

Profile of rolling bearing damage (Bearing: K003)

		Category	Unit	Specification/Value
General info		Bearing Type	-	deep groove ball bearing
		Bearing designation (dimension series, bore code)	-	6203
		Suffix	-	-
Manufacturer specific information	Geometry	Diameter of inner raceway	mm	n/a
		Diameter of outer raceway	mm	n/a
		Pitch circle diameter	mm	29.05
		Number of rolling elements	pc.	8
		Rolling element diameter	mm	6.75
		Length of rolling element	mm	6.75
		Nominal pressure angle	°	0
	Parameters	Static load rating	N	n/a
		Dynamic load rating	N	n/a
		Speed limit	min ⁻¹	n/a
		Manufacturer	-	IBU
Application specific information	Identification	Bearing code	-	K003
		Sample number	-	-
	Place of operation	Installation site	-	-
		Installation type (system type)	-	-
		Operator	-	Chair of design and Drive Technology, Paderborn
	Operating conditions	Number of load cycles	cycles	-
		Lifetime	h	1
		Load	N	3000
		Dynamic equivalent load	N	-
		Rotational speed	min ⁻¹	3000
		Load direction	°	-
		Comment	-	-