



## **BSS**

### **Ball Bearings in Stainless Steel**

The BSS bearings are made of hardened stainless steel for all the rotational parts and AISI 304 for the protection and the cage. The construction in tempered stainless steel provides excellent results in applications mildly aggressive and is not recommended for use in the presence of acids, salts, sea water, etc. The BSS bearings have success in many applications especially in the presence of weather conditions, which is an excellent solution for the realisation of sliding glass doors outside.

#### **Technical characteristics:**

Material tempered stainless steel  
Standard Radial Clearance  
Open type  
Grease: The bearings are supplied greased

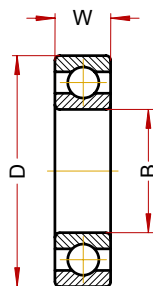
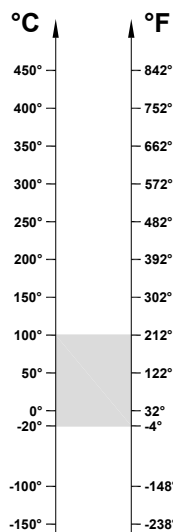
#### **Fields of application:**

Air conveyors for food processing plants  
Construction industry, windows, sliding windows, etc



## BSS (6000 Serie)

### Ball Bearings in Stainless Steel



OPERATING RANGE: -20° / 100°C

ECONOMIC OPERATING RANGE: -20° / 100°C

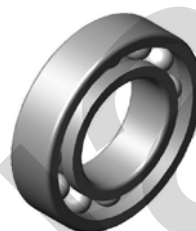
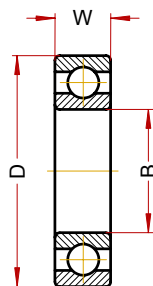
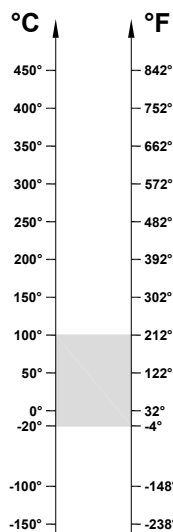
Designation	Bore (B)	Diam (D)	Widht (W)	Weight g	Speed RPM/min (*)	Static Load, kN at 100°	Static Load, kN at 20°
6000 BSS	10	26	8	20	19720	1,57	1,57
6001 BSS	12	28	8	25	16640	1,89	1,89
6002 BSS	15	32	9	30	15360	2,28	2,28
6003 BSS	17	35	10	40	14080	2,60	2,60
6004 BSS	20	42	12	69	12800	4	4
6005 BSS	25	47	12	80	10880	4,68	4,68
6006 BSS	30	55	13	120	8320	6,40	6,40
6007 BSS	35	62	14	160	7040	8,32	8,32
6008 BSS	40	68	15	190	6400	9,44	9,44
6009 BSS	45	75	16	250	5760	11,44	11,44
6010 BSS	50	80	16	260	5440	12,48	12,48
6011 BSS	55	90	18	390	4800	16,96	16,96
6012 BSS	60	95	18	420	4480	18,5	18,5
6013 BSS	65	100	18	440	4032	20	20
6014 BSS	70	110	20	600	3840	25,20	25,20
6015 BSS	75	115	20	640	3584	27,20	27,20

**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.

## BSS (6200 Serie)

### Ball Bearings in Stainless Steel



OPERATING RANGE: -20° / 100°C

ECONOMIC OPERATING RANGE: -20° / 100°C

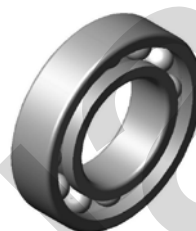
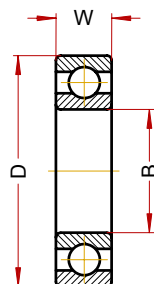
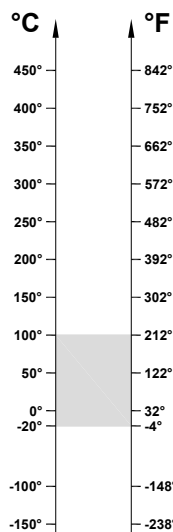
Designation	Bore (B)	Diam (D)	Widht (W)	Weight g	Speed RPM/min (*)	Static Load, kN at 100°	Static Load, kN at 20°
6200 BSS	10	30	9	30	16640	2,08	2,08
6201 BSS	12	32	10	37	15360	2,48	2,48
6202 BSS	15	35	11	45	12800	3	3
6203 BSS	17	40	12	65	11520	3,80	3,80
6204 BSS	20	47	14	110	12000	5,24	5,24
6205 BSS	25	52	15	130	8960	6,40	6,40
6206 BSS	30	62	16	200	7040	8,96	8,96
6207 BSS	35	72	17	290	6080	12,24	12,24
6208 BSS	40	80	18	370	5440	14,40	14,40
6209 BSS	45	85	19	410	5120	16,32	16,32
6210 BSS	50	90	20	460	4800	19,20	19,20
6211 BSS	55	100	21	610	4288	23,20	23,20
6212 BSS	60	110	22	780	3840	28,80	28,80
6213 BSS	65	120	23	990	3392	33,20	33,20
6214 BSS	70	125	24	1040	3200	35,20	35,20
6215 BSS	75	130	25	1210	3072	39,20	39,20

**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.

## BSS (6300 Serie)

### Ball Bearings in Stainless Steel



OPERATING RANGE: -20° / 100°C

ECONOMIC OPERATING RANGE: -20° / 100°C

Designation	Bore (B)	Diam (D)	Widht (W)	Weight g	Speed RPM/min (*)	Static Load, kN at 100°	Static Load, kN at 20°
6300 BSS	10	35	11	52	14080	2,76	2,76
6301 BSS	12	37	12	60	12800	3,32	3,32
6302 BSS	15	42	13	80	11520	4,32	4,32
6303 BSS	17	47	14	120	10240	5,54	5,54
6304 BSS	20	52	15	140	8960	6,80	6,80
6305 BSS	25	62	17	225	7040	9,12	9,12
6306 BSS	30	72	19	350	6080	13,04	13,04
6307 BSS	35	80	21	450	5440	15,20	15,20
6308 BSS	40	90	23	620	4800	20	20
6309 BSS	45	100	25	830	4288	25,60	25,60
6310 BSS	50	110	27	1050	3840	30,40	30,40
6311 BSS	55	120	29	1350	3392	38	38
6312 BSS	60	130	31	1700	3200	41,60	41,60
6313 BSS	65	140	33	2100	2880	48	48
6314 BSS	70	150	35	2500	2752	56,2	56,2
6315 BSS	75	160	37	3000	2560	61,20	61,20

**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.