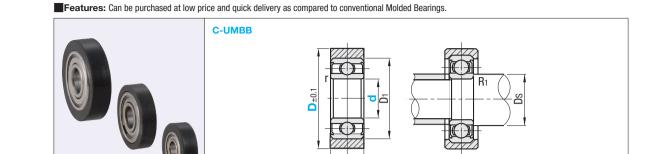
Inner Wheel Protruded

Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

Urethane Press-Fit Bearings



Part Number					_	Relative D	Dimension			
Туре	d	D	В	D ₁	(min)	Ds (min)	R ₁ (max)	Bearing Used	Unit Price	
C-UMBB	4	13	4	9	0.15	5	0.1	684ZZ		
	5	16	4*	13	0.2	6.6	0.2	695ZZ		
	6	20	5	15	0.2	7.6	0.2	696ZZ		

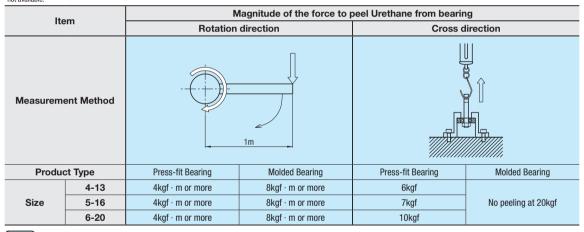
Tor bearing detailed dimensions, see P989

M Material: Polyurethane (Black)

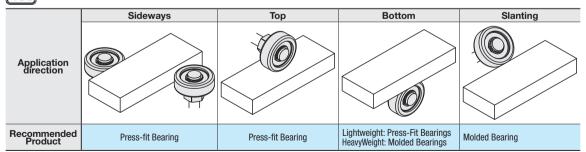
Hardness: Shore A90

Bearing: Steel

*Note that B dimension is different in C-UMBB5-16, and UMBB5-16 that appears on P.1151. In UMBB5-16, B=5. Moreover in C-UMBB5-16, Urethane Molded Bearings Shafts included on P.1155 are also not available.



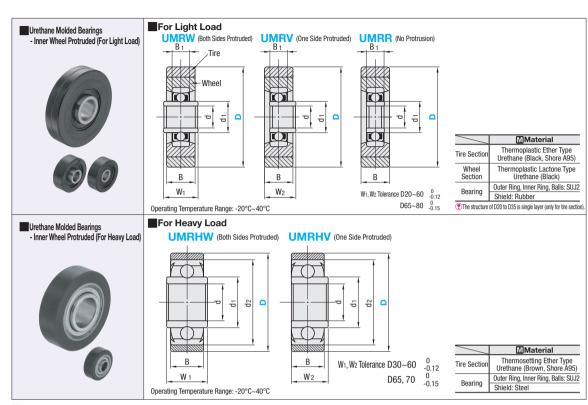




Note that even if it is applied from top, side and bottom, if there is unbalanced load due to mounting accuracy or backlash of work, or when used in high rotation, Urethane of the Press-Fit Bearing may come off.







For Light Load																
Part Number		d	d Tolerance		d ₁	В	B ₁	W ₁	W ₂	Allowable Load N	ble Load N Mass			Unit Price		
Type	D	u	UMRW, UMRV	UMRR	uı	Ь П	ы	441	WV2	(Reference Value)	UMRW	UMRV	UMRR	UMRW	UMRV	UMRR
	20	6	0	0 -0.008	8.6	8	5	11	9.5	55	7	6	5			
UMRW 30	25	O	-0.02		9.3	9	6	12	10.5	79	12	11	10			
	30	8	0 -0.04		12 11	-1-1	7	15	13	108	21	19	17			
	35	0				11				147	24	22	20			
(Both Sides Protruded)	40	10			14	12	8	16	14	196	34	32	30			
1 Tota ducus	45	12			18.3	14	10	18	16	245	60	55	50			
UMRV	50	12		-0.006	(16.8)	14				274	66	61	56			
(One Side Protruded)	55	15	15 17 +0.005 -0.012		21.6	15	11	19	17	314	82	76	70			
LIMBB	60	15			(20.0)					343	90	83	77			
UMRR	65 4-	17			24.6	16	12	20	18	392	120	112	104			
(No Protrusion)	70	17			(23.0)	10	12	20		441	130	121	113			
	75	20		0	29.3 (27.6) 18	14	22	20	510	188	175	164				
	80	20		-0.01		10	14	22	20	589	199	187	176			

For Heavy Load	d													
Part Number		d	d d Tolerance		d ₂	В	W ₁	W ₂	Allowable Load N			Unit Price		
Туре	D	l u	u loierance	d ₁	U2	B	VV 1	VV2	(Reference Value)	UMRHW	UMRHV	UMRHW	UMRHV	
	30	- 8	- 0 - 0.04 - + 0.005 - 0.012	12.0	22	11	15	13	303	24	23			
UMRHW (Both Sides Protruded)	35	٥							347	28	27			
	40	12		18.3	32	14	18	16	474	62	59			
	45	15		21.4	35	15	19	17	579	78	75			
	50	20		25.1	37	16	20	18	660	84	82			
UMRHV	55	20		29.3	47	18	22	20	794	157	151			
(One Side Protruded)	60	20							829	167	162			
	65	25		33.8	52	19	23	21	918	199	191			
	=0	1 25		33.8 32	1 22	1 19			1050	040	000			

Ordering Part Number
Example UMRW40
UMRHV55

- Features kgf=Nx0.101972

 As the bearing inner rings protrude, there is no need to combine stepped chaffe or collars for mounting.
- shafts or collars for mounting. The urethane section is of a tire and wheel layered construction (Except for D20 \sim D35 are single layer). Economical small diameter shafts can be used even for large diameter rollers. The bearings used have special configuration to prevent the urethane from detaching.
- The bearings used have special configuration to prevent the urethane from detaching.
 Though it excels in oil resistance, applying solvents may cause swelling and reduction in strength.

