



## **BHTS ZZ C4 220°-250°**

### Ball Bearings for High Temperature

The BHTS ZZ C4 220°-250° ball bearings are developed based on the structure of a standard bearing but with appropriate treatment of stabilization, radial clearance, greases and ZZ shields which make them suitable for operation from -40° to between +220° and +250°.

#### **Technical characteristics:**

Material Steel AISI 52100 (Chrome) stabilized to the application  
Radial Clearance C4  
Shields type ZZ  
Greasing with PTFE based on silicone free grease for temperatures up to 280°  
(with a drop point above 400°)

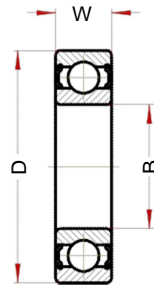
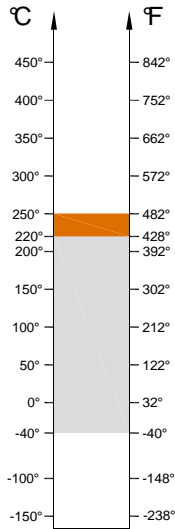
#### **Fields of application:**

Air Conveyors  
Industrial Fans  
Packaging Machinery  
Steel Industry  
Ceramic Industry  
Papermaking Industry



## BHTS ZZ C4 220°-250° (6000 Serie)

### Ball Bearings for High Temperature



OPERATING RANGE: -40° / 220°C

ECONOMIC OPERATING RANGE: 150° / 220°C

SHORT-TIME OPERATING RANGE: 220° / 250°C

Designation	Bore (B)	Diam (D)	Width (W)	Weight g	Speed RPM/min (*)at 200°	Speed RPM/min at 250°	Static Load, kN at 250°
6000 BHTS ZZ C4 220°-250°	10	26	8	20	6000	4200	1,50
6001 BHTS ZZ C4 220°-250°	12	28	8	25	5800	4060	1,79
6002 BHTS ZZ C4 220°-250°	15	32	9	30	5600	3920	2,13
6003 BHTS ZZ C4 220°-250°	17	35	10	40	5400	3780	2,46
6004 BHTS ZZ C4 220°-250°	20	42	12	69	5200	3640	3,83
6005 BHTS ZZ C4 220°-250°	25	47	12	80	4800	3360	4,42
6006 BHTS ZZ C4 220°-250°	30	55	13	120	4400	3080	6,12
6007 BHTS ZZ C4 220°-250°	35	62	14	160	4000	2800	7,91
6008 BHTS ZZ C4 220°-250°	40	68	15	190	3600	2520	9,01
6009 BHTS ZZ C4 220°-250°	45	75	16	250	3200	2240	10,88
6010 BHTS ZZ C4 220°-250°	50	80	16	260	2800	1960	11,9
6011 BHTS ZZ C4 220°-250°	55	90	18	390	2400	1680	16,15
6012 BHTS ZZ C4 220°-250°	60	95	18	420	2000	1400	17,1
6013 BHTS ZZ C4 220°-250°	65	100	18	440	1800	1260	19,13
6014 BHTS ZZ C4 220°-250°	70	110	20	600	1600	1120	22,84
6015 BHTS ZZ C4 220°-250°	75	115	20	640	1400	980	24,05

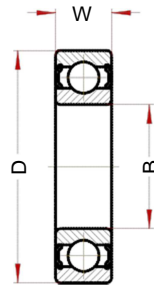
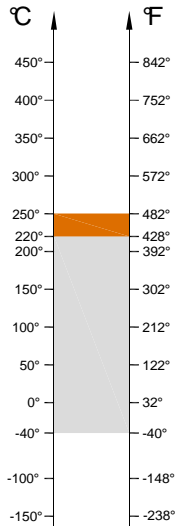
OPERATING RANGE is the correct technical range in which can be used the bearing with good operating result.

ECONOMIC OPERATING RANGE is the range of temperature in which you can find, according to our study experience and know-how, the better relation price - quality life-time.

SHORT-TIME OPERATING RANGE is the range in which the bearing can be used for few minutes but not for permanent use.

# BHTS ZZ C4 220°-250° (6200 Serie)

## Ball Bearings for High Temperature



OPERATING RANGE: -40° / 220°C

ECONOMIC OPERATING RANGE: 150° / 220°C

SHORT-TIME OPERATING RANGE: 220° / 250°C

Designation	Bore (B)	Diam (D)	Width (W)	Weight g	Speed RPM/min (*) at 200°	Speed RPM/min at 250°	Static Load, kN at 250°
6200 BHTS ZZ C4 220°-250°	10	30	9	30	5800	4060	1,9 6
6201 BHTS ZZ C4 220°-250°	12	32	10	37	5600	3920	2, 38
6202 BHTS ZZ C4 220°-250°	15	35	11	48	5400	3780	2, 81
6203 BHTS ZZ C4 220°-250°	17	40	12	65	5200	3640	3, 57
6204 BHTS ZZ C4 220°-250°	20	47	14	110	4800	3360	5 ,02
6205 BHTS ZZ C4 220°-250°	25	52	15	180	4400	3080	6 ,12
6206 BHTS ZZ C4 220°-250°	30	62	16	200	4000	2800	8 ,5
6207 BHTS ZZ C4 220°-250°	35	72	17	290	3600	2520	1 1,65
6208 BHTS ZZ C4 220°-250°	40	80	18	370	3200	2240	1 3,77
6209 BHTS ZZ C4 220°-250°	45	85	19	410	2800	1960	1 5,56
6210 BHTS ZZ C4 220°-250°	50	90	20	460	2400	1680	1 8,36
6211 BHTS ZZ C4 220°-250°	55	100	21	610	2000	1400	22,19
6212 BHTS ZZ C4 220°-250°	60	110	22	780	1800	1260	27,34
6213 BHTS ZZ C4 220°-250°	65	120	23	990	1600	1120	31,71
6214 BHTS ZZ C4 220°-250°	70	125	24	1040	1 400	980	33,66
6215 BHTS ZZ C4 220°-250°	75	130	25	1210	1 200	840	37,49

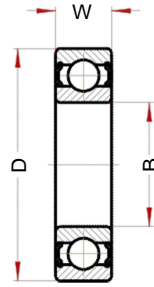
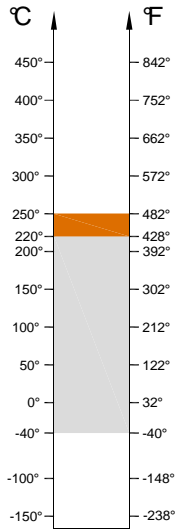
OPERATING RANGE is the correct technical range in which can be used the bearing with good operating result.

ECONOMIC OPERATING RANGE is the range of temperature in which you can find, according to our study experience and know-how, the better relation price - quality life-time.

SHORT-TIME OPERATING RANGE is the range in which the bearing can be used for few minutes but not for permanent use.

# BHTS ZZ C4 220°-250° (6300 Serie)

## Ball Bearings for High Temperature



OPERATING RANGE: -40° / 220°C

ECONOMIC OPERATING RANGE: 150° / 220°C

SHORT-TIME OPERATING RANGE: 220° / 250°C

Designation	Bore (B)	Diam (D)	Width (W)	Weight g	Speed RPM/min (*) at 200°	Spees RPM/min at 250°	Static Load, kN at 250°
6300 BHTS ZZ C4 220°-250°	10	35	11	52	5600	3920	2, 64
6301 BHTS ZZ C4 220°-250°	12	37	12	60	5400	3780	3, 15
6302 BHTS ZZ C4 220°-250°	15	42	13	80	5200	3640	4, 08
6303 BHTS ZZ C4 220°-250°	17	47	14	120	4800	3360	4 ,93
6304 BHTS ZZ C4 220°-250°	20	52	15	140	4400	3080	3 ,06
6305 BHTS ZZ C4 220°-250°	25	62	17	225	4000	2800	8 ,67
6306 BHTS ZZ C4 220°-250°	30	72	19	350	3600	2520	1 2,41
6307 BHTS ZZ C4 220°-250°	35	80	21	450	3200	2240	1 4,52
6308 BHTS ZZ C4 220°-250°	40	90	23	620	2800	1960	1 9,13
6309 BHTS ZZ C4 220°-250°	45	100	25	830	2400	1680	24,3
6310 BHTS ZZ C4 220°-250°	50	110	27	1050	2000	1400	29,1
6311 BHTS ZZ C4 220°-250°	55	120	29	1350	1800	1260	36,3
6312 BHTS ZZ C4 220°-250°	60	130	31	1700	1600	1120	39,8
6313 BHTS ZZ C4 220°-250°	65	140	33	2100	1400	980	45,9
6314 BHTS ZZ C4 220°-250°	70	150	35	2500	1 200	840	52,02
6315 BHTS ZZ C4 220°-250°	75	160	37	3000	1000	700	58,5

OPERATING RANGE is the correct technical range in which can be used the bearing with good operating result.

ECONOMIC OPERATING RANGE is the range of temperature in which you can find, according to our study experience and know-how, the better relation price - quality life-time.

SHORT-TIME OPERATING RANGE is the range in which the bearing can be used for few minutes but not for permanent use.