

Knowledge Base Article

Product Group: Software Product: CMSW7311 – Analysis and Reporting Manager (ARM) Version: 2.0 (stand-alone version)

Abstract

This article explains how to add bearings into SKF Analysis and Reporting Manager (ARM) software.

Overview

Follow the steps below to add bearings into ARM.

- 1. Select a measurement in the ARM program.
- 2. Go to Edit > Assign bearing. [Figure 1]



Figure 1. Assign bearing



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3. A bearing selection dialog box will appear. [Figure 2]

Add
Remove
View defect harmonics
Cage defect: 0
Ball defect: 0
Outer defect: 0
Inner defect: 0
Speed (Hz)
- Select from spectrum

Figure 2. Bearing selection dialog

 Press the Add button to add a new bearing. Then, press the I mport button, and then select your choice from the drop down menu (import from database, CSV file, or online database).
 [Figure 3] In the example below, "Import from database" was chosen.

<u>M</u> anuf	acturer: SKF 🔹 <u>F</u> iltr	er:	rt 🔻
Name	Summ		Import from database
			Import from CSV Import from online database

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- You may choose a specific manufacturer and only decide to import that specific manufacturer's database, or you can choose to import the entire database. To import the entire database, ensure that AII is chosen in the Manufacturer drop down list, then select the I mport button, then choose the I mport from database option. It may take some time to completely build the entire list of bearings.
- 5. Once the import has completed, the list of bearings will be shown. [Figure 4]

💯 Select a bearing (6544 shown))	
<u>a</u> <u>.</u>		
Manufacturer:	<u>F</u> ilter:	
🔯 Timken 355 SERIES	💭 Timken 365 SERIES	🚫 Timken 375 SERIES 🔺
💽 Timken 385 SERIES	🚺 Timken 387A SERIES	💽 Timken 395 SERIES 📃
Timken 415 SERIES	🔘 Timken 435 SERIES	Timken 455 SERIES
💿 Timken 469 SERIES	🚫 Timken 475 SERIES	🚫 Timken 495 SERIES
🔯 Timken 525 SERIES	🚫 Timken 535 SERIES	🚫 Timken 555 SERIES
🔯 Timken 565 SERIES	💽 Timken 575 SERIES	🚫 Timken 593 SERIES
🔯 Timken 595 SERIES	👩 Timken 615 SERIES	Timken 623 SERIES
💿 Timken 635 SERIES	🚫 Timken 655 SERIES	Timken 659 SERIES
🔯 Timken 675 SERIES	👩 Timken 745 SERIES	Timken 755 SERIES
🔯 Timken NA759 SERIES	🚫 Timken 759 SERIES	💽 Timken 775 (19) SER
🔯 Timken 775 (21) SERIES	🔯 Timken 795 (23) SERIES	💽 Timken 795 (25) SER 🖕
T		•
OK Cancel	? Help	

Figure 4. List of bearings imported

6. At this point, select ALL of the bearings shown in the list. To do this, the best method is to select the first bearing in the list, then press the Shift key on the keyboard, scroll all they way down to the bottom of the list, and select the last bearing on the list while still holding down the Shift key. All of the bearings should now be selected, as shown in Figure 5.



		4
Manufacturer: All	<u>Filter:</u>	
Odge 22210ESK	Dodge 22211ESK	Oodge 22213ESK
🔘 Dodge 22215ESK	Dodge 22216ESK	Dodge 22217ESK
🚫 Dodge 22218ESK	Dodge 22220ESK	Oodge 2222ESK
🚫 Dodge 22224ESK	Oodge 22226ESK	Odge 22228ESK
🔘 Dodge 22230ESK	Oodge 22232ESK	Oodge 22234ESK
💽 Dodge 22236ESK	Dodge 22238KMB	O Dodge 22244KMB
🔘 Dodge 23048KMB	Oodge 23052KMB	Dodge 25056KMB
🔿 Dodge 23060KMB	Dodge 23064KMB	Odge 23072KMB
🚫 Dodge 23076KMB	Oodge SB-22208	Odge SB-22209
O Dodge SB-22210	Odge SB-22211	Odge SB-22213
🚫 Dodge SB-22215	Odge SB-22218	Dodge SB-22220
•		•

Figure 5. All bearings selected

7. Finally, press the OK button. Again, this may take a little bit of time, as the software is in the process of importing thousands of bearings. Eventually, it will finish. Press the OK button on the confirmation box. [Figure 6]



Figure 6. Confirmation dialog box

All of the bearing manufacturers should now be listed in the drop down menu. [Figure 7]

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Manufacturer: Torrington	<u>F</u> ilter:	Import 💌
Torrington 2220 SKF	Torrington 22209SNR (CJ-YM)	Torrington 22210 (CJ-
Torrington 2221 Timken	E Torrington 22211SNR (CJ-YM)	Torrington 22218 (CJ
Torrington 2221 Torrington	— 🔤 👩 Torrington 22220 (CJ-YM)	Torrington 22213 (CJ-
Torrington 2221 Link-Belt	Torrington 22216 (CJ-YM)	Torrington 22217 (CJ
Torrington 2222 Barden	🔯 Torrington 22224 (CJ-YM)	Torrington 22226 (CJ
Torrington 2222 Cooper	💷 👩 Torrington 22230 (CJ-YM)	Torrington 22232 (CJ-
Torrington 22234 (CJ-YM)	🔯 Torrington 22236 (CJ-YM)	Torrington 22238 (CJ-
💽 Torrington 22240 (CJ-YM)	🔯 Torrington 22244 (CJ-YM)	👩 Torrington 22309 (CJ-
💽 Torrington 22310 (CJ-YM)	🔯 Torrington 22311 (CJ-YM)	Torrington 22316 (CJ-
Torrington 22312 (CJ-YM)	Torrington 22313 (CJ-YM)	🔯 Torrington 22314 (CJ-
💽 Torrington 22317 (CJ-YM)	🔯 Torrington 22315 (CJ-YM)	🚺 Torrington 22318 (CJ-
Torrington 22310 (CJ-YM) Torrington 22312 (CJ-YM) Torrington 22317 (CJ-YM)	Corrington 22311 (CJ-YM) Torrington 22313 (CJ-YM) Torrington 22315 (CJ-YM)	 Torrington 22316 (0 Torrington 22314 (0 Torrington 22318 (0

Figure 7. Manufacturer selection

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by e-mail at <u>TSG-CMC@skf.com</u>.