

Silicon Rubber / Urethane Molded Bearings

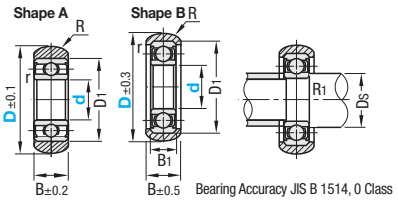
R Type / Hubbed Type

R Type



Urethane (white) may turn yellow over time.

Type Bearing		Material	Hardness	Color
Steel	Stainless Steel	Urethane	Shore A90	Black
UMBBR	UMSBR			White
UMBWR	UMSWR	Silicon Rubber	Shore A70	Light Gray
SUMBBR	-			-



For bearing detailed dimensions, see P.989.

Shape A

Part Number	Type	d	D	Allowable Load N (kgf)		B	D1	r (min.)	R	Relative Dimension		Bearing Used
				Urethane Shore A90	Silicon Shore A70					Ds (min.)(max.)	R1 (max.)	
Urethane UMBBR *UMSBR UMBWR *UMSWR	3	12	34 (3.5)	9.8 (1)	3	7	0.1	5	3.9	4.1	0.1	W683ZZA
												13
		16	59 (6)	18 (1.8)	13	0.2	624ZZ					
							16					78 (8)
	5	20	78 (8)	24 (2.4)	15	0.2		625ZZ				
							20	157 (16)				47 (4.8)
		28	176 (18)	47 (4.8)	7	22						
							28	176 (18)				47 (4.8)

Only d4 ~ 8 are available for * marked types.

Allowable load is for reference.



Ordering Example Part Number - D
UMBBR25 - 65

Shape B

Part Number	Type	d	D	Allowable Load N (kgf)		B	D1	B1	r (min.)	R	Relative Dimension		Bearing Used				
				Urethane Shore A90	Silicon Shore A70						Ds (min.)(max.)	R1 (max.)					
Urethane UMBBR *UMSBR UMBWR *UMSWR	8	30	176(18)	53(5.4)	11	22	7	0.3	15	10	12.2	0.3	608ZZ				
													30	274(18)	82(8.4)	30	30
		40	274(18)	82(8.4)	12	32	0.3	6200ZZ									
								40					343(35)	103(10.5)	15	35	11
	15	45	343(35)	103(10.5)	12	37	9										
								45					490(50)	147(15)	18	47	14
		55	750(70)	226(23)	19	52	15										
								25					65	750(70)	226(23)	19	52

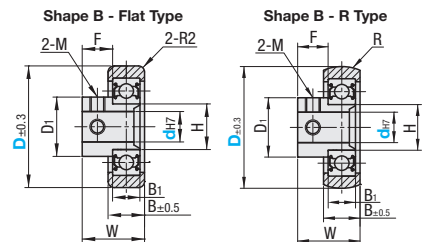
Allowable load is for reference.

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

Hubbed Type



Type	Type Bearing	Material	Hardness	Hub Material	Color
UMBBKBOS	Flat	Steel	Urethane	SUS (Electroless Nickel Plating)	Black
UMBBBOS					
UMBGBOS	R Type	Steel	Urethane	SUS (Electroless Nickel Plating)	Black
UMBLBOS					
UMBBBOSR					



Bearing Accuracy JIS B 1514, 0 Class

For bearing detailed dimensions, see P.989.

Part Number	Type	d	D	Allowable Load N (kgf)				W	B	D1	B1	H	F	M	R	Used Bearing
				Shore A95	Shore A90	Shore A70	Shore A50									
UMBBKBOS	6	30	201(20.5)	176(18)	94(9.6)	51(5.2)	19.5	11	13	8	10					6000ZZ
UMBBBOS	8	40	369(37.6)	274(18)	122(12.4)	96(9.9)	20.5	12	19	9	15	10	4	15	15	6002ZZ
UMBGBOS	10	40														
UMBLBOS	15	45	391(39.9)	343(35)	130(13.3)	98(10.1)	22.5	23	20	20	5	12	5	20	6904ZZ	
UMBBBOSR	20	65	999(101.9)	750(70)	333(34)	250(25.8)	29.0	19	30	15	25			20	6205ZZ	



Ordering Example Part Number - D
UMBBOS6 - 30

d	D	Unit Price				
		Flat				R Type
		Shore A95	Shore A90	Shore A70	Shore A50	Shore A90
		UMBBKBOS	UMBBBOS	UMBGBOS	UMBLBOS	UMBBBOSR
6	30					
8	40					
10	40					
15	45					
20	65					