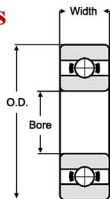


## Metric Stainless Steel Miniature Series

Corrosion resistant miniature bearings for radial loads and moderate thrust loads in both directions



STAINLESS STEEL AISI440C / SS316 / SS420

Dimensions in mm unless otherwise specified

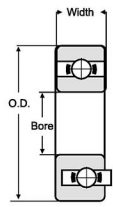
Bore	O.D.	Open Bearing		Shielded & Sealed Bearing			Max Load (kgf)		Rpm ** (x1000)
		Width	CLI Bearing No.	Width	CLI Shielded Bearing No.	CLI Sealed * Bearing No. **	Dyn	Stat	
0.6	2.5	1.0	S68/0.6				5	1	160
1	3	1.0	S681				8	2	150
	3	1.5	SMR31				8	2	150
	4	1.6	S691				11	3	120
1.2	4	1.8	SMR41X	2.5	SMR41XZZ		9	2	130
1.5	4	1.2	S681X	2.0	S681XZZ		9	2	115
	5	2.0	S691X	2.6	S691XZZ		19	6	100
	6	2.5	S601X	3.0	S601XZZ		28	8	90
2	4	1.2	S672	2.0	S672ZZ		10	3	104
	5	1.5	S682	2.3	S682ZZ		15	4	100
	5	2.0	SMR52	2.5	SMR52ZZ		15	4	100
	6			2.3	S692ZZW23		27	8	75
	6	2.3	S692	3.0	S692ZZ		27	8	90
	6	2.5	SMR62	2.5	SMR62ZZ		27	8	90
	7	2.5	SMR72	3.0	SMR72ZZ		32	10	75
2.5	7	2.8	S602	3.5	S602ZZ		32	10	71
	6	1.8	S682X	2.6	S682XZZ		18	6	80
	7	2.5	S692X	3.5	S692XZZ		33	11	75
	8	2.5	SMR82X				48	14	69
	8			2.8	S602XZZW28		48	14	59
	8	2.8	S602X	4.0	S602XZZ		48	14	69

\* Some types may be available with non-contact seals or PTFE seals. The color of bearing rubber seals may vary.

\*\* Reduce RPM for 2RS types.

# Metric Stainless Steel Miniature Series

Corrosion resistant miniature bearings for radial loads and moderate thrust loads in both directions



**STAINLESS STEEL AISI440C / SS316 / SS420**

*Dimensions in mm unless otherwise specified*

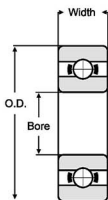
Bore	O.D.	Open Bearing		Shielded & Sealed Bearing			Max Load (kgf)		Rpm ** (x1000)
		Width	CLI Bearing No.	Width	CLI Shielded Bearing No.	CLI Sealed * Bearing No. **	Dyn	Stat	
3	6	2.0	SMR63	2.5	SMR63ZZ		18	6	80
	6			3.0	SMR63ZZW3		18	6	71
	7	2.0	S683	3.0	S683ZZ	S683-2RS	26	9	75
	8	2.5	SMR83	3.0	SMR83ZZ		34	11	67
	8	3.0	S693	4.0	S693ZZ	S693-2RS	46	14	67
	9	2.5	SMR93	4.0	SMR93ZZ		48	15	67
	9	3.0	S603	5.0	S603ZZ		48	15	67
	10	4.0	S623	4.0	S623ZZ	S623-2RS	52	18	60
	13	5.0	S633	5.0	S633ZZ	S633-2RS	110	42	45
4	7	2.0	SMR74	2.5	SMR74ZZ		25	9	67
	8	2.0	SMR84	3.0	SMR84ZZ	SMR84-2RS	31	11	67
	9			3.5	S684ZZW35		52	18	55
	9	2.5	S684	4.0	S684ZZ	S684-2RS	52	18	62
	10	3.0	SMR104	4.0	SMR104ZZ	SMR104-2RS	60	23	54
	11	4.0	S694	4.0	S694ZZ	S694-2RS	81	29	54
	12	4.0	S604	4.0	S604ZZ	S604-2RS	81	29	54
	13	5.0	S624	5.0	S624ZZ	S624-2RS	108	40	50
	16	5.0	S634	5.0	S634ZZ	S634-2RS	111	42	41

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# Metric Stainless Steel Miniature Series

Corrosion resistant miniature bearings for radial loads and moderate thrust loads in both directions



**STAINLESS STEEL AISI440C / SS316 / SS420**

Dimensions in mm unless otherwise specified

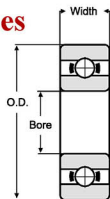
Bore	O.D.	Open Bearing		Shielded & Sealed Bearing			Max Load (kgf)		Rpm ** (x1000)
		Width	CLI Bearing No.	Width	CLI Shielded Bearing No.	CLI Sealed * Bearing No. **	Dyn	Stat	
5	8	2.0	SMR85	2.5	SMR85ZZ		23	8	63
	8			3.0	SMR85ZZW3		23	8	53
	9	2.5	SMR95	3.0	SMR95ZZ		36	13	60
	10	3.0	SMR105	4.0	SMR105ZZ	SMR105-2RS	36	13	60
	11			4.0	SMR115ZZ	SMR115-2RS	61	23	54
	11	3.0	S685	5.0	S685ZZ	S685-2RS	61	23	54
	13	4.0	S695	4.0	S695ZZ	S695-2RS	87	33	48
	13			5.0	S695ZZW5	S695-2RSW5	87	33	42
	14	5.0	S605	5.0	S605ZZ	S605-2RS	110	41	48
	16	5.0	S625	5.0	S625ZZ	S625-2RS	142	54	43
19	6.0	S635	6.0	S635ZZ	S635-2RS	198	72	38	
6	10	2.5	SMR106	3.0	SMR106ZZ	SMR106-2RS	41	16	52
	12	3.0	SMR126	4.0	SMR126ZZ	SMR126-2RS	59	23	49
	13			4.5	S686ZZW45	S686-2RSW45	87	33	42
	13	3.5	S686	5.0	S686ZZ	S686-2RS	87	33	49
	15	5.0	S696	5.0	S696ZZ	S696-2RS	114	42	45
	16			5.0	S696AZZ	S696A-2RS	114	42	40
	17	6.0	S606	6.0	S606ZZ	S606-2RS	192	67	45
	19	6.0	S626	6.0	S626ZZ	S626-2RS	197	71	40
22	7.0	S636	7.0	S636ZZ	S636-2RS	279	111	35	

\* Some types may be available with non-contact seals or PTFE seals. The color of bearing rubber seals may vary.

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# Metric Stainless Steel Miniature Series

Corrosion resistant miniature bearings for radial loads and moderate thrust loads in both directions



**STAINLESS STEEL AISI440C / SS316 / SS420**

Dimensions in mm unless otherwise specified

Bore	O.D.	Open Bearing		Shielded and Sealed Bearing			Max Load (kgf)		Rpm ** (x1000)
		Width	CLI Bearing No.	Width	CLI Shielded Bearing No.	CLI Sealed * Bearing No.	Dyn	Stat	
7	11	2.5	SMR117	3.0	SMR117ZZ		37	16	50
	13	3.0	SMR137	4.0	SMR137ZZ		46	21	48
	14	3.5	S687	5.0	S687ZZ	S687-2RS	98	41	50
	17	5.0	S697	5.0	S697ZZ	S697-2RS	136	57	43
	19	6.0	S607	6.0	S607ZZ	S607-2RS	193	69	43
	22	7.0	S627	7.0	S627ZZ	S627-2RS	278	109	36
8	12	2.5	SMR128	3.5	SMR128ZZ	SMR128-2RS	46	21	48
	14	3.5	SMR148	4.0	SMR148ZZ	SMR148-2RS	68	30	45
	16			4.0	S688ZZW4	S688-2RSW4	105	47	36
	16	4.0	S688	5.0	S688ZZ	S688-2RS	105	47	43
	16			6.0	S688ZZW6	S688-2RSW6	105	47	36
	19	6.0	S698	6.0	S698ZZ	S698-2RS	188	71	43
	22	7.0	S608	7.0	S608ZZ	S608-2RS	278	109	39
	24	8.0	S628	8.0	S628ZZ	S628-2RS	281	111	34
9	14	3.0	S679	4.5	S679ZZ		79	38	42
	17	4.0	S689	5.0	S689ZZ	S689-2RS	112	54	43
	17			6.0	S689ZZW6	S689-2RSW6	112	54	36
	20	6.0	S699	6.0	S699ZZ	S699-2RS	209	84	40
	24	7.0	S609	7.0	S609ZZ	S609-2RS	288	115	38
	26	8.0	S629	8.0	S629ZZ	S629-2RS	388	158	34

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\*\* Reduce RPM for 2RS types.