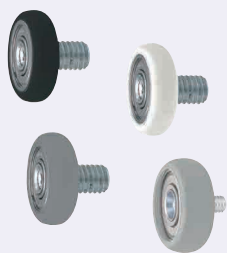


Silicon Rubber / Urethane Molded Bearings

Threaded Arc

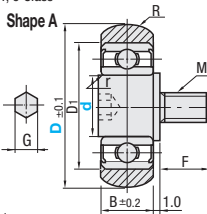


Urethane (white) may turn yellow over time.

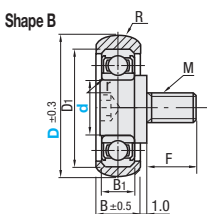
Type		Material	Hardness	Color	Bearing	Shaft		
R Type						Material	Surface Treatment	
Standard Threaded	Long Threaded	Urethane	Shore A90	Black	SUJ2	SUM	Electroless Nickel Plating	
UMBRRH	UMBRT				SUS440C	SUS303	-	
UMBSRRH	-				SUS303	-	-	
UMBWRH	UMBWRT			SUJ2	SUM	Electroless Nickel Plating*1		
UMBSWRH	UMSWRT			SUS440C	SUS303	-		
UMBGRH	-			SUS303	-	-		
UMBGRRH	-		Silicon Rubber	Shore A70	Black	SUJ2	SUM	Electroless Nickel Plating
UMBSRRH	-					SUJ2	SUM	Electroless Nickel Plating*1
UMBSBRH	SUMSBRT					SUJ2	SUM	Electroless Nickel Plating
UMBSWRH	UMSWRT				SUS440C	SUS303	-	
UMBDRH	UMBDRT				SUJ2	SUM	Electroless Nickel Plating	
UMBSDRH	-				SUS440C	SUS303	-	
UMBSDRH	UMBSDRH	Antistatic Urethane (Gray)	Shore A90	Gray	SUJ2	SUM	Electroless Nickel Plating	

Bearing Accuracy JIS B 1514, 0 Class

Shape A



Shape B



*1 Surface treatment is changed from Trivalent Chromate to Electroless Nickel Plating.

No undercutting on threads.

For bearing detailed dimensions, see P989.

Shape A

Part Number	Type	d	D	M (Coarse)	F		Allowable Load N (kgf)			B	D ₁	r (min.)	G	R	Used Bearing
					Standard	Long	Urethane		Silicon						
					Shore A90	Shore A70	Shore A90	Shore A70							
Standard Threaded	Long Threaded	3	12	M3	4	6	34(3.5)	10(1)	9.8(1)	3	7	0.1	1.5	5	W683ZZA
							44(4.5)	13(1.3)	13(1.3)						4
		4	13	M4	5	8	59(6)	16(1.6)	18(1.8)	5	13	0.2	2.5	5	624ZZ
							16(1.6)	16(1.6)	16						0.3
		5	16	M5	8	12	78(8)	20(2)	24(2.4)	6	19	0.2	4	4	625ZZ
							23(2.3)	15	0.2						696ZZ
	6	20	M6	8	12	157(16)	44(4.5)	47(4.8)	7	22	0.3	4	4	626ZZ	
						176(18)	42(4.3)	608ZZ							
	8	28	M8	8	12	176(18)	42(4.3)	47(4.8)	7	22	0.3	4	4	608ZZ	
						176(18)	42(4.3)	47(4.8)							

Only d4 ~ 8 are available for * marked types.

Allowable load is for reference.

Shape B

Part Number	Type	d	D	M (Coarse)	F		Allowable Load N (kgf)			B	D ₁	B ₁	r (min.)	G	R	Used Bearing
					Standard	Long	Urethane		Silicon							
					Shore A90	Shore A70	Shore A90	Shore A70								
Standard Threaded	Long Threaded	8	30	M6	8	12	176(18)	81(8.3)	53(5.4)	11	26	8	0.3	5	15	608ZZ
							94(9.6)	94(9.6)	82(8.4)							30
		10	40	M10	12	20	274(28)	136(13.9)	82(8.4)	12	32	9	0.3	5	15	6200ZZ
							122(12.4)	109(11.1)	103(10.5)							15
		15	45	M15	12	20	343(35)	130(13.3)	103(10.5)	12	37	9	0.3	8	20	6202ZZ
							490(50)	225(22.9)	147(15)							18
	20	55	M20	12	20	750(70)	333(34)	226(23)	19	52	15	10	10	20	6204ZZ	
						750(70)	333(34)	226(23)							19	52
	25	65	M25	12	20	750(70)	333(34)	226(23)	19	52	15	10	10	20	6205ZZ	
						750(70)	333(34)	226(23)								

Allowable load is for reference.

Ordering Example: Part Number - D
SUMBRH20 - 55

Properties of Antistatic Urethane

Item	Unit	UMBDRH - UMBDRT
Specific Volume Resistivity	Ω · cm	2.1 × 10 ⁹
Surface Resistivity	Ω	4.0 × 10 ⁹

Test Conditions (Temperature 30°C / Humidity 60%)

Listed values are not guaranteed values but an example of measured values.



Example Combination of these app. examples can be selected on our website.

e-Catalog Search Keyword #MA482 Search

*Enter the search keyword in the search box on e-Catalog. The search result will be shown in "Modular Assembler" area.

d	D	Unit Price						
		Urethane (Shore A90)		Urethane (Shore A70)		Silicon Rubber (Shore A70)		Antistatic Urethane (Shore A90)
		Steel Bearing	Stainless Steel Bearing	Steel Bearing	Steel Bearing	Stainless Steel Bearing	Steel Bearing	
3	12							
	13							
4	16							
	20							
5	16							
	20							
6	28							
	28							
8	30							
	30							
10	40							
	40							
15	45							
	45							
20	55							
	55							
25	65							
	65							



Details of Selection Procedure P.87