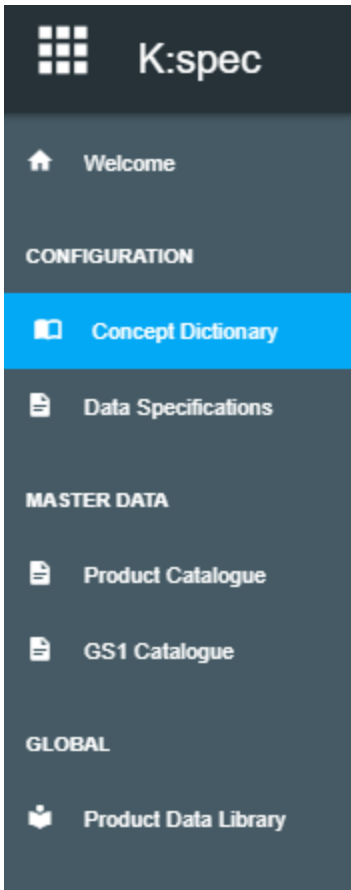




Under the Bonnet of the KOIOS Platform

A Real Time Data Exchange for the Bearing Manufacturer, Distributor and Others

A Brief Insight



KOIOS Menu

K:spec is the name we give to the portal that Manufacturers use to load and manage their data. You will see that there are the following menu options, namely:

- Concept Dictionary - where every term and definition is defined using international standards
- Data Specifications - where those concepts are used to create Product Specifications
- Product Catalogue - where a manufacturer creates their Products based on the above
- GS1 Catalogue - where the GS1 specification is used to model the manufacturer's data
- Product Data Library - where multiple manufacturers data is available in our global Library - on a permission basis.

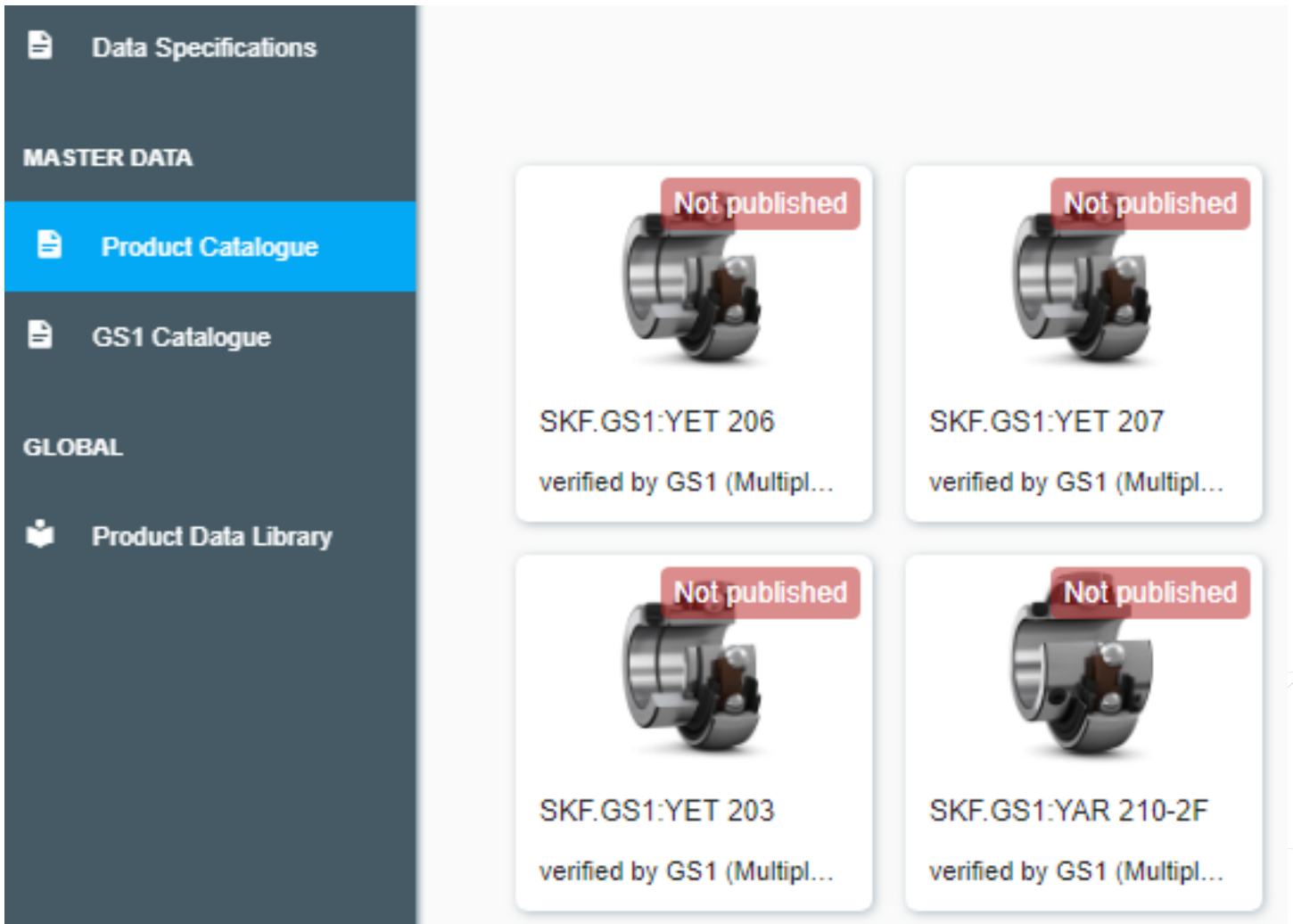


The Concept Dictionary is made up of Classes, Properties, Value of Properties, Units of Measure, Qualifier of Measure and a Glossary

The screenshot shows a 'Data Specification' for 'deep groove ball bearing'. It includes metadata such as 'Data specification type: Catalogue Item', 'Class Concept: deep groove ball bearing', 'Measurement System: SI (Metric)', and 'Unit of Issue: each, ea'. Below this is a 'Property details' table.

Property	Data Type	Representation	Unit of Measure
bore diameter	measured value	2 decimal places	mm
outside diameter	measured value	2 decimal places	mm
width	measured value	2 decimal places	mm
cage	list of values	sheet metal non-metallic machined metal without	

Data Specifications are built from the Concepts - here is the start of a specification for a Deep Groove Ball Bearing



The manufacturer creates their Product Catalogue from the Specifications

CONFIGURATION

- Concept Dictionary
- Data Specifications

MASTER DATA

- Product Catalogue
- GS1 Catalogue**

GLOBAL

- Product Data Library

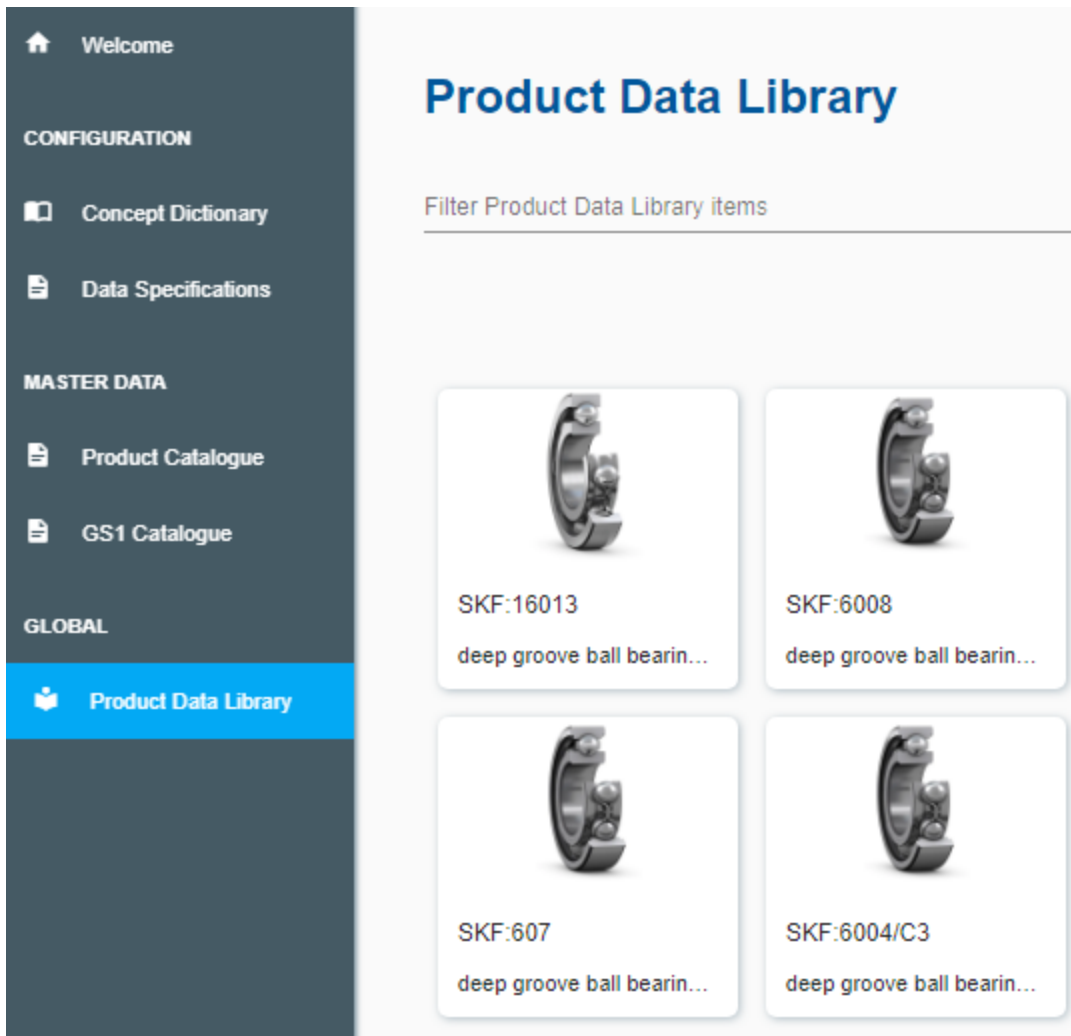
GS1 Catalogue Items

Filter GS1 catalogue items

i There are no GS1 catalogue items created by your company

GS1 Data for the GDSN and more widespread use across the global digital supply and trade ecosystems to help combat fraud among other things.

We have left this blank for the moment.



The Product Data Library is where all Manufacturers data is available to other parties on a managed, permission based basis.