



BHTS ZZ 350° BECO PLUS

NEW  
2015

### Ball Bearings for Extreme Temperature

The BHTS ZZ 350° BECO PLUS ball bearings are designed on the dimensions of a standard bearing but with treatments of stabilization, surface treatment and special radial clearance.

The new grease-compound developed for BECO can reach 370°C without lose any characteristics & allow to work till 350°C with stable characteristic of rotation.

#### Technical characteristics:

Bearing material: steel AISI 52100 (Chrome) stabilized to the application  
Treatment of manganese phosphate coating on all steel parts of the bearing  
Radial Clearance 4xC5  
Shields type ZZ  
Lubricated with BECO grease-compound for temperature up to 370°C

#### Fields of application:

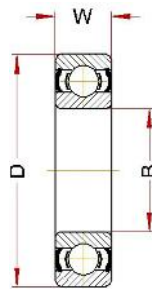
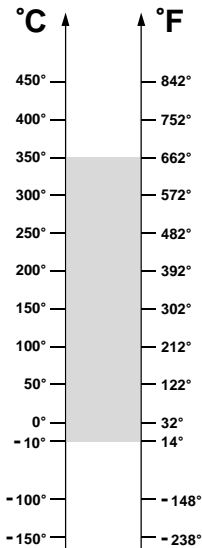
Paint Ovens  
Steel industry  
Furnaces for Ceramic Industry  
Trolley Industry, Trolley for Brick Kilns Industry

#### Advantages:

The Most Performant Bearing on the market  
Up to 3 times more speed that any other competitors at the maximum temperature

# BHTS ZZ 350° BECO PLUS (6000 Serie)

## Ball Bearings for Extreme Temperature



OPERATING RANGE: -10° / 350°C

ECONOMIC OPERATING RANGE: 250° / 350°C

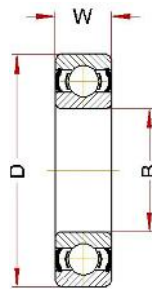
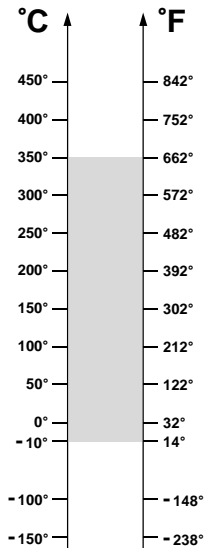
Designation	Bore (B)	Diam (D)	Width (W)	Weight, g	Limiting Speed, RPM	Static Load, kN at 350°C	Static Load, kN at 20°C
6000 BHTS ZZ 350° BECO PLUS	10	26	8	20	564	1,35	1,96
6001 BHTS ZZ 350° BECO PLUS	12	28	8	25	524	1,63	2,36
6002 BHTS ZZ 350° BECO PLUS	15	32	9	30	484	1,97	2,85
6003 BHTS ZZ 350° BECO PLUS	17	35	10	40	444	2,24	3,25
6004 BHTS ZZ 350° BECO PLUS	20	42	12	69	400	3,45	5,00
6005 BHTS ZZ 350° BECO PLUS	25	47	12	80	340	4,04	5,85
6006 BHTS ZZ 350° BECO PLUS	30	55	13	120	260	5,52	8,00
6007 BHTS ZZ 350° BECO PLUS	35	62	14	160	220	7,17	10,4
6008 BHTS ZZ 350° BECO PLUS	40	68	15	190	200	8,14	11,8
6009 BHTS ZZ 350° BECO PLUS	45	75	16	250	180	9,86	14,3
6010 BHTS ZZ 350° BECO PLUS	50	80	16	260	170	10,76	15,6
6011 BHTS ZZ 350° BECO PLUS	55	90	18	390	150	14,62	21,2
6012 BHTS ZZ 350° BECO PLUS	60	95	18	420	140	16,00	23,2
6013 BHTS ZZ 350° BECO PLUS	65	100	18	440	126	17,24	25,0
6014 BHTS ZZ 350° BECO PLUS	70	110	20	600	120	21,72	31,5
6015 BHTS ZZ 350° BECO PLUS	75	115	20	640	100	23,45	34,0

**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.

# BHTS ZZ 350° BECO PLUS (6200 Serie)

## Ball Bearings for Extreme Temperature



OPERATING RANGE: -10° / 350°C

ECONOMIC OPERATING RANGE: 250° / 350°C

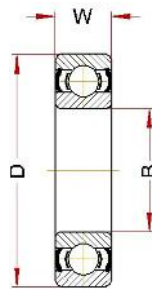
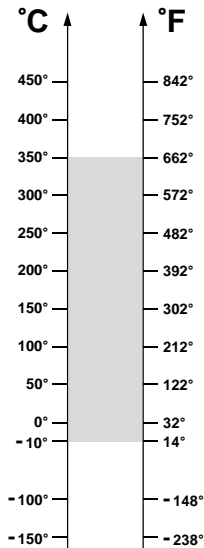
Designation	Bore (B)	Diam (D)	Width (W)	Weight, g	Limiting Speed, RPM	Static Load, kN at 350°C	Static Load, kN at 20°C
6200 BHTS ZZ 350° BECO PLUS	10	30	9	30	524	1,79	2,60
6201 BHTS ZZ 350° BECO PLUS	12	32	10	37	484	2,14	3,10
6202 BHTS ZZ 350° BECO PLUS	15	35	11	45	360	2,59	3,75
6203 BHTS ZZ 350° BECO PLUS	17	40	12	65	350	3,28	4,75
6204 BHTS ZZ 350° BECO PLUS	20	47	14	110	300	4,52	6,55
6205 BHTS ZZ 350° BECO PLUS	25	52	15	130	280	5,52	8,00
6206 BHTS ZZ 350° BECO PLUS	30	62	16	200	220	7,72	11,2
6207 BHTS ZZ 350° BECO PLUS	35	72	17	290	200	10,55	15,3
6208 BHTS ZZ 350° BECO PLUS	40	80	18	370	170	12,41	18,0
6209 BHTS ZZ 350° BECO PLUS	45	85	19	410	160	14,06	20,4
6210 BHTS ZZ 350° BECO PLUS	50	90	20	460	150	16,55	24,0
6211 BHTS ZZ 350° BECO PLUS	55	100	21	610	134	20,00	29,0
6212 BHTS ZZ 350° BECO PLUS	60	110	22	780	120	24,83	36,0
6213 BHTS ZZ 350° BECO PLUS	65	120	23	990	106	28,62	41,5
6214 BHTS ZZ 350° BECO PLUS	70	125	24	1040	100	30,35	44,0
6215 BHTS ZZ 350° BECO PLUS	75	130	25	1210	100	33,79	49,0

**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.

# BHTS ZZ 350° BECO PLUS (6300 Serie)

## Ball Bearings for Extreme Temperature



OPERATING RANGE: -10° / 350°C

ECONOMIC OPERATING RANGE: 250° / 350°C

Designation	Bore (B)	Diam (D)	Width (W)	Weight, g	Limiting Speed, RPM	Static Load, kN at 350°C	Static Load, kN at 20°C
6300 BHTS ZZ 350° BECO PLUS	10	35	11	52	440	2,38	3,45
6301 BHTS ZZ 350° BECO PLUS	12	37	12	60	400	2,86	4,15
6302 BHTS ZZ 350° BECO PLUS	15	42	13	80	360	3,72	5,40
6303 BHTS ZZ 350° BECO PLUS	17	47	14	120	320	4,52	6,55
6304 BHTS ZZ 350° BECO PLUS	20	52	15	140	280	5,86	8,50
6305 BHTS ZZ 350° BECO PLUS	25	62	17	225	220	7,86	11,4
6306 BHTS ZZ 350° BECO PLUS	30	72	19	350	190	11,24	16,3
6307 BHTS ZZ 350° BECO PLUS	35	80	21	450	170	13,10	19,0
6308 BHTS ZZ 350° BECO PLUS	40	90	23	620	150	17,24	25,0
6309 BHTS ZZ 350° BECO PLUS	45	100	25	830	134	22,06	32,0
6310 BHTS ZZ 350° BECO PLUS	50	110	27	1050	120	26,21	38,0
6311 BHTS ZZ 350° BECO PLUS	55	120	29	1350	106	32,76	47,5
6312 BHTS ZZ 350° BECO PLUS	60	130	31	1700	100	35,86	52,0
6313 BHTS ZZ 350° BECO PLUS	65	140	33	2100	100	41,38	60,0
6314 BHTS ZZ 350° BECO PLUS	70	150	35	2500	100	46,90	68,0
6315 BHTS ZZ 350° BECO PLUS	75	160	37	3000	100	52,76	76,5

**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.