

Stainless Steel Single Row Deep Groove Ball Bearings MÄDLER®, Inner Diameter 3 - 15 mm

Material: Stainless steel AISI 420C. Up to inner Ø 9mm lubricated with special grease SRL, for precision devices. From inner Ø 10mm lubricated with grease FM 222 for food processing machinery, with FDA, CIFA, KPF2K-20, NSF H1 registration.



- Stainless ball bearings in high quality, in common design.
- Usable for high speed.
- On choice: With friction-free metal shields ZZ (= ZZ) or with contacting, blue NBR rubber seals 2RS.

Temperature range: -20°C to +90°C (for short time up to +110°C).

Clearance: CN, normal bearing play. **Other types on request.**



Ordering Details: e.g.: Product No. SS-623-ZZ-MAE, Stainless Ball Bearing

Product No. Stainless	Main dimensions			Version	Lubricate	Load rating radial		Speed limit min ⁻¹	Weight g
	d mm	D mm	B mm			dyn.C kN	stat.C ₀ kN		
SS-623-ZZ-MAE	3	10	4	shielded on both sides	SRL	0,4	0,1	47.000	1,7
SS-623-2RS-MAE	3	10	4	sealed on both sides	SRL	0,4	0,1	23.000	1,7
SS-604-ZZ-MAE	4	12	4	shielded on both sides	SRL	0,6	0,1	45.000	2,3
SS-604-2RS-MAE	4	12	4	sealed on both sides	SRL	0,6	0,1	22.000	2,3
SS-624-ZZ-MAE	4	13	5	shielded on both sides	SRL	1,0	0,2	38.000	3
SS-624-2RS-MAE	4	13	5	sealed on both sides	SRL	1,0	0,2	19.000	3
SS-685-ZZ-MAE	5	11	5	shielded on both sides	SRL	0,4	0,1	42.000	2
SS-685-2RS-MAE	5	11	5	sealed on both sides	SRL	0,4	0,1	21.000	2
SS-605-ZZ-MAE	5	14	5	shielded on both sides	SRL	1,0	0,3	38.000	3,5
SS-605-2RS-MAE	5	14	5	sealed on both sides	SRL	1,0	0,3	19.000	3,5
SS-625-ZZ-MAE	5	16	5	shielded on both sides	SRL	1,3	0,3	34.000	4,9
SS-625-2RS-MAE	5	16	5	sealed on both sides	SRL	1,3	0,3	17.000	4,9
SS-686-ZZ-MAE	6	13	5	shielded on both sides	SRL	0,7	0,2	38.000	3
SS-686-2RS-MAE	6	13	5	sealed on both sides	SRL	0,7	0,2	19.000	3
SS-696-ZZ-MAE	6	15	5	shielded on both sides	SRL	1,0	0,3	38.000	4,3
SS-696-2RS-MAE	6	15	5	sealed on both sides	SRL	1,0	0,3	19.000	4,3
SS-606-ZZ-MAE	6	17	6	shielded on both sides	SRL	1,7	0,5	36.000	6,6
SS-606-2RS-MAE	6	17	6	sealed on both sides	SRL	1,7	0,5	18.000	6,6
SS-626-ZZ-MAE	6	19	6	shielded on both sides	SRL	1,8	0,5	30.000	7,9
SS-626-2RS-MAE	6	19	6	sealed on both sides	SRL	1,8	0,5	15.000	7,9
SS-687-ZZ-MAE	7	14	5	shielded on both sides	SRL	0,8	0,3	38.000	3,4
SS-687-2RS-MAE	7	14	5	sealed on both sides	SRL	0,8	0,3	19.000	3,4
SS-607-ZZ-MAE	7	19	6	shielded on both sides	SRL	1,8	0,5	34.000	7,5
SS-607-2RS-MAE	7	19	6	sealed on both sides	SRL	1,8	0,5	17.000	7,5
SS-627-ZZ-MAE	7	22	7	shielded on both sides	SRL	2,5	0,1	28.000	12,9
SS-627-2RS-MAE	7	22	7	sealed on both sides	SRL	2,5	0,1	14.000	12,9
SS-688-ZZ-MAE	8	16	5	shielded on both sides	SRL	0,9	0,3	34.000	4,5
SS-688-2RS-MAE	8	16	5	sealed on both sides	SRL	0,9	0,3	17.000	4,5
SS-698-ZZ-MAE	8	19	6	shielded on both sides	SRL	1,7	0,6	34.000	8,3
SS-698-2RS-MAE	8	19	6	sealed on both sides	SRL	1,7	0,6	17.000	8,3
SS-608-ZZ-MAE	8	22	7	shielded on both sides	SRL	2,5	0,9	32.000	12,2
SS-608-2RS-MAE	8	22	7	sealed on both sides	SRL	2,5	0,9	16.000	12,2
SS-609-ZZ-MAE	9	24	7	shielded on both sides	SRL	2,6	1,0	30.000	14,7
SS-609-2RS-MAE	9	24	7	sealed on both sides	SRL	2,6	1,0	15.000	14,7
SS-629-ZZ-MAE	9	26	8	shielded on both sides	SRL	3,6	1,4	26.000	19,3
SS-629-2RS-MAE	9	26	8	sealed on both sides	SRL	3,6	1,4	13.000	19,3
SS-61800-2RS-MAE	10	19	5	sealed on both sides	FM 222	1,5	0,7	22.000	5
SS-61900-2RS-MAE	10	22	6	sealed on both sides	FM 222	2,2	1,0	19.000	10
SS-6000-ZZ-MAE	10	26	8	shielded on both sides	FM 222	3,6	1,4	29.000	19
SS-6000-2RS-MAE	10	26	8	sealed on both sides	FM 222	3,6	1,4	14.000	19
SS-6200-ZZ-MAE	10	30	9	shielded on both sides	FM 222	4,0	1,8	22.000	32
SS-6200-2RS-MAE	10	30	9	sealed on both sides	FM 222	4,0	1,8	11.000	32
SS-6300-2RS-MAE	10	35	11	sealed on both sides	FM 222	7,4	3,1	13.000	53
SS-61801-ZZ-MAE	12	21	5	shielded on both sides	FM 222	1,5	0,8	18.500	6
SS-61801-2RS-MAE	12	21	5	sealed on both sides	FM 222	1,5	0,8	18.500	6
SS-61901-2RS-MAE	12	24	6	sealed on both sides	FM 222	2,3	1,2	17.500	11
SS-6001-ZZ-MAE	12	28	8	shielded on both sides	FM 222	4,0	1,8	25.000	22
SS-6001-2RS-MAE	12	28	8	sealed on both sides	FM 222	4,0	1,8	12.000	22
SS-6201-ZZ-MAE	12	32	10	shielded on both sides	FM 222	5,4	2,2	20.000	37
SS-6201-2RS-MAE	12	32	10	sealed on both sides	FM 222	5,4	2,2	10.000	37
SS-6301-2RS-MAE	12	37	12	sealed on both sides	FM 222	8,7	3,8	12.000	60
SS-61802-2RS-MAE	15	24	5	sealed on both sides	FM 222	1,7	1,0	15.000	7
SS-61902-ZZ-MAE	15	28	7	shielded on both sides	FM 222	3,3	1,6	14.500	17
SS-61902-2RS-MAE	15	28	7	sealed on both sides	FM 222	3,3	1,6	14.500	17
SS-6002-ZZ-MAE	15	32	9	shielded on both sides	FM 222	4,4	2,0	21.000	30
SS-6002-2RS-MAE	15	32	9	sealed on both sides	FM 222	4,4	2,0	10.000	30
SS-6202-ZZ-MAE	15	35	11	shielded on both sides	FM 222	6,0	2,8	19.000	45
SS-6202-2RS-MAE	15	35	11	sealed on both sides	FM 222	6,0	2,8	9.000	45

Stainless Steel Single Row Deep Groove Ball Bearings MÄDLER®, Inner Diameter 17 - 45 mm

Material: Stainless steel AISI 420C. Up to inner Ø 9mm lubricated with special grease SRL, for precision devices. From inner Ø 10mm lubricated with grease FM 222 for food processing machinery, with FDA, CIFA, KPF2K-20, NSF H1 registration.



- Stainless ball bearings in high quality, in common design.
- Usable for high speed.
- On choice: With friction-free metal shields ZZ (= ZZ) or with contacting, blue NBR rubber seals 2RS.

Temperature range: -20°C to +90°C (for short time up to +110°C).

Clearance: CN, normal bearing play. **Other types on request.**



Ordering Details: e.g.: Product No. SS-61803-2RS-MAE, Stainless Ball Bearing

Product No. Stainless	Main dimensions			Version	Lubricate	Load rating radial		Speed limit min ⁻¹	Weight g
	d mm	D mm	B mm			dyn.C kN	stat.C ₀ kN		
SS-61803-2RS-MAE	17	26	5	sealed on both sides	FM 222	1,8	1,1	13.000	8
SS-61903-2RS-MAE	17	30	7	sealed on both sides	FM 222	3,7	2,1	12.000	18
SS-6003-ZZ-MAE	17	35	10	shielded on both sides	FM 222	4,7	2,4	19.000	39
SS-6003-2RS-MAE	17	35	10	sealed on both sides	FM 222	4,7	2,4	9.000	39
SS-6203-ZZ-MAE	17	40	12	shielded on both sides	FM 222	7,6	3,6	16.000	65
SS-6203-2RS-MAE	17	40	12	sealed on both sides	FM 222	7,6	3,6	8.000	65
SS-61804-2RS-MAE	20	32	7	sealed on both sides	FM 222	2,8	1,8	11.200	18
SS-61904-2RS-MAE	20	37	9	sealed on both sides	FM 222	5,1	3,0	10.500	36
SS-6004-ZZ-MAE	20	42	12	shielded on both sides	FM 222	7,5	3,8	16.000	69
SS-6004-2RS-MAE	20	42	12	sealed on both sides	FM 222	7,5	3,8	8.000	69
SS-6204-ZZ-MAE	20	47	14	shielded on both sides	FM 222	10,3	5,0	14.000	110
SS-6204-2RS-MAE	20	47	14	sealed on both sides	FM 222	10,3	5,0	7.000	110
SS-6304-2RS-MAE	20	52	15	sealed on both sides	FM 222	14,3	7,1	8.000	144
SS-61805-ZZ-MAE	25	37	7	shielded on both sides	FM 222	3,4	2,1	8.500	22
SS-61805-2RS-MAE	25	37	7	sealed on both sides	FM 222	3,4	2,1	8.500	22
SS-61905-2RS-MAE	25	42	9	sealed on both sides	FM 222	5,6	3,6	8.400	41
SS-6005-ZZ-MAE	25	47	12	shielded on both sides	FM 222	8,0	4,3	14.000	80
SS-6005-2RS-MAE	25	47	12	sealed on both sides	FM 222	8,0	4,3	7.000	80
SS-6205-ZZ-MAE	25	52	15	shielded on both sides	FM 222	11,3	6,9	12.000	130
SS-6205-2RS-MAE	25	52	15	sealed on both sides	FM 222	11,3	6,9	6.000	130
SS-6305-2RS-MAE	25	62	17	sealed on both sides	FM 222	19,0	9,8	6.500	232
SS-61806-2RS-MAE	30	42	7	sealed on both sides	FM 222	3,5	2,3	7.500	26
SS-61906-2RS-MAE	30	47	9	sealed on both sides	FM 222	5,8	4,0	7.200	45
SS-6006-ZZ-MAE	30	55	13	shielded on both sides	FM 222	10,6	6,2	12.000	120
SS-6006-2RS-MAE	30	55	13	sealed on both sides	FM 222	10,6	6,2	6.000	120
SS-6206-ZZ-MAE	30	62	16	shielded on both sides	FM 222	15,6	8,5	10.000	200
SS-6206-2RS-MAE	30	62	16	sealed on both sides	FM 222	15,6	8,5	5.000	200
SS-61807-2RS-MAE	35	47	7	sealed on both sides	FM 222	3,2	2,6	6.500	30
SS-61907-2RS-MAE	35	55	10	sealed on both sides	FM 222	9,0	6,0	6.200	73
SS-6007-ZZ-MAE	35	62	14	shielded on both sides	FM 222	14,4	9,3	5.000	155
SS-6007-2RS-MAE	35	62	14	sealed on both sides	FM 222	14,4	9,3	5.000	155
SS-6207-2RS-MAE	35	72	17	sealed on both sides	FM 222	23,0	13,8	5.000	288
SS-61808-2RS-MAE	40	52	7	sealed on both sides	FM 222	3,6	3,2	5.500	33
SS-61908-2RS-MAE	40	62	12	sealed on both sides	FM 222	11,7	8,2	5.200	112
SS-6008-2RS-MAE	40	68	15	sealed on both sides	FM 222	15,1	10,3	4.800	192
SS-6208-2RS-MAE	40	80	18	sealed on both sides	FM 222	26,2	16,0	4.500	366
SS-61809-2RS-MAE	45	58	7	sealed on both sides	FM 222	3,9	3,8	7.500	40
SS-61909-2RS-MAE	45	68	12	sealed on both sides	FM 222	12,1	10,8	6.000	132
SS-6009-2RS-MAE	45	75	16	sealed on both sides	FM 222	20,8	14,6	4.480	245
SS-6209-2RS-MAE	45	85	19	sealed on both sides	FM 222	29,4	18,1	4.240	407