

SKF® ground ball screws



The SKF Group

The SKF Group is an international industrial corporation of AB SKF Sweden, founded in 1907, operating in 130 countries. The company has some 43000 employees and more than 70 manufacturing facilities throughout the world.

Its international network is supported by nearly 20000 distributors and retailers. SKF is world leader in the rolling bearing business.

Bearing, seals and special steels are SKF's main product areas. In addition, they also manufacture and sell other industrial precision components and products.

SKF Linear Motion

One of these industrial precision products assortment is manufactured and sold by the SKF Linear Motion Division.

This unit has some 700 employees and 3 product lines. One of the division's strengths is its ability to serve the market through its organization based on 10 specialized Sales Companies located in Europe and North America; however product availability and product application support is provided world-wide by the SKF international network.

The Linear Motion range:

The Linear Motion range covers three main product lines:

- high efficiency screws
- · linear guiding systems
- electromechanical actuators.



Catalogue n° 4621/2E October 2000

Printed in France

(C) Copyright SKF 1998
The contents of this leaflet are the copyright of the publishers and may not be reproduced (even extracts) unless permission is granted. Every care has been taken to ensure the accuracy of the information contained in this catalogue but no liability can be accepted for any errors or omissions.

Earlier catalogues the data in which deviate from those given here, are rendered invalid.

The right is reserved to make changes necessitated by technological developments.

2 **5KF**

| Recommendations | 4 |
|---|----|
| "PGFJ" - Flanged nut with internal preload, DIN standard | 9 |
| "PGFL" - Double preloaded flanged nut SGFL Flanged nut with axial play | 10 |
| "PGFE" - Double preloaded flanged nut, DIN standard SGFE Flanged nut with axial play, DIN standard | 12 |
| "PGCL" - Cylindrical double preloaded nut, SGCL Cylindrical nut with axial play, | 14 |
| Ball screw support bearings | 16 |
| Calculation formulas | 24 |
| Roller Screws | 26 |
| Designation | 27 |