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› Thomson NSK 6205 ZZ Bearing Instruction Manual

Thomson 55X1370

Thomson NSK 6205 ZZ Bearing Instruction Manual

Model: 55X1370

1. PRODUCT OVERVIEW

This document provides essential information for the Thomson NSK 6205 ZZ bearing, a replacement component designed for washing machines. This bearing ensures the smooth and efficient rotation of the washing machine drum. Proper installation and maintenance are crucial for the longevity and performance of your appliance.



Image 1.1: The Thomson NSK 6205 ZZ bearing, a critical component for washing machine drum rotation.

2. SAFETY INFORMATION

Always prioritize safety when working with appliance parts. Incorrect installation can lead to injury or damage to the appliance.

- **Disconnect Power:** Before attempting any installation or repair, ensure the washing machine is unplugged from the power outlet.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses.
- **Consult a Professional:** If you are unsure about any step of the installation process, it is recommended to seek assistance from a qualified technician.
- **Handle with Care:** Bearings are precision components. Avoid dropping or subjecting them to impact.

3. COMPATIBILITY

This bearing is compatible with various washing machine models from different brands. It is essential to verify compatibility with your specific appliance model before installation. Refer to your appliance's service

manual or contact the manufacturer for confirmation.

Compatible Brands and Models include:

- **THOMSON:** EXACTA 850, EXACTA1000, EXACTA1009, EXACTA559, EXACTA600, EXACTA659, EXACTA859, SWF600PT, SWF600XT, SWF850XT, TF55, TF55FRANCIA, TF59, TFB90ECO, TFB99ECO, TFC50, TFC50F, TFC59, TFV109ECO, TFV129ECO, TF556, LF601E, LF60E, AWF12170W, AWF10180W, AWFH12280W, AWF12480W
- **DE DIETRICH:** DLZ491JE1, DLZ491JU1
- **BRANDT:** WBD1114K, WBD1114U, WFD1011K, WFF0811K, WFF1012K, BFB88, BF1100, BF55, BF550, BF55F, BF55SNG, BF58, BF68, BF850, BFB90ECO, BFB98ECO, BFC50, BFC50F, BFC50SNG, BFC51, BFV100SNG, BFV108ECO, BFV128ECO, BFW1100, WDF1000B, WDF1088B, BF556, BF559T, BF859T, BFC506, BFC516
- **VEDETTE:** VLF16351
- **URANIA:** F400URANIA
- **ARTHUR MARTIN:** AWF102, AWF1020, AWF1210, AWF106
- **HORN:** HCD56HORN, HCD90HORN, HL28.16DRY, HL80HORN

4. INSTALLATION (SETUP)

Replacing a washing machine drum bearing is a complex procedure that typically requires disassembling a significant portion of the appliance. It is highly recommended to consult your washing machine's specific service manual or a professional technician for detailed, model-specific instructions.

General Steps (for informational purposes only; specific steps vary by model):

1. **Preparation:** Disconnect power and water supply. Drain any remaining water.
2. **Access:** Remove the top, front, and/or rear panels of the washing machine to gain access to the drum assembly.
3. **Disassembly:** Disconnect hoses, wiring, and other components attached to the drum. Carefully remove the drum from the outer tub.
4. **Bearing Removal:** The old bearing(s) are usually pressed into the outer tub or a separate bearing housing. Special tools (e.g., bearing pullers, presses) may be required to remove them.
5. **Cleaning:** Thoroughly clean the bearing housing and shaft area to remove any debris or corrosion.
6. **New Bearing Installation:** Carefully press the new Thomson NSK 6205 ZZ bearing into place. Ensure it is seated correctly and not damaged during installation.
7. **Reassembly:** Reassemble the washing machine in reverse order, ensuring all connections are secure and components are properly aligned.
8. **Testing:** Before full operation, perform a test cycle to check for leaks, unusual noises, or vibrations.



Image 4.1: Illustrative image showing a washing machine and the typical location of a drum bearing.

5. MAINTENANCE

Bearings are generally maintenance-free components once installed correctly. Their lifespan is primarily determined by the quality of the bearing, the precision of installation, and the operating conditions of the appliance.

- **Proper Installation:** The most critical factor for bearing longevity is correct installation. Ensure the bearing is pressed in squarely and without excessive force that could damage the races or seals.
- **Avoid Overloading:** Consistently overloading your washing machine can put undue stress on the drum bearings, leading to premature wear.
- **Balance Loads:** Unbalanced loads can cause excessive vibration, which can also contribute to bearing wear.

6. TROUBLESHOOTING

A failing drum bearing typically manifests through distinct symptoms. If you experience any of the following, it may indicate a worn bearing requiring replacement:

- **Loud Noises:** A grinding, rumbling, or roaring noise, especially during the spin cycle, is a common indicator of a worn bearing. The noise often becomes louder as the spin speed increases.
- **Excessive Vibration:** While some vibration is normal, excessive shaking or wobbling of the drum, even with balanced loads, can point to bearing issues.
- **Drum Play:** If you can manually move the inner drum up and down or side to side relative to the outer tub with noticeable play, the bearings are likely worn.

If you suspect a bearing failure, it is advisable to replace the bearing promptly to prevent further damage to your washing machine.

7. SPECIFICATIONS

Key specifications for the Thomson NSK 6205 ZZ bearing:

- **Brand:** Thomson
- **Manufacturer Part Number:** 55X1370
- **Bearing Type:** Ball Bearing (Palier à bille)
- **Model Number (Article):** 51953_3663946519264
- **ASIN:** B00CZPSMAI

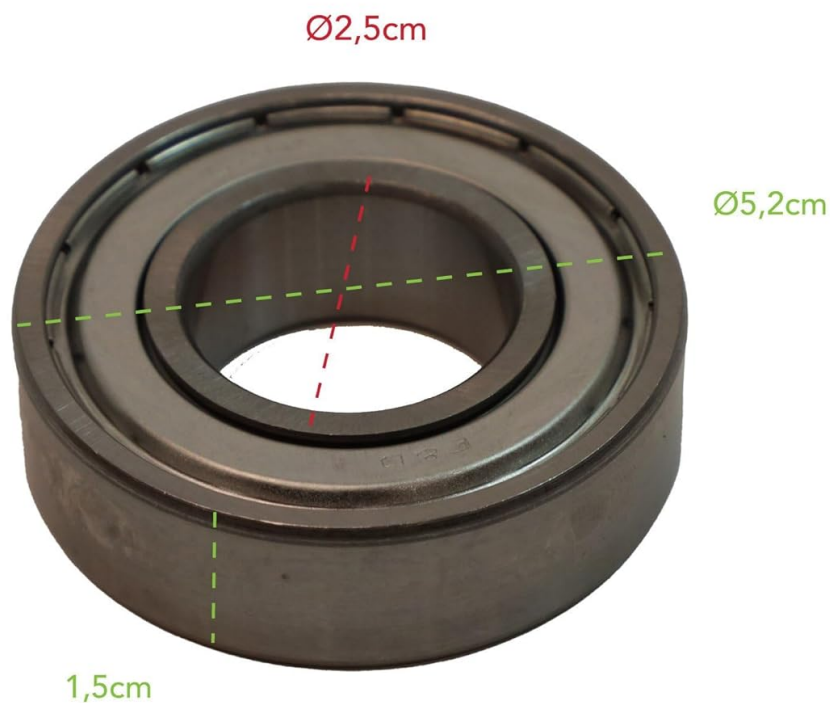


Image 7.1: The Thomson NSK 6205 ZZ bearing showing approximate dimensions: inner diameter Ø2.5cm, outer diameter Ø5.2cm, width 1.5cm.

8. WARRANTY AND SUPPORT

For specific warranty information regarding this Thomson NSK 6205 ZZ bearing, please refer to the terms and conditions provided by your retailer at the time of purchase. For technical support or inquiries regarding compatibility and installation, please contact the seller or a qualified appliance technician.