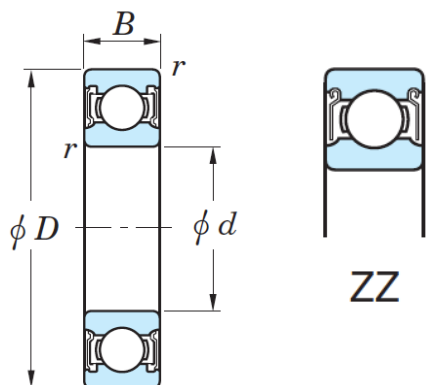


# High Temperature Ball Bearings



## 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 - 6300 Series

Part Number	d (mm)	D (mm)	B (mm)	Weight (kg)	Speed Revs/min.	Static Load kN
6300-ZZ-270°C	10	35	11	0.052	1790	1.99
6301-ZZ-270°C	12	37	12	0.060	1650	2.40
6302-ZZ-270°C	15	42	13	0.080	1460	3.12
6303-ZZ-270°C	17	47	14	0.120	1295	3.79
6304-ZZ-270°C	20	52	15	0.140	1140	4.91
6305-ZZ-270°C	25	62	17	0.225	895	6.59
6306-ZZ-270°C	30	72	19	0.350	775	9.35
6307-ZZ-270°C	35	80	21	0.450	695	10.98
6308-ZZ-270°C	40	90	23	0.620	615	14.45
6309-ZZ-270°C	45	100	25	0.830	545	18.50
6310-ZZ-270°C	50	110	27	1.050	495	21.25
6311-ZZ-270°C	55	120	29	1.350	440	27.46
6312-ZZ-270°C	60	130	31	1.700	415	30.06
6313-ZZ-270°C	65	140	33	2.100	375	34.68
6314-ZZ-270°C	70	150	35	2.500	360	39.10
6315-ZZ-270°C	75	160	37	3.000	335	44.20
6316-ZZ-270°C	80	170	39	3.600	325	47.70
6318-ZZ-270°C	90	190	43	4.900	290	59.60