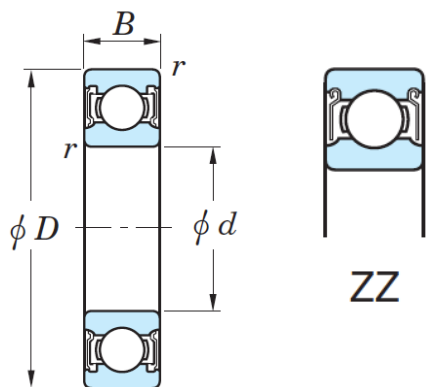


# High Temperature Ball Bearings



## 270°C RANGE TECHNICAL CHARACTERISTICS

- AISI 52100 Steel
- Manganese Phosphate surface treatment
- Increased radial clearance to compensate for thermal expansion
- Klüber's Barrierta LT 55/2 grease from -30°C to 270°C
- ZZ shields



### 270°C - 600 Series

Part Number	d (mm)	D (mm)	B (mm)	Weight (kg)	Speed Revs/min.	Static Load kN
607-ZZ-270°C	7	19	6	-	-	-
608-ZZ-270°C	8	22	7	-	-	-

### 270°C - 6000 Series

Part Number	d (mm)	D (mm)	B (mm)	Weight (kg)	Speed Revs/min.	Static Load kN
6000-ZZ-270°C	10	26	8	0.020	2300	1.14
6001-ZZ-270°C	12	28	8	0.025	2090	1.37
6002-ZZ-270°C	15	32	9	0.030	1930	1.65
6003-ZZ-270°C	17	35	10	0.040	1790	1.88
6004-ZZ-270°C	20	42	12	0.069	1620	2.89
6005-ZZ-270°C	25	47	12	0.080	1375	3.38
6006-ZZ-270°C	30	55	13	0.120	1060	4.62
6007-ZZ-270°C	35	62	14	0.160	895	6.01
6008-ZZ-270°C	40	68	15	0.190	820	6.80
6009-ZZ-270°C	45	75	16	0.250	730	8.27
6010-ZZ-270°C	50	80	16	0.260	690	9.02
6011-ZZ-270°C	55	90	18	0.390	615	12.26
6012-ZZ-270°C	60	95	18	0.420	570	13.43
6013-ZZ-270°C	65	100	18	0.440	510	14.45
6014-ZZ-270°C	70	110	20	0.600	495	18.21
6015-ZZ-270°C	75	115	20	0.640	460	19.65
6016-ZZ-270°C	80	125	22	0.850	410	22.1
6017-ZZ-270°C	85	130	22	0.890	395	23.7
6018-ZZ-270°C	90	140	24	1.150	375	27.6