

### KGSCS50-PP-AS

#### Linear Ball Bearing and Housing Unit

Linear ball bearing and housing unit; with self-aligning linear ball bearing, open slotted design, sealed, greased, with relubrication facility

### Technical information



#### Your current product variant

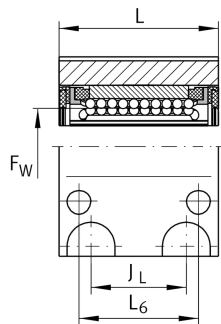
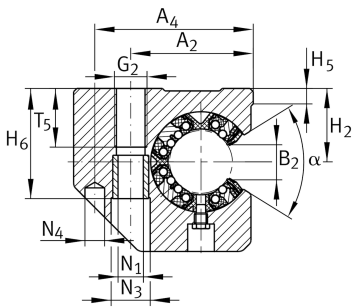
Size code	50
Seal	PP
Relubrication facility	AS

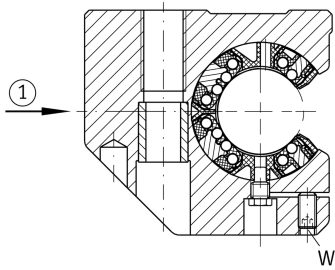
#### Technical data

	6	Ball rows
≈m	3 kg	Weight

#### Main Dimensions & Performance Data

F <sub>w</sub>	50 mm	Diameter of ball complement
H	115 mm	Height
L	100 mm	Length
B	127 mm	Width
C <sub>max</sub>	15.100 N	Load capacity dyn.
C <sub>0 max</sub>	13.900 N	Load capacity stat. C <sub>0max</sub>



**Mounting dimensions**

A <sub>2</sub>	88 mm	
Tol A <sub>2</sub>	+ 0,15 mm	Upper tolerance
Tol A <sub>2</sub>	- 0,15 mm	Lower tolerance
A <sub>4</sub>	109 mm	
A <sub>5</sub>	38 mm	
Tol A <sub>5</sub>	+ 0,01 mm	Upper tolerance
Tol A <sub>5</sub>	- 0,01 mm	Lower tolerance
B <sub>2</sub>	22,7 mm	
J <sub>L</sub>	62 mm	Distance
Tol J <sub>L</sub>	+ 0,15 mm	Upper tolerance
Tol J <sub>L</sub>	- 0,15 mm	Lower tolerance
L <sub>6</sub>	80 mm	Distance
H <sub>2</sub>	50 mm	Center height
Tol H <sub>2</sub>	+ 0,008 mm	Upper tolerance
Tol H <sub>2</sub>	- 0,016 mm	Lower tolerance
H <sub>4</sub>	70 mm	
H <sub>5</sub>	8,6 mm	
T <sub>5</sub>	36 mm	Mounting Dimension
H <sub>6</sub>	78,8 mm	
G <sub>2</sub>	M20	
N <sub>1</sub>	17,5 mm	
N <sub>4</sub>	12 mm	
N <sub>3</sub>	26 mm	
K <sub>5</sub>	M16	
K <sub>8</sub>	NIP6MZ	Lubrication nipple
W	5 mm	Width across flats
α	54 °	Angle