bore  
and adapter sleeve,  
design B



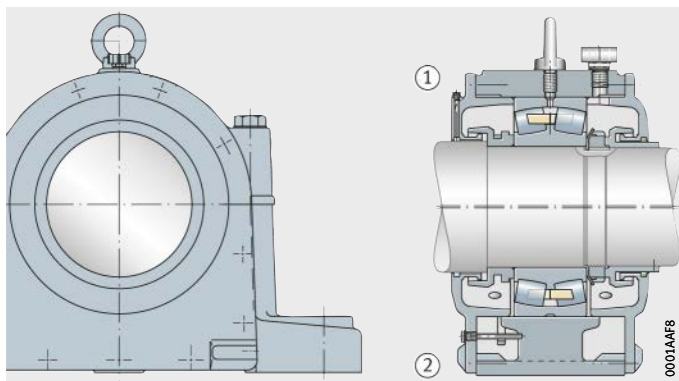
- ① Locating bearing LOE...N-AF
- ② Non-locating bearing LOE...N-AL

*Figure 4*  
Plummer block housings  
LOE2, LOE3 for bearings  
with cylindrical bore,  
design A



- ① Locating bearing LOE...N-BF
- ② Non-locating bearing LOE...N-BL

*Figure 5*  
Plummer block housings  
LOE2, LOE3 for bearings  
with cylindrical bore,  
design B



# Split plummer block housings LOE

## Lubrication

Split plummer block housings LOE are designed for oil lubrication. They are suitable for high speed bearing arrangements. The oil gives good heat dissipation from the bearing.

## Oil bath lubrication

Oil lubrication is used as the lubrication method for the housings. The oil is supplied to the rolling bearing from the oil sump in the lower housing section by a ring oiler. An angled oil level indicator is screwed to one cover.

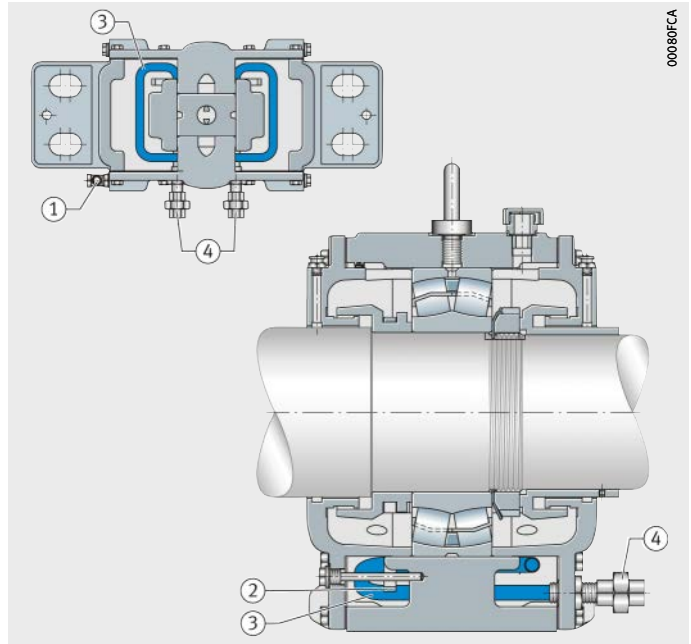
If cooling of the oil is necessary, the housings can be ordered in a design with a cooling coil (suffix E), *Figure 6*. The cooling coil is located in the area of the oil sump in the lower housing section and can be connected to an external cooling circuit.

- ① Angled oil level indicator
- ② Ring oiler
- ③ Cooling coil
- ④ Connectors for external cooling circuit

*Figure 6*  
Plummer block housing LOE..-E  
with cooling coil

## Recirculating oil lubrication

By agreement, a housing design for recirculating oil lubrication can be ordered using the designation F-582158.LOU. Please ask for further information.



## Designation structure

The designation structure for split plummer block housings LOE is shown in the table and *Figure 7*.

### Designation structure of plummer block housings LOE

| Feature                                    | Code | Description                                                            |
|--------------------------------------------|------|------------------------------------------------------------------------|
| ① Series                                   | LOE  | Split plummer block housings LOE                                       |
| ② Diameter series of bearing, bearing bore | 2    | Bearings of diameter series 2, cylindrical bearing bore                |
|                                            | 3    | Bearings of diameter series 3, cylindrical bearing bore                |
|                                            | 5    | Bearings of diameter series 2, tapered bearing bore and adapter sleeve |
|                                            | 6    | Bearings of diameter series 3, tapered bearing bore and adapter sleeve |
| ③ Bore code of bearing                     | 38   | Bore diameter $(38 \cdot 5) \text{ mm} = 190 \text{ mm}$               |
| ④ Oil lubrication                          | N    | Standard design                                                        |
|                                            | E    | Design with cooling coil                                               |
| ⑤ Housing design                           | AF   | Closed on one side, locating bearing                                   |
|                                            | AL   | Closed on one side, non-locating bearing                               |
|                                            | BF   | Continuous shaft, locating bearing                                     |
|                                            | BL   | Continuous shaft, non-locating bearing                                 |
| ⑥ Housing material                         | L    | Flake graphite cast iron (standard)                                    |
|                                            | D    | Spheroidal graphite cast iron                                          |
|                                            | S    | Cast steel                                                             |



*Figure 7*  
Designation structure of plummer block housings LOE, example





# Split plummer block housings LOE

## Ordering examples

When ordering a split plummer block housing LOE, the designation contains indications of the size and location method of the bearing, the type of oil cooling and the design and material of the housing. The rolling bearing and, if necessary, the adapter sleeve or locknut must be ordered separately.

The ordering examples show the construction of orders for selected housing combinations and the appropriate bearings. The allocation of housings, bearings and accessories for all housing sizes is shown in the dimension tables.

**Example 1** Plummer block housing LOE made from flake graphite cast iron, for continuous shaft, spherical roller bearing 22238-K-MB as locating bearing, location using adapter sleeve. Housing for oil cooling of standard design.

|       |                            |               |
|-------|----------------------------|---------------|
| Order | 1 plummer block housing    | LOE538-N-BF-L |
|       | 1 spherical roller bearing | 22238-K-MB    |
|       | 1 adapter sleeve           | H3138-HG      |

**Example 2** Plummer block housing LOE made from flake graphite cast iron, for continuous shaft, spherical roller bearing 22238-MB as locating bearing, location using locknut. Housing for oil cooling of standard design.

|       |                            |               |
|-------|----------------------------|---------------|
| Order | 1 plummer block housing    | LOE238-N-BF-L |
|       | 1 spherical roller bearing | 22238-MB      |
|       | 1 locknut                  | KM38          |
|       | 1 tab washer               | MB38          |

## Design and safety guidelines

### Eye bolts

The upper housing section has an eye bolt in accordance with DIN 580. This is intended as a locating point for mounting and dismantling of the housing. The load carrying capacity of the eye bolt allows lifting of the housing including a bearing fitted in the housing.



The eye bolt must always be screwed fully into the housing.  
The eye bolt must not be subjected to a mass greater than that of the housing together with the bearing fitted in the housing.

### Foot screws

Foot screws are used for screw mounting of the housing to the locating surface. They are not included in the scope of delivery of the housings.

The appropriate screw size for each housing is stated, see dimension tables.

The associated tightening torques are stated for screws with a metric thread in accordance with DIN 13, DIN 962 and DIN ISO 965-2, see table, page 42.

### Accuracy

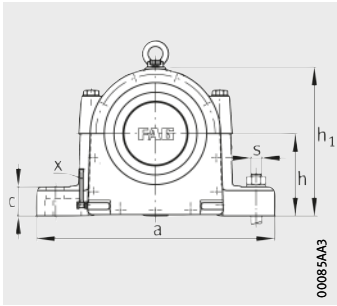
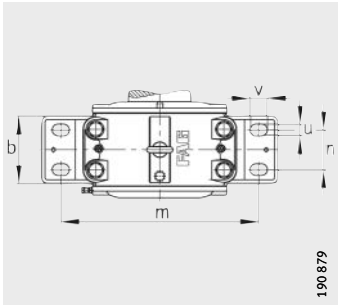
The bearing seat in split plummer block housings LOE is machined to the tolerance class G6.

By agreement, the housings can also be supplied with other tolerance classes for the bearing seat, see section Tolerance class of bearing seat, page 47.



# Plummer block housings

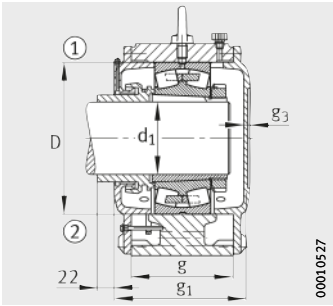
LOE, split  
For spherical roller bearings with tapered bore and adapter sleeve



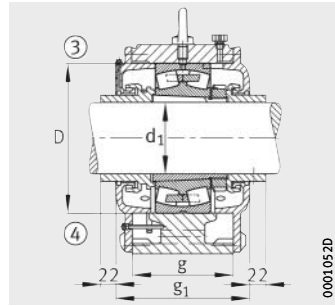
Dimension table - Dimensions in mm

| Shaft<br><br>d <sub>1</sub> | Housing<br>Dimensions |                |     |                |     |    |     |     |     |    |    |     |     |                |
|-----------------------------|-----------------------|----------------|-----|----------------|-----|----|-----|-----|-----|----|----|-----|-----|----------------|
|                             | h                     | h <sub>1</sub> | g   | g <sub>1</sub> | b   | c  | a   | m   | n   | v  | u  | s   | D   | g <sub>3</sub> |
| 60                          | 135                   | 240            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 150 | 18             |
| 60                          | 135                   | 240            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 150 | –              |
| 70                          | 150                   | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 170 | 18             |
| 70                          | 150                   | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 170 | –              |
| 75                          | 135                   | 240            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 150 | 18             |
| 75                          | 135                   | 240            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 150 | –              |
| 80                          | 135                   | 245            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 160 | 17,5           |
| 80                          | 135                   | 245            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 160 | –              |
| 80                          | 175                   | 305            | 175 | 250            | 165 | 55 | 500 | 420 | 80  | 45 | 30 | M24 | 190 | 18             |
| 80                          | 175                   | 305            | 175 | 250            | 165 | 55 | 500 | 420 | 80  | 45 | 30 | M24 | 190 | –              |
| 85                          | 150                   | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 170 | 18             |
| 85                          | 150                   | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 170 | –              |
| 90                          | 150                   | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 180 | 20             |
| 90                          | 150                   | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 180 | –              |
| 90                          | 175                   | 320            | 175 | 250            | 165 | 55 | 550 | 440 | 80  | 50 | 36 | M30 | 215 | 18             |
| 90                          | 175                   | 320            | 175 | 250            | 165 | 55 | 550 | 440 | 80  | 50 | 36 | M30 | 215 | –              |
| 100                         | 165                   | 300            | 175 | 250            | 165 | 50 | 510 | 420 | 80  | 45 | 30 | M24 | 200 | 18             |
| 100                         | 165                   | 300            | 175 | 250            | 165 | 50 | 510 | 420 | 80  | 45 | 30 | M24 | 200 | –              |
| 100                         | 180                   | 335            | 190 | 270            | 180 | 65 | 570 | 460 | 95  | 50 | 36 | M30 | 240 | 20             |
| 100                         | 180                   | 335            | 190 | 270            | 180 | 65 | 570 | 460 | 95  | 50 | 36 | M30 | 240 | –              |
| 110                         | 175                   | 320            | 175 | 250            | 165 | 55 | 550 | 440 | 80  | 50 | 36 | M30 | 215 | 18             |
| 110                         | 175                   | 320            | 175 | 250            | 165 | 55 | 550 | 440 | 80  | 50 | 36 | M30 | 215 | –              |
| 110                         | 220                   | 390            | 210 | 300            | 200 | 75 | 660 | 530 | 110 | 60 | 42 | M36 | 260 | 18             |
| 110                         | 220                   | 390            | 210 | 300            | 200 | 75 | 660 | 530 | 110 | 60 | 42 | M36 | 260 | –              |
| 115                         | 190                   | 345            | 185 | 260            | 175 | 65 | 570 | 460 | 90  | 50 | 36 | M30 | 230 | 18             |
| 115                         | 190                   | 345            | 185 | 260            | 175 | 65 | 570 | 460 | 90  | 50 | 36 | M30 | 230 | –              |
| 115                         | 235                   | 420            | 220 | 315            | 200 | 80 | 660 | 530 | 110 | 60 | 42 | M36 | 280 | 18             |
| 115                         | 235                   | 420            | 220 | 315            | 200 | 80 | 660 | 530 | 110 | 60 | 42 | M36 | 280 | –              |

① Locating bearing AF; ② Non-locating bearing AL; ③ Locating bearing BF; ④ Non-locating bearing BL



Design A



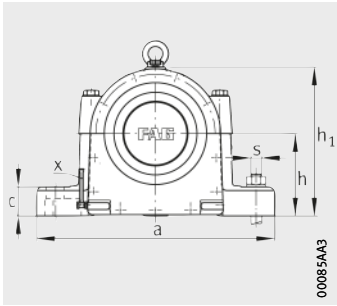
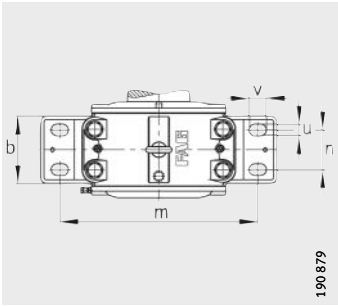
Design B



| Spherical roller bearing and accessories |                | Oil quantity<br>Initial filling<br>l | Oil level<br>Height<br>x<br>mm | Housing           |                  |                      |
|------------------------------------------|----------------|--------------------------------------|--------------------------------|-------------------|------------------|----------------------|
| Bearing                                  | Adapter sleeve |                                      |                                | Mass<br>m<br>≈ kg | Designation      |                      |
|                                          |                |                                      |                                |                   | Locating bearing | Non-locating bearing |
| 22314..-K                                | H2314          | 1,4                                  | 50 – 65                        | 45                | LOE614-N-AF-L    | LOE614-N-AL-L        |
| 22314..-K                                | H2314          | 1,4                                  | 50 – 65                        | 45                | LOE614-N-BF-L    | LOE614-N-BL-L        |
| 22316..-K                                | H2316          | 1,6                                  | 55 – 70                        | 60                | LOE616-N-AF-L    | LOE616-N-AL-L        |
| 22316..-K                                | H2316          | 1,6                                  | 55 – 70                        | 60                | LOE616-N-BF-L    | LOE616-N-BL-L        |
| 22217..-K                                | H317           | 1,4                                  | 50 – 65                        | 45                | LOE517-N-AF-L    | LOE517-N-AL-L        |
| 22217..-K                                | H317           | 1,4                                  | 50 – 65                        | 45                | LOE517-N-BF-L    | LOE517-N-BL-L        |
| 22218..-K                                | H318           | 1,5                                  | 45 – 60                        | 47                | LOE518-N-AF-L    | LOE518-N-AL-L        |
| 22218..-K                                | H318           | 1,5                                  | 45 – 60                        | 47                | LOE518-N-BF-L    | LOE518-N-BL-L        |
| 22318..-K                                | H2318          | 2,3                                  | 65 – 85                        | 73                | LOE618-N-AF-L    | LOE618-N-AL-L        |
| 22318..-K                                | H2318          | 2,3                                  | 65 – 85                        | 73                | LOE618-N-BF-L    | LOE618-N-BL-L        |
| 22219..-K                                | H319           | 1,6                                  | 55 – 70                        | 60                | LOE519-N-AF-L    | LOE519-N-AL-L        |
| 22219..-K                                | H319           | 1,6                                  | 55 – 70                        | 60                | LOE519-N-BF-L    | LOE519-N-BL-L        |
| 22220..-K                                | H320           | 1,7                                  | 50 – 65                        | 67                | LOE520-N-AF-L    | LOE520-N-AL-L        |
| 22220..-K                                | H320           | 1,7                                  | 50 – 65                        | 67                | LOE520-N-BF-L    | LOE520-N-BL-L        |
| 22320..-K                                | H2320          | 2,4                                  | 55 – 75                        | 81                | LOE620-N-AF-L    | LOE620-N-AL-L        |
| 22320..-K                                | H2320          | 2,4                                  | 55 – 75                        | 81                | LOE620-N-BF-L    | LOE620-N-BL-L        |
| 22222..-K                                | H322           | 2,1                                  | 50 – 70                        | 74                | LOE522-N-AF-L    | LOE522-N-AL-L        |
| 22222..-K                                | H322           | 2,1                                  | 50 – 70                        | 74                | LOE522-N-BF-L    | LOE522-N-BL-L        |
| 22322..-K                                | H2322          | 2,4                                  | 45 – 65                        | 100               | LOE622-N-AF-L    | LOE622-N-AL-L        |
| 22322..-K                                | H2322          | 2,4                                  | 45 – 65                        | 100               | LOE622-N-BF-L    | LOE622-N-BL-L        |
| 22224..-K                                | H3124          | 2,3                                  | 50 – 70                        | 80                | LOE524-N-AF-L    | LOE524-N-AL-L        |
| 22224..-K                                | H3124          | 2,3                                  | 50 – 70                        | 80                | LOE524-N-BF-L    | LOE524-N-BL-L        |
| 22324..-K                                | H2324          | 4,2                                  | 65 – 90                        | 130               | LOE624-N-AF-L    | LOE624-N-AL-L        |
| 22324..-K                                | H2324          | 4,2                                  | 65 – 90                        | 130               | LOE624-N-BF-L    | LOE624-N-BL-L        |
| 22226..-K                                | H3126          | 2,3                                  | 55 – 75                        | 93                | LOE526-N-AF-L    | LOE526-N-AL-L        |
| 22226..-K                                | H3126          | 2,3                                  | 55 – 75                        | 93                | LOE526-N-BF-L    | LOE526-N-BL-L        |
| 22326..-K                                | H2326          | 3,7                                  | 75 – 105                       | 142               | LOE626-N-AF-L    | LOE626-N-AL-L        |
| 22326..-K                                | H2326          | 3,7                                  | 75 – 105                       | 142               | LOE626-N-BF-L    | LOE626-N-BL-L        |

# Plummer block housings

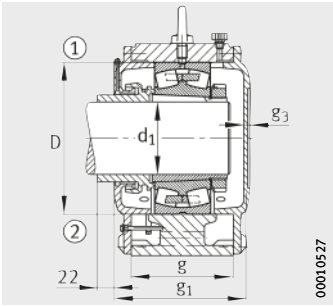
LOE, split  
For spherical roller bearings with tapered bore and adapter sleeve



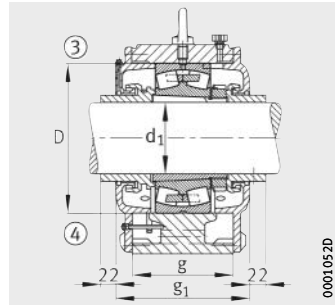
Dimension table (continued) · Dimensions in mm

| Shaft<br><br>d <sub>1</sub> | Housing<br>Dimensions |                |     |                |     |     |     |     |     |    |    |     |     |                |
|-----------------------------|-----------------------|----------------|-----|----------------|-----|-----|-----|-----|-----|----|----|-----|-----|----------------|
|                             | h                     | h <sub>1</sub> | g   | g <sub>1</sub> | b   | c   | a   | m   | n   | v  | u  | s   | D   | g <sub>3</sub> |
| 125                         | 190                   | 355            | 180 | 260            | 175 | 65  | 570 | 460 | 100 | 50 | 36 | M30 | 250 | 18             |
| 125                         | 190                   | 355            | 180 | 260            | 175 | 65  | 570 | 460 | 100 | 50 | 36 | M30 | 250 | –              |
| 125                         | 260                   | 450            | 230 | 325            | 220 | 85  | 710 | 580 | 125 | 60 | 42 | M36 | 300 | 19,5           |
| 125                         | 260                   | 450            | 230 | 325            | 220 | 85  | 710 | 580 | 125 | 60 | 42 | M36 | 300 | –              |
| 135                         | 220                   | 395            | 200 | 275            | 190 | 70  | 660 | 530 | 100 | 60 | 42 | M36 | 270 | 18             |
| 135                         | 220                   | 395            | 200 | 275            | 190 | 70  | 660 | 530 | 100 | 60 | 42 | M36 | 270 | –              |
| 135                         | 265                   | 465            | 240 | 335            | 200 | 85  | 760 | 630 | 125 | 60 | 42 | M36 | 320 | 18             |
| 135                         | 265                   | 465            | 240 | 335            | 200 | 85  | 760 | 630 | 125 | 60 | 42 | M36 | 320 | –              |
| 140                         | 220                   | 400            | 210 | 290            | 200 | 70  | 660 | 530 | 110 | 60 | 42 | M36 | 290 | 20             |
| 140                         | 220                   | 400            | 210 | 290            | 200 | 70  | 660 | 530 | 110 | 60 | 42 | M36 | 290 | –              |
| 140                         | 270                   | 485            | 250 | 350            | 240 | 90  | 820 | 670 | 130 | 70 | 48 | M42 | 340 | 20             |
| 140                         | 270                   | 485            | 250 | 350            | 240 | 90  | 820 | 670 | 130 | 70 | 48 | M42 | 340 | –              |
| 150                         | 260                   | 460            | 210 | 300            | 200 | 85  | 710 | 580 | 110 | 60 | 42 | M36 | 310 | 18             |
| 150                         | 260                   | 460            | 210 | 300            | 200 | 85  | 710 | 580 | 110 | 60 | 42 | M36 | 310 | –              |
| 150                         | 280                   | 510            | 255 | 350            | 240 | 90  | 830 | 670 | 130 | 70 | 48 | M42 | 360 | 18             |
| 150                         | 280                   | 510            | 255 | 350            | 240 | 90  | 830 | 670 | 130 | 70 | 48 | M42 | 360 | –              |
| 160                         | 260                   | 465            | 210 | 300            | 200 | 85  | 710 | 580 | 110 | 60 | 42 | M36 | 320 | 20             |
| 160                         | 260                   | 465            | 210 | 300            | 200 | 85  | 710 | 580 | 110 | 60 | 42 | M36 | 320 | –              |
| 160                         | 290                   | 530            | 260 | 360            | 240 | 90  | 840 | 680 | 130 | 70 | 48 | M42 | 380 | 20             |
| 160                         | 290                   | 530            | 260 | 360            | 240 | 90  | 840 | 680 | 130 | 70 | 48 | M42 | 380 | –              |
| 170                         | 270                   | 485            | 250 | 350            | 240 | 90  | 820 | 670 | 130 | 70 | 48 | M42 | 340 | 20             |
| 170                         | 270                   | 485            | 250 | 350            | 240 | 90  | 820 | 670 | 130 | 70 | 48 | M42 | 340 | –              |
| 180                         | 280                   | 510            | 260 | 344            | 240 | 90  | 830 | 670 | 130 | 70 | 48 | M42 | 360 | 20             |
| 180                         | 280                   | 510            | 260 | 344            | 240 | 90  | 830 | 670 | 130 | 70 | 48 | M42 | 360 | –              |
| 200                         | 310                   | 565            | 280 | 380            | 240 | 105 | 880 | 720 | 130 | 70 | 48 | M42 | 400 | 20             |
| 200                         | 310                   | 565            | 280 | 380            | 240 | 105 | 880 | 720 | 130 | 70 | 48 | M42 | 400 | –              |
| 220                         | 340                   | 625            | 300 | 400            | 280 | 120 | 980 | 820 | 165 | 70 | 48 | M42 | 440 | 20             |
| 220                         | 340                   | 625            | 300 | 400            | 280 | 120 | 980 | 820 | 165 | 70 | 48 | M42 | 440 | –              |

① Locating bearing AF; ② Non-locating bearing AL; ③ Locating bearing BF; ④ Non-locating bearing BL



Design A



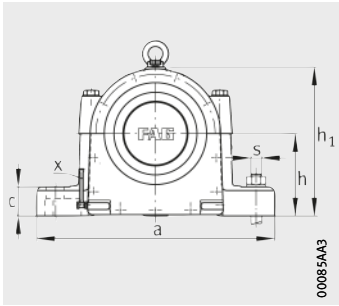
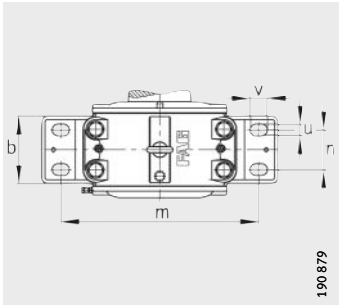
Design B



| Spherical roller bearing and accessories |                | Oil quantity         | Oil level         | Housing           |                  |                      |
|------------------------------------------|----------------|----------------------|-------------------|-------------------|------------------|----------------------|
| Bearing                                  | Adapter sleeve | Initial filling<br>l | Height<br>x<br>mm | Mass<br>m<br>≈ kg | Designation      |                      |
|                                          |                |                      |                   |                   | Locating bearing | Non-locating bearing |
| 22228..-K                                | H3128          | 3,7                  | 55 – 75           | 100               | LOE528-N-AF-L    | LOE528-N-AL-L        |
| 22228..-K                                | H3128          | 3,7                  | 55 – 75           | 100               | LOE528-N-BF-L    | LOE528-N-BL-L        |
| 22328..-K                                | H2328          | 6,7                  | 80 – 110          | 170               | LOE628-N-AF-L    | LOE628-N-AL-L        |
| 22328..-K                                | H2328          | 6,7                  | 80 – 110          | 170               | LOE628-N-BF-L    | LOE628-N-BL-L        |
| 22230..-K                                | H3130          | 4,2                  | 65 – 90           | 125               | LOE530-N-AF-L    | LOE530-N-AL-L        |
| 22230..-K                                | H3130          | 4,2                  | 65 – 90           | 125               | LOE530-N-BF-L    | LOE530-N-BL-L        |
| 22330..-K                                | H2330          | 6,2                  | 75 – 110          | 200               | LOE630-N-AF-L    | LOE630-N-AL-L        |
| 22330..-K                                | H2330          | 6,2                  | 75 – 110          | 200               | LOE630-N-BF-L    | LOE630-N-BL-L        |
| 22232..-K                                | H3132(-HG)     | 4,7                  | 60 – 80           | 135               | LOE532-N-AF-L    | LOE532-N-AL-L        |
| 22232..-K                                | H3132(-HG)     | 4,7                  | 60 – 80           | 135               | LOE532-N-BF-L    | LOE532-N-BL-L        |
| 22332..-K                                | H2332(-HG)     | 7,0                  | 80 – 105          | 240               | LOE632-N-AF-L    | LOE632-N-AL-L        |
| 22332..-K                                | H2332(-HG)     | 7,0                  | 80 – 105          | 240               | LOE632-N-BF-L    | LOE632-N-BL-L        |
| 22234..-K                                | H3134(-HG)     | 6,0                  | 90 – 105          | 160               | LOE534-N-AF-L    | LOE534-N-AL-L        |
| 22234..-K                                | H3134(-HG)     | 6,0                  | 80 – 105          | 160               | LOE534-N-BF-L    | LOE534-N-BL-L        |
| 22334..-K                                | H2334(-HG)     | 7,2                  | 80 – 105          | 270               | LOE634-N-AF-L    | LOE634-N-AL-L        |
| 22334..-K                                | H2334(-HG)     | 7,2                  | 80 – 105          | 270               | LOE634-N-BF-L    | LOE634-N-BL-L        |
| 22236..-K                                | H3136(-HG)     | 6,0                  | 75 – 110          | 200               | LOE536-N-AF-L    | LOE536-N-AL-L        |
| 22236..-K                                | H3136(-HG)     | 6,0                  | 75 – 110          | 200               | LOE536-N-BF-L    | LOE536-N-BL-L        |
| 22336..-K                                | H2336(-HG)     | 7,4                  | 80 – 105          | 330               | LOE636-N-AF-L    | LOE636-N-AL-L        |
| 22336..-K                                | H2336(-HG)     | 7,4                  | 80 – 105          | 330               | LOE636-N-BF-L    | LOE636-N-BL-L        |
| 22238..-K                                | H3138(-HG)     | 7,2                  | 70 – 100          | 230               | LOE538-N-AF-L    | LOE538-N-AL-L        |
| 22238..-K                                | H3138(-HG)     | 7,2                  | 70 – 100          | 230               | LOE538-N-BF-L    | LOE538-N-BL-L        |
| 22240..-K                                | H3140(-HG)     | 7,2                  | 75 – 100          | 250               | LOE540-N-AF-L    | LOE540-N-AL-L        |
| 22240..-K                                | H3140(-HG)     | 7,2                  | 75 – 100          | 250               | LOE540-N-BF-L    | LOE540-N-BL-L        |
| 22244..-K                                | H3144X(-HG)    | 8,2                  | 80 – 110          | 310               | LOE544-N-AF-L    | LOE544-N-AL-L        |
| 22244..-K                                | H3144X(-HG)    | 8,2                  | 80 – 110          | 310               | LOE544-N-BF-L    | LOE544-N-BL-L        |
| 22248..-K                                | H3148X(-HG)    | 8,4                  | 100 – 120         | 385               | LOE548-N-AF-L    | LOE548-N-AL-L        |
| 22248..-K                                | H3148X(-HG)    | 8,4                  | 100 – 120         | 385               | LOE548-N-BF-L    | LOE548-N-BL-L        |

# Plummer block housings

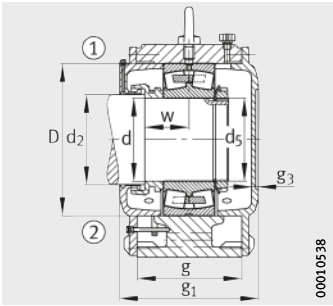
LOE, split  
For spherical roller bearings with cylindrical bore



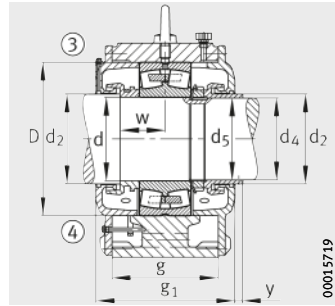
Dimension table - Dimensions in mm

| Shaft |                |                | Housing Dimensions |                |     |                |     |    |     |     |     |    |    |     |     |
|-------|----------------|----------------|--------------------|----------------|-----|----------------|-----|----|-----|-----|-----|----|----|-----|-----|
| d     | d <sub>2</sub> | d <sub>4</sub> | h                  | h <sub>1</sub> | g   | g <sub>1</sub> | b   | c  | a   | m   | n   | v  | u  | s   | D   |
| 50    | 55             | –              | 115                | 205            | 135 | 210            | 125 | 40 | 350 | 290 | 75  | 30 | 20 | M16 | 110 |
| 50    | 55             | 47             | 115                | 205            | 135 | 210            | 125 | 40 | 350 | 290 | 75  | 30 | 20 | M16 | 110 |
| 60    | 65             | –              | 125                | 220            | 140 | 220            | 130 | 45 | 370 | 310 | 80  | 30 | 20 | M16 | 130 |
| 60    | 65             | 57             | 125                | 220            | 140 | 220            | 130 | 45 | 370 | 310 | 80  | 30 | 20 | M16 | 130 |
| 70    | 75             | –              | 135                | 240            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 150 |
| 70    | 75             | 67             | 135                | 240            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 150 |
| 80    | 85             | –              | 150                | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 170 |
| 80    | 85             | 77             | 150                | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 170 |
| 85    | 90             | –              | 135                | 240            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 150 |
| 85    | 90             | 82             | 135                | 240            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 150 |
| 90    | 95             | –              | 135                | 245            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 160 |
| 90    | 95             | 87             | 135                | 245            | 160 | 225            | 150 | 48 | 410 | 340 | 80  | 35 | 25 | M20 | 160 |
| 90    | 95             | –              | 175                | 305            | 175 | 250            | 165 | 55 | 500 | 420 | 80  | 45 | 30 | M24 | 190 |
| 90    | 95             | 87             | 175                | 305            | 175 | 250            | 165 | 55 | 500 | 420 | 80  | 45 | 30 | M24 | 190 |
| 95    | 100            | –              | 150                | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 170 |
| 95    | 100            | 92             | 150                | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 170 |
| 100   | 110            | –              | 150                | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 180 |
| 100   | 110            | 97             | 150                | 270            | 170 | 250            | 160 | 50 | 490 | 400 | 80  | 45 | 30 | M24 | 180 |
| 100   | 106            | –              | 175                | 320            | 175 | 250            | 165 | 55 | 550 | 440 | 80  | 50 | 36 | M30 | 215 |
| 100   | 106            | 97             | 175                | 320            | 175 | 250            | 165 | 55 | 550 | 440 | 80  | 50 | 36 | M30 | 215 |
| 110   | 116            | –              | 165                | 300            | 175 | 250            | 165 | 50 | 510 | 420 | 80  | 45 | 30 | M24 | 200 |
| 110   | 116            | 107            | 165                | 300            | 175 | 250            | 165 | 50 | 510 | 420 | 80  | 45 | 30 | M24 | 200 |
| 110   | 120            | –              | 180                | 335            | 190 | 270            | 180 | 65 | 570 | 460 | 95  | 50 | 36 | M30 | 240 |
| 110   | 120            | 107            | 180                | 335            | 190 | 270            | 180 | 65 | 570 | 460 | 95  | 50 | 36 | M30 | 240 |
| 120   | 126            | –              | 175                | 320            | 175 | 250            | 165 | 55 | 550 | 440 | 80  | 50 | 36 | M30 | 215 |
| 120   | 126            | 117            | 175                | 320            | 175 | 250            | 165 | 55 | 550 | 440 | 80  | 50 | 36 | M30 | 215 |
| 120   | 126            | –              | 220                | 390            | 210 | 300            | 200 | 75 | 660 | 530 | 110 | 60 | 42 | M36 | 260 |
| 120   | 126            | 117            | 220                | 390            | 210 | 300            | 200 | 75 | 660 | 530 | 110 | 60 | 42 | M36 | 260 |
| 130   | 136            | –              | 190                | 345            | 185 | 260            | 175 | 65 | 570 | 460 | 90  | 50 | 36 | M30 | 230 |
| 130   | 136            | 127            | 190                | 345            | 185 | 260            | 175 | 65 | 570 | 460 | 90  | 50 | 36 | M30 | 230 |
| 130   | 140            | –              | 235                | 420            | 220 | 315            | 200 | 80 | 660 | 530 | 110 | 60 | 42 | M36 | 280 |
| 130   | 140            | 127            | 235                | 420            | 220 | 315            | 200 | 80 | 660 | 530 | 110 | 60 | 42 | M36 | 280 |

① Locating bearing AF; ② Non-locating bearing AL; ③ Locating bearing BF; ④ Non-locating bearing BL



Design A



Design B

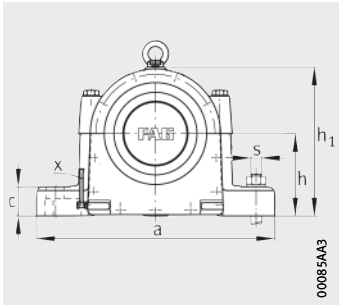
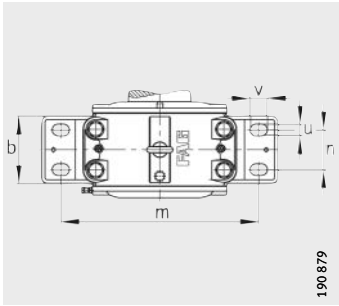


|    |    |                | Spherical roller bearing and accessories |           |                |            | Oil quantity         | Oil level         | Housing           |                      |                      |
|----|----|----------------|------------------------------------------|-----------|----------------|------------|----------------------|-------------------|-------------------|----------------------|----------------------|
| w  | y  | g <sub>3</sub> | Bearing                                  | Shaft nut |                | Tab washer | Initial filling<br>l | Height<br>x<br>mm | Mass<br>m<br>≈ kg | Designation          |                      |
|    |    |                |                                          |           | d <sub>5</sub> |            |                      |                   |                   | Locating bearing     | Non-locating bearing |
| 52 | –  | 18             | <b>22310</b>                             | KM10      | M50×2          | MB10       | 0,9                  | 50 – 65           | 30                | <b>LOE310-N-AF-L</b> | <b>LOE310-N-AL-L</b> |
| 52 | 15 | –              | <b>22310</b>                             | KM10      | M50×2          | MB10       | 0,9                  | 50 – 65           | 30                | <b>LOE310-N-BF-L</b> | <b>LOE310-N-BL-L</b> |
| 55 | –  | 18             | <b>22312</b>                             | KM12      | M60×2          | MB12       | 1,0                  | 50 – 65           | 35                | <b>LOE312-N-AF-L</b> | <b>LOE312-N-AL-L</b> |
| 55 | 15 | –              | <b>22312</b>                             | KM12      | M60×2          | MB12       | 1,0                  | 50 – 65           | 35                | <b>LOE312-N-BF-L</b> | <b>LOE312-N-BL-L</b> |
| 62 | –  | 18             | <b>22314</b>                             | KM14      | M70×2          | MB14       | 1,4                  | 50 – 65           | 45                | <b>LOE314-N-AF-L</b> | <b>LOE314-N-AL-L</b> |
| 62 | 15 | –              | <b>22314</b>                             | KM14      | M70×2          | MB14       | 1,4                  | 50 – 65           | 45                | <b>LOE314-N-BF-L</b> | <b>LOE314-N-BL-L</b> |
| 67 | –  | 18             | <b>22316</b>                             | KM16      | M80×2          | MB16       | 1,6                  | 55 – 70           | 60                | <b>LOE316-N-AF-L</b> | <b>LOE316-N-AL-L</b> |
| 67 | 15 | –              | <b>22316</b>                             | KM16      | M80×2          | MB16       | 1,6                  | 55 – 70           | 60                | <b>LOE316-N-BF-L</b> | <b>LOE316-N-BL-L</b> |
| 62 | –  | 18             | <b>22217</b>                             | KM17      | M85×2          | MB17       | 1,4                  | 50 – 65           | 45                | <b>LOE217-N-AF-L</b> | <b>LOE217-N-AL-L</b> |
| 62 | 15 | –              | <b>22217</b>                             | KM17      | M85×2          | MB17       | 1,4                  | 50 – 65           | 45                | <b>LOE217-N-BF-L</b> | <b>LOE217-N-BL-L</b> |
| 61 | –  | 17,5           | <b>22218</b>                             | KM18      | M90×2          | MB18       | 1,5                  | 45 – 60           | 47                | <b>LOE218-N-AF-L</b> | <b>LOE218-N-AL-L</b> |
| 61 | 15 | –              | <b>22218</b>                             | KM18      | M90×2          | MB18       | 1,5                  | 45 – 60           | 47                | <b>LOE218-N-BF-L</b> | <b>LOE218-N-BL-L</b> |
| 72 | –  | 18             | <b>22318</b>                             | KM18      | M90×2          | MB18       | 2,3                  | 65 – 85           | 73                | <b>LOE318-N-AF-L</b> | <b>LOE318-N-AL-L</b> |
| 72 | 15 | –              | <b>22318</b>                             | KM18      | M90×2          | MB18       | 2,3                  | 65 – 85           | 73                | <b>LOE318-N-BF-L</b> | <b>LOE318-N-BL-L</b> |
| 67 | –  | 18             | <b>22219</b>                             | KM19      | M95×2          | MB19       | 1,6                  | 55 – 70           | 60                | <b>LOE219-N-AF-L</b> | <b>LOE219-N-AL-L</b> |
| 67 | 15 | –              | <b>22219</b>                             | KM19      | M95×2          | MB19       | 1,6                  | 55 – 70           | 60                | <b>LOE219-N-BF-L</b> | <b>LOE219-N-BL-L</b> |
| 60 | –  | 20             | <b>22220</b>                             | KM20      | M100×2         | MB20       | 1,7                  | 50 – 65           | 67                | <b>LOE220-N-AF-L</b> | <b>LOE220-N-AL-L</b> |
| 60 | 15 | –              | <b>22220</b>                             | KM20      | M100×2         | MB20       | 1,7                  | 50 – 65           | 67                | <b>LOE220-N-BF-L</b> | <b>LOE220-N-BL-L</b> |
| 72 | –  | 18             | <b>22320</b>                             | KM20      | M100×2         | MB20       | 2,4                  | 55 – 75           | 81                | <b>LOE320-N-AF-L</b> | <b>LOE320-N-AL-L</b> |
| 72 | 15 | –              | <b>22320</b>                             | KM20      | M100×2         | MB20       | 2,4                  | 55 – 75           | 81                | <b>LOE320-N-BF-L</b> | <b>LOE320-N-BL-L</b> |
| 70 | –  | 18             | <b>22222</b>                             | KM22      | M110×2         | MB22       | 2,1                  | 50 – 70           | 74                | <b>LOE222-N-AF-L</b> | <b>LOE222-N-AL-L</b> |
| 70 | 15 | –              | <b>22222</b>                             | KM22      | M110×2         | MB22       | 2,1                  | 50 – 70           | 74                | <b>LOE222-N-BF-L</b> | <b>LOE222-N-BL-L</b> |
| 77 | –  | 20             | <b>22322</b>                             | KM22      | M110×2         | MB22       | 2,4                  | 45 – 65           | 100               | <b>LOE322-N-AF-L</b> | <b>LOE322-N-AL-L</b> |
| 77 | 15 | –              | <b>22322</b>                             | KM22      | M110×2         | MB22       | 2,4                  | 45 – 65           | 100               | <b>LOE322-N-BF-L</b> | <b>LOE322-N-BL-L</b> |
| 72 | –  | 18             | <b>22224</b>                             | KM24      | M120×2         | MB24       | 2,3                  | 50 – 70           | 80                | <b>LOE224-N-AF-L</b> | <b>LOE224-N-AL-L</b> |
| 72 | 15 | –              | <b>22224</b>                             | KM24      | M120×2         | MB24       | 2,3                  | 50 – 70           | 80                | <b>LOE224-N-BF-L</b> | <b>LOE224-N-BL-L</b> |
| 90 | –  | 18             | <b>22324</b>                             | KM24      | M120×2         | MB24       | 4,2                  | 65 – 90           | 130               | <b>LOE324-N-AF-L</b> | <b>LOE324-N-AL-L</b> |
| 90 | 15 | –              | <b>22324</b>                             | KM24      | M120×2         | MB24       | 4,2                  | 65 – 90           | 130               | <b>LOE324-N-BF-L</b> | <b>LOE324-N-BL-L</b> |
| 77 | –  | 18             | <b>22226</b>                             | KM26      | M130×2         | MB26       | 2,3                  | 55 – 75           | 93                | <b>LOE226-N-AF-L</b> | <b>LOE226-N-AL-L</b> |
| 77 | 15 | –              | <b>22226</b>                             | KM26      | M130×2         | MB26       | 2,3                  | 55 – 75           | 93                | <b>LOE226-N-BF-L</b> | <b>LOE226-N-BL-L</b> |
| 86 | –  | 18             | <b>22326</b>                             | KM26      | M130×2         | MB26       | 3,7                  | 75 – 105          | 142               | <b>LOE326-N-AF-L</b> | <b>LOE326-N-AL-L</b> |
| 86 | 15 | –              | <b>22326</b>                             | KM26      | M130×2         | MB26       | 3,7                  | 75 – 105          | 142               | <b>LOE326-N-BF-L</b> | <b>LOE326-N-BL-L</b> |



# Plummer block housings

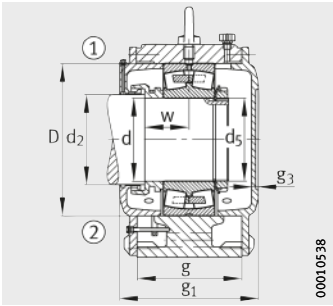
LOE, split  
For spherical roller bearings with cylindrical bore



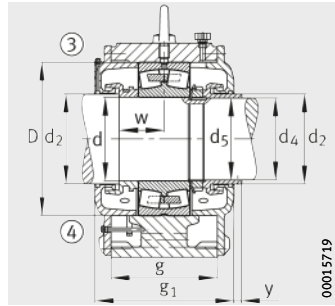
Dimension table (continued) · Dimensions in mm

| Shaft |                |                | Housing Dimensions |                |     |                |     |     |     |     |     |    |    |     |     |
|-------|----------------|----------------|--------------------|----------------|-----|----------------|-----|-----|-----|-----|-----|----|----|-----|-----|
| d     | d <sub>2</sub> | d <sub>4</sub> | h                  | h <sub>1</sub> | g   | g <sub>1</sub> | b   | c   | a   | m   | n   | v  | u  | s   | D   |
| 140   | 150            | –              | 190                | 355            | 180 | 260            | 175 | 65  | 570 | 460 | 100 | 50 | 36 | M30 | 250 |
| 140   | 150            | 137            | 190                | 355            | 180 | 260            | 175 | 65  | 570 | 460 | 100 | 50 | 36 | M30 | 250 |
| 140   | 146            | –              | 260                | 450            | 230 | 325            | 220 | 85  | 710 | 580 | 125 | 60 | 42 | M36 | 300 |
| 140   | 146            | 137            | 260                | 450            | 230 | 325            | 220 | 85  | 710 | 580 | 125 | 60 | 42 | M36 | 300 |
| 150   | 156            | –              | 220                | 395            | 200 | 275            | 190 | 70  | 660 | 530 | 100 | 60 | 42 | M36 | 270 |
| 150   | 156            | 147            | 220                | 395            | 200 | 275            | 190 | 70  | 660 | 530 | 100 | 60 | 42 | M36 | 270 |
| 150   | 160            | –              | 265                | 465            | 240 | 335            | 200 | 85  | 760 | 630 | 125 | 60 | 42 | M36 | 320 |
| 150   | 160            | 147            | 265                | 465            | 240 | 335            | 200 | 85  | 760 | 630 | 125 | 60 | 42 | M36 | 320 |
| 160   | 170            | –              | 220                | 400            | 210 | 290            | 200 | 70  | 660 | 530 | 110 | 60 | 42 | M36 | 290 |
| 160   | 170            | 155            | 220                | 400            | 210 | 290            | 200 | 70  | 660 | 530 | 110 | 60 | 42 | M36 | 290 |
| 160   | 166            | –              | 270                | 485            | 250 | 350            | 240 | 90  | 820 | 670 | 130 | 70 | 48 | M42 | 340 |
| 160   | 166            | 155            | 270                | 485            | 250 | 350            | 240 | 90  | 820 | 670 | 130 | 70 | 48 | M42 | 340 |
| 170   | 176            | –              | 260                | 460            | 210 | 300            | 200 | 85  | 710 | 580 | 110 | 60 | 42 | M36 | 310 |
| 170   | 176            | 165            | 260                | 460            | 210 | 300            | 200 | 85  | 710 | 580 | 110 | 60 | 42 | M36 | 310 |
| 170   | 180            | –              | 280                | 510            | 255 | 350            | 240 | 90  | 830 | 670 | 130 | 70 | 48 | M42 | 360 |
| 170   | 180            | 165            | 280                | 510            | 255 | 350            | 240 | 90  | 830 | 670 | 130 | 70 | 48 | M42 | 360 |
| 180   | 190            | –              | 260                | 465            | 210 | 300            | 200 | 85  | 710 | 580 | 110 | 60 | 42 | M36 | 320 |
| 180   | 190            | 175            | 260                | 465            | 210 | 300            | 200 | 85  | 710 | 580 | 110 | 60 | 42 | M36 | 320 |
| 180   | 190            | –              | 290                | 530            | 260 | 360            | 240 | 90  | 840 | 680 | 130 | 70 | 48 | M42 | 380 |
| 180   | 190            | 175            | 290                | 530            | 260 | 360            | 240 | 90  | 840 | 680 | 130 | 70 | 48 | M42 | 380 |
| 190   | 196            | –              | 270                | 485            | 250 | 350            | 240 | 90  | 820 | 670 | 130 | 70 | 48 | M42 | 340 |
| 190   | 196            | 185            | 270                | 485            | 250 | 350            | 240 | 90  | 820 | 670 | 130 | 70 | 48 | M42 | 340 |
| 200   | 210            | –              | 280                | 510            | 260 | 344            | 240 | 90  | 830 | 670 | 130 | 70 | 48 | M42 | 360 |
| 200   | 210            | 195            | 280                | 510            | 260 | 344            | 240 | 90  | 830 | 670 | 130 | 70 | 48 | M42 | 360 |
| 220   | 230            | –              | 310                | 565            | 280 | 380            | 240 | 105 | 880 | 720 | 130 | 70 | 48 | M42 | 400 |
| 220   | 230            | 212            | 310                | 565            | 280 | 380            | 240 | 105 | 880 | 720 | 130 | 70 | 48 | M42 | 400 |
| 240   | 260            | –              | 340                | 615            | 300 | 400            | 280 | 120 | 980 | 820 | 165 | 70 | 48 | M42 | 440 |
| 240   | 260            | 235            | 340                | 615            | 300 | 400            | 280 | 120 | 980 | 820 | 165 | 70 | 48 | M42 | 440 |

① Locating bearing AF; ② Non-locating bearing AL; ③ Locating bearing BF; ④ Non-locating bearing BL



Design A



Design B



|     |    |                | Spherical roller bearing and accessories |           |                |            | Oil quantity    | Oil level   | Housing     |                  |                      |
|-----|----|----------------|------------------------------------------|-----------|----------------|------------|-----------------|-------------|-------------|------------------|----------------------|
| w   | y  | g <sub>3</sub> | Bearing                                  | Shaft nut |                | Tab washer | Initial filling | Height x mm | Mass m ≈ kg | Designation      |                      |
|     |    |                |                                          |           | d <sub>5</sub> |            | l               |             |             | Locating bearing | Non-locating bearing |
| 73  | –  | 18             | <b>22228</b>                             | KM28      | M140×2         | MB28       | 3,7             | 55 – 70     | 100         | LOE228-N-AF-L    | LOE228-N-AL-L        |
| 73  | 22 | –              | <b>22228</b>                             | KM28      | M140×2         | MB28       | 3,7             | 55 – 70     | 100         | LOE228-N-BF-L    | LOE228-N-BL-L        |
| 95  | –  | 19,5           | <b>22328</b>                             | KM28      | M140×2         | MB28       | 6,7             | 80 – 110    | 170         | LOE328-N-AF-L    | LOE328-N-AL-L        |
| 95  | 15 | –              | <b>22328</b>                             | KM28      | M140×2         | MB28       | 6,7             | 80 – 110    | 170         | LOE328-N-BF-L    | LOE328-N-BL-L        |
| 82  | –  | 18             | <b>22230</b>                             | KM30      | M150×2         | MB30       | 4,2             | 65 – 90     | 125         | LOE230-N-AF-L    | LOE230-N-AL-L        |
| 82  | 15 | –              | <b>22230</b>                             | KM30      | M150×2         | MB30       | 4,2             | 65 – 90     | 125         | LOE230-N-BF-L    | LOE230-N-BL-L        |
| 95  | –  | 18             | <b>22330</b>                             | KM30      | M150×2         | MB30       | 6,2             | 75 – 110    | 200         | LOE330-N-AF-L    | LOE330-N-AL-L        |
| 95  | 15 | –              | <b>22330</b>                             | KM30      | M150×2         | MB30       | 6,2             | 75 – 110    | 200         | LOE330-N-BF-L    | LOE330-N-BL-L        |
| 80  | –  | 20             | <b>22232</b>                             | KM32      | M160×3         | MB32       | 4,7             | 60 – 80     | 136         | LOE232-N-AF-L    | LOE232-N-AL-L        |
| 80  | 22 | –              | <b>22232</b>                             | KM32      | M160×3         | MB32       | 4,7             | 60 – 80     | 136         | LOE232-N-BF-L    | LOE232-N-BL-L        |
| 100 | –  | 20             | <b>22332</b>                             | KM32      | M160×3         | MB32       | 7,0             | 80 – 105    | 240         | LOE332-N-AF-L    | LOE332-N-AL-L        |
| 100 | 15 | –              | <b>22332</b>                             | KM32      | M160×3         | MB32       | 7,0             | 80 – 105    | 240         | LOE332-N-BF-L    | LOE332-N-BL-L        |
| 90  | –  | 18             | <b>22234</b>                             | KM34      | M170×3         | MB34       | 6,0             | 90 – 105    | 160         | LOE234-N-AF-L    | LOE234-N-AL-L        |
| 90  | 15 | –              | <b>22234</b>                             | KM34      | M170×3         | MB34       | 6,0             | 90 – 105    | 160         | LOE234-N-BF-L    | LOE234-N-BL-L        |
| 105 | –  | 18             | <b>22334</b>                             | KM34      | M170×3         | MB34       | 7,2             | 80 – 105    | 270         | LOE334-N-AF-L    | LOE334-N-AL-L        |
| 105 | 15 | –              | <b>22334</b>                             | KM34      | M170×3         | MB34       | 7,2             | 80 – 105    | 270         | LOE334-N-BF-L    | LOE334-N-BL-L        |
| 90  | –  | 20             | <b>22236</b>                             | KM36      | M180×3         | MB36       | 6,0             | 75 – 110    | 200         | LOE236-N-AF-L    | LOE236-N-AL-L        |
| 90  | 22 | –              | <b>22236</b>                             | KM36      | M180×3         | MB36       | 6,0             | 75 – 110    | 200         | LOE236-N-BF-L    | LOE236-N-BL-L        |
| 108 | –  | 20             | <b>22336</b>                             | KM36      | M180×3         | MB36       | 7,4             | 80 – 105    | 330         | LOE336-N-AF-L    | LOE336-N-AL-L        |
| 108 | 15 | –              | <b>22336</b>                             | KM36      | M180×3         | MB36       | 7,4             | 80 – 105    | 330         | LOE336-N-BF-L    | LOE336-N-BL-L        |
| 95  | –  | 20             | <b>22238</b>                             | KM38      | M190×3         | MB38       | 7,2             | 70 – 100    | 230         | LOE238-N-AF-L    | LOE238-N-AL-L        |
| 95  | 15 | –              | <b>22238</b>                             | KM38      | M190×3         | MB38       | 7,2             | 70 – 100    | 230         | LOE238-N-BF-L    | LOE238-N-BL-L        |
| 100 | –  | 20             | <b>22240</b>                             | KM40      | M200×3         | MB40       | 7,2             | 75 – 100    | 250         | LOE240-N-AF-L    | LOE240-N-AL-L        |
| 100 | 15 | –              | <b>22240</b>                             | KM40      | M200×3         | MB40       | 7,2             | 75 – 100    | 250         | LOE240-N-BF-L    | LOE240-N-BL-L        |
| 108 | –  | 20             | <b>22244</b>                             | HM44T     | Tr220×4        | MB44       | 8,2             | 80 – 110    | 310         | LOE244-N-AF-L    | LOE244-N-AL-L        |
| 108 | 15 | –              | <b>22244</b>                             | HM44T     | Tr220×4        | MB44       | 8,2             | 80 – 110    | 310         | LOE244-N-BF-L    | LOE244-N-BL-L        |
| 120 | –  | 20             | <b>22248</b>                             | HM48T     | Tr240×4        | MB48       | 8,4             | 100 – 125   | 385         | LOE248-N-AF-L    | LOE248-N-AL-L        |
| 120 | 22 | –              | <b>22248</b>                             | HM48T     | Tr240×4        | MB48       | 8,4             | 100 – 125   | 385         | LOE248-N-BF-L    | LOE248-N-BL-L        |





## Unsplit plummer block housings

Plummer block housing units VRE3

BNM

BND