

Q: Is the SPAW/SPW a direct interchange to the SAF/SN style bearing?

A: Yes. The SPAW is dimensionally equivalent to the SAF series and the SPW is dimensionally equivalent to the SN series. They have the same base-to-center and mounting bolt dimensions.

Q: What type of housing configurations are available for the SPAW/SPW units?

A: The SPAW are pillow block units with 2 & 4 bolt mounting. The SPW units offer a 2 bolt or solid base option.

Q: Is the SPAW/SPW a solid housed bearing?

A: Yes. The SPAW/SPW are a one-piece solid housed bearing. This allows for faster & cleaner installation.

Q: What type of material are the housings made of?

A: The housing for NTN's SPAW/SPW/SFCW are made of Ductile Iron.

Q: What bore sizes are available?

A: Bore sizes 1 15/16" through 5 1/2" & 50mm through 140mm.

Q: Are the SPAW/SPW/SFCW available in fixed and expansion options?

A: Yes. Fixed and expansion options are available for all bore sizes.

Q: How does the expansion bearing move in the housing?

A: Expansion bearings are made by moving the snap ring which holds the bearing in the housing.

Q: How much expansion does this bearing allow?

A: Moving the snap ring to the expansion position of the housing:
 Bore size 1 15/16"(50mm) to 2 1/2"(65mm) – 5/16" (8 mm) expansion
 Bore size 2 15/16" (75mm) to 5 1/2" (140mm) – 3/8" (10 mm) expansion

Q: Are there end covers available for the SPAW/SPW/SFCW bearing?

A: Yes. NTN offers both open end and closed end covers that are bolted onto the housing with stainless steel hardware.

Q: Do the end covers allow grease fill for added protection?

A: Yes. NTN recommends that the end cover cavities are packed with grease during assembly for added protection. The cap covers can also be drilled and tapped for a grease fitting to add grease to the covers independent of the bearing insert.

Q: Does the open end cover have a seal for protection?

A: Yes. The open end cover comes with a spring loaded lip seal.

Q: What type of bearing insert is used with the SPAW/SPW/SFCW unit?

A: NTN-manufactured, double-row spherical roller bearing with integral contact lip seals pressed into the outer ring.

Q: What is the coating on the bearing insert?

A: The bearing insert is phosphate-coated to provide corrosion protection.

Q: Are the SPAW/SPW/SFCW bearings greased at the factory?

A: Yes. The bearings are grease filled at the factory for proper lubrication and to ensure cleanliness.

Q: What kind of seal is used with this bearing?

A: The seal is a spring loaded contact seal made of Nitrile rubber.

Q: What type of retainer is used?

A: NTN's Heavy duty ULTAGE® EA steel retainer is used with the product line.

Q: What is the clearance for the bearing insert?

A: C3 is the standard factory set clearance for the bearing used in this product line.

Q: What kind of shaft attachments are available with the SPAW/SPW/SFCW bearing?

A: SPAW/SPW/SFCW units are attached to the shaft with a taper adapter mount assembly.

Q: What is the mis-alignment capability of the SPAW/SPW/SFCW bearings?

A: These bearings have a mis-alignment capability of up to ±1.0°.

Q: What is the temperature range for the SPAW/SPW/SFCW bearings?

A: Allowable temperature range for this insert and standard C3 clearance is -13°F/-25°C to +250°F/120°C. For temperatures above 176°F/80°C, relubrication intervals need to be increased. Please consult NTN.

Q: Are replacement inserts available?

A: Yes. Replacement inserts are available and can be installed into the housing by simply removing one of the snap rings.

Q: Do the SPAW/SPW/SFCW allow for undersized shafting?

A: Yes. All bore sizes can accommodate the nominal shaft size to approximately -.003 inches.

Q: How are these units installed? How do you set mounted clearance?

A: Installation instructions are available in each supplied package. The units require you to establish a starting position and then tighten the locknut to a recommended rotation.

Q: What tools are required to install the SPAW/SPW/SFCW bearing?

A: NTN recommends using our spanner wrench to secure the locknut, lock washer and adapter sleeve to the shaft. This will prevent damaging the locknut. An alternative mounting method of using a drift and hammer may damage the locknut.

Here to help you handle the pressure.

We're here to help you achieve your productivity and performance goals. For more information, contact your NTN Sales Representative or **call 1-888-412-4122**. For technical questions, **email techsupport@ntn.ca**.

NTN BEARING CORPORATION OF CANADA
305 Courtneypark Drive West • Mississauga, ON L5W 1Y4
Tel: 905-564-2700 • Fax: 905-564-7749 • www.ntn.ca

Q: What types of application use the SPAW/SPW/SFCW bearings?

A: These bearings can be used in a variety of applications, but work particularly well where there is extreme contamination.

Q: How should I store an SPAW/SPW/SFCW bearing?

A: NTN recommends that the bearing remain in its original packaging, in a clean and dry environment until ready for installation.

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