



BSS ZZ NSF H1

Ball Bearings in Stainless Steel (magnetic)

The BSS ZZ NSF H1 ball bearings are made of hardened stainless steel for all 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 it is not recommended for use in the presence of acids, salts, sea water, etc. The BSS ZZ NSF H1 bearings are successful in many applications especially in the presence of weather conditions, making them an excellent solution to manufacture sliding glass doors for outside. The presence of ZZ protection and suitable grease allow their direct use in applications without additional protection.

Technical characteristics:

Bearing material: tempered stainless steel

Standard Radial Clearance

Stainless steel shields type ZZ

Lubricated for life with grease (–20°C to +100°C) suitable to use in food industry according NSF H1 standard

Fields of application:

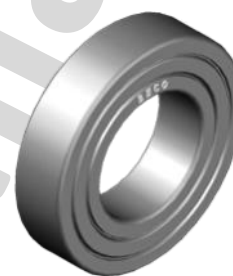
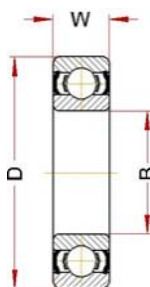
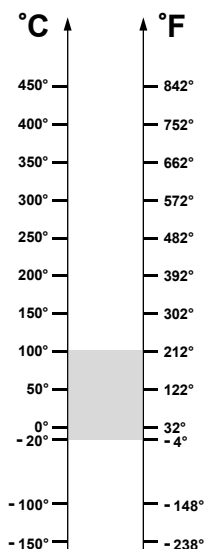
Air conveyors for food processing plants

Construction industry, windows, sliding windows, etc.



BSS ZZ NSF H1 (6000 Serie)

Ball Bearings in Stainless Steel (magnetic)



OPERATING RANGE: $-20^{\circ} / 100^{\circ}\text{C}$

ECONOMIC OPERATING RANGE: $-20^{\circ} / 100^{\circ}\text{C}$

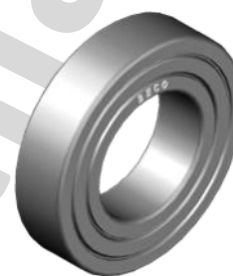
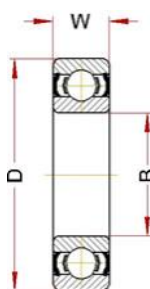
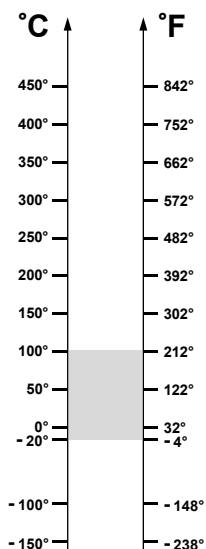
Designation	Bore (B)	Diam (D)	Width (W)	Weight, g	Limiting Speed, RPM	Static Load, kN at 100°C	Static Load, kN at 20°C
6000 BSS ZZ NSF H1	10	26	8	20	19720	1,57	1,57
6001 BSS ZZ NSF H1	12	28	8	25	16640	1,89	1,89
6002 BSS ZZ NSF H1	15	32	9	30	15360	2,28	2,28
6003 BSS ZZ NSF H1	17	35	10	40	14080	2,60	2,60
6004 BSS ZZ NSF H1	20	42	12	69	12800	4,00	4,00
6005 BSS ZZ NSF H1	25	47	12	80	10880	4,68	4,68
6006 BSS ZZ NSF H1	30	55	13	120	8320	6,40	6,40
6007 BSS ZZ NSF H1	35	62	14	160	7040	8,32	8,32
6008 BSS ZZ NSF H1	40	68	15	190	6400	9,44	9,44
6009 BSS ZZ NSF H1	45	75	16	250	5760	11,4	11,4
6010 BSS ZZ NSF H1	50	80	16	260	5440	12,4	12,4
6011 BSS ZZ NSF H1	55	90	18	390	4800	16,9	16,9
6012 BSS ZZ NSF H1	60	95	18	420	4480	18,5	18,5
6013 BSS ZZ NSF H1	65	100	18	440	4032	20,0	20,0
6014 BSS ZZ NSF H1	70	110	20	600	3840	25,2	25,2
6015 BSS ZZ NSF H1	75	115	20	640	3584	27,2	27,2

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-lifetime.

BSS ZZ NSF H1 (6200 Serie)

Ball Bearings in Stainless Steel (magnetic)



OPERATING RANGE: -20° / 100°C

ECONOMIC OPERATING RANGE: -20° / 100°C

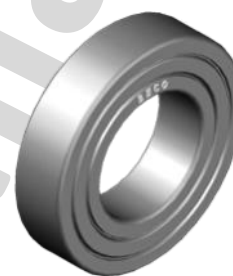
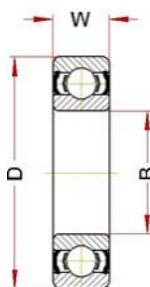
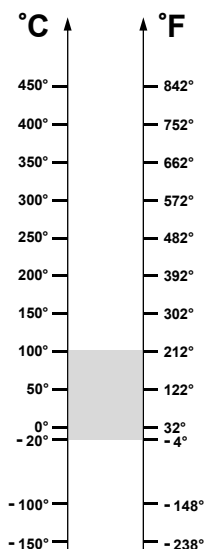
Designation	Bore (B)	Diam (D)	Width (W)	Weight, g	Limiting Speed, RPM	Static Load, kN at 100°C	Static Load, kN at 20°C
6200 BSS ZZ NSF H1	10	30	9	30	16640	2,08	2,08
6201 BSS ZZ NSF H1	12	32	10	37	15360	2,48	2,48
6202 BSS ZZ NSF H1	15	35	11	45	12800	3,00	3,00
6203 BSS ZZ NSF H1	17	40	12	65	11520	3,80	3,80
6204 BSS ZZ NSF H1	20	47	14	110	10240	5,24	5,24
6205 BSS ZZ NSF H1	25	52	15	130	8960	6,40	6,40
6206 BSS ZZ NSF H1	30	62	16	200	7040	8,96	8,96
6207 BSS ZZ NSF H1	35	72	17	290	6080	12,24	12,24
6208 BSS ZZ NSF H1	40	80	18	370	5440	14,40	14,40
6209 BSS ZZ NSF H1	45	85	19	410	5120	16,32	16,32
6210 BSS ZZ NSF H1	50	90	20	460	4800	19,20	19,20
6211 BSS ZZ NSF H1	55	100	21	610	4288	23,20	23,20
6212 BSS ZZ NSF H1	60	110	22	780	3840	28,80	28,80
6213 BSS ZZ NSF H1	65	120	23	990	3392	33,20	33,20
6214 BSS ZZ NSF H1	70	125	24	1040	3200	35,20	35,20
6215 BSS ZZ NSF H1	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-lifetime.

BSS ZZ NSF H1 (6300 Serie)

Ball Bearings in Stainless Steel (magnetic)



OPERATING RANGE: $-20^{\circ} / 100^{\circ}\text{C}$

ECONOMIC OPERATING RANGE: $-20^{\circ} / 100^{\circ}\text{C}$

Designation	Bore (B)	Diam (D)	Width (W)	Weight, g	Limiting Speed, RPM	Static Load, kN at 100°C	Static Load, kN at 20°C
6300 BSS ZZ NSF H1	10	35	11	52	14080	2,76	2,76
6301 BSS ZZ NSF H1	12	37	12	60	12800	3,32	3,32
6302 BSS ZZ NSF H1	15	42	13	80	11520	4,32	4,32
6303 BSS ZZ NSF H1	17	47	14	120	10240	5,54	5,54
6304 BSS ZZ NSF H1	20	52	15	140	8960	6,80	6,80
6305 BSS ZZ NSF H1	25	62	17	225	7040	9,12	9,12
6306 BSS ZZ NSF H1	30	72	19	350	6080	13,0	13,0
6307 BSS ZZ NSF H1	35	80	21	450	5440	15,2	15,2
6308 BSS ZZ NSF H1	40	90	23	620	4800	20,0	20,0
6309 BSS ZZ NSF H1	45	100	25	830	4288	25,6	25,6
6310 BSS ZZ NSF H1	50	110	27	1050	3840	30,4	30,4
6311 BSS ZZ NSF H1	55	120	29	1350	3392	38,0	38,0
6312 BSS ZZ NSF H1	60	130	31	1700	3200	41,6	41,6
6313 BSS ZZ NSF H1	65	140	33	2100	2880	48,0	48,0
6314 BSS ZZ NSF H1	70	150	35	2500	2752	56,2	56,2
6315 BSS ZZ NSF H1	75	160	37	3000	2560	61,2	61,2

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

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