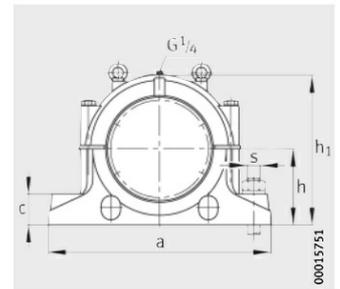
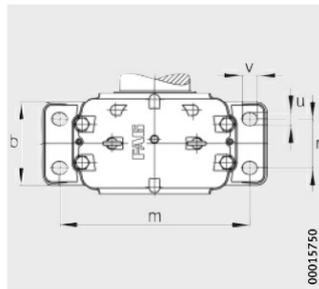
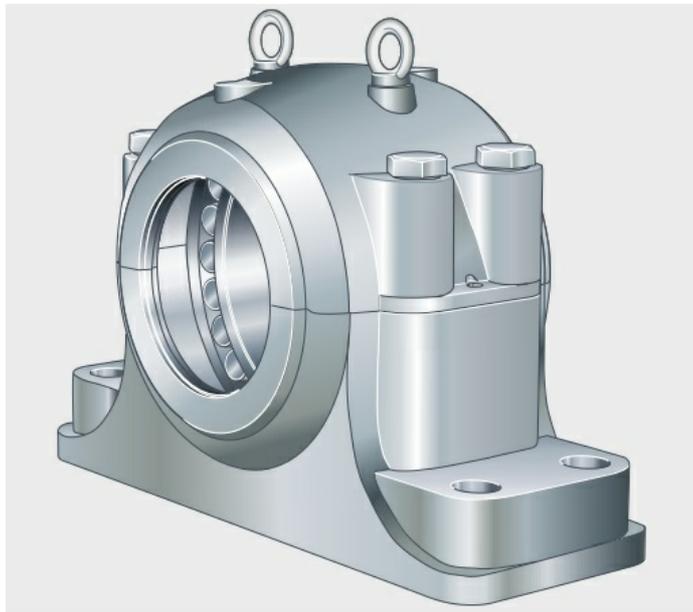
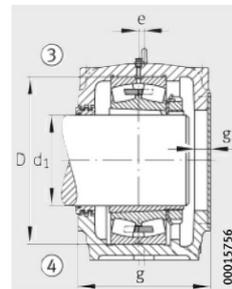


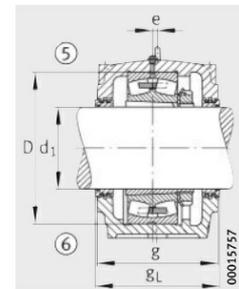
# SD3152-H-TS-AF-L



Cross-section of split bearings



Design A  
 ③ Loc. brg. TS-AF  
 ④ Non-loc. brg. TS-AL



Design B  
 ⑤ Loc. brg. TS-BF  
 ⑥ Non-loc. brg. TS-BL

## Technical sheet of SD3152-H-TS-AF-L

### What are the Benefits of choosing SD3152-H-TS-AF-L bearings?

- **Quick Installation:** Split structure eliminates the need to disassemble the shaft or coupling, allowing direct bearing replacement and halving downtime.
- **Self-aligning:** Works with self-aligning bearings to compensate for  $\pm 1.5^\circ$  installation errors or shaft deflection, reducing alignment requirements.
- **Wide Range of Applications:** Multiple seal options are available to adapt to harsh environments such as dust, humidity, and high temperatures.
- **Easy Maintenance:** Top lubrication hole + base relubrication channel allow for online maintenance without disassembly.

Type :	Plummer block housings	
Model :	<a href="https://en.tradebearings.com/SD3152-H-TS-AF-L">SD3152-H-TS-AF-L</a>	
Main demensions :	240 mm × 440 mm × 280 mm	Bore Dia × Outside Dia × Width Dia
M kg:	210	Mass
d mm:	240	inner ring diameter
D mm:	440	Outer ring diameter
B(T) mm:	280	Overall Width

## Detailed parameters and installation dimensions:

Reference From FAG SD3152-H-TS-AF-L , Plummer block housings SD31, split , Size: 240 mm d1 x 440 mm D x 280 mm b;

Bearing Type: Plummer block housings SD31, split For spherical roller bearings with tapered bore and adapter sleeve ;

Bearing: 23152-K-MB ;

Adapter sleeve: H3152X ;

Split bearing: 231SM240-MA ;

Locating ring: - ;

Locating ring(Quantity): - ;

Labyrinth ring with round cord: TS52 ;

Labyrinth ring with round cord(Quantity): 1 ;

Mass(Housing) - m: 210 kg;

Dimension - d1: 240 mm;

Dimension - a: 770 mm;

Dimension - g: 320 mm;

Dimension - h1: 515 mm;

Dimension - b: 280 mm;

Dimension - c: 100 mm;

Dimension - D: 440 mm;

Dimension - e: 13 mm;

Dimension - gL: - mm;

Dimension - g3: 35 mm;

Dimension - h: 260 mm;

Dimension - m: 650 mm;

Dimension - n: 160 mm;

Dimension - u: 42 mm;

Dimension - v: 52 mm;

Dimension - s: M36 mm | 1 3/8 inch;

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## What are the applications of the SD3152-H-TS-AF-L bearing?

- **General Machinery:** Used in conveying equipment, fans, and textile machinery. Bearings can be replaced without disassembling the shaft, significantly reducing downtime.
- **Mining/Metallurgy:** Used in belt conveyors, vibrating screens, and material handling systems. Adaptable to dusty, heavy-duty environments, with automatic self-aligning to compensate for installation errors.
- **Light Industry/Food:** Used in packaging machinery and food processing equipment. Available in stainless steel or with high-efficiency sealing, corrosion-resistant and easy to clean.

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