


The Timken Company

4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Miniature Ball Bearings (600, 610, 620, 630)

Timken's deep groove ball bearings deliver reliable performance in a wide range of applications and conditions. With super-finished raceways and controlled geometries, our premium design helps ensure consistent quality.



1 2 3 4 5 »

Part Number	Bore Size d	Features	Bearing Type	Outside Diameter D	Outside Ring Width B	Cr - Dynamic Load Rating	C0r - Static Load Rating	Grease Limiting Speed	Oil Limiting Speed	C
619/4-2RS	4 mm	Contact Seals	Standard DGBB	11 mm	4 mm	1000 N	350 N	57000 rpm	67000 rpm	C
619/4-2RZ	4 mm	Non-Contact Seals	Standard DGBB	11 mm	4 mm	1000 N	350 N	57000 rpm	67000 rpm	C
604	4 mm	Open	Standard DGBB	12 mm	4 mm	1000 N	350 N	57000 rpm	67000 rpm	C
604-ZZ	4 mm	Shields	Standard DGBB	12 mm	4 mm	1000 N	350 N	57000 rpm	67000 rpm	C
604-2RS	4 mm	Contact Seals	Standard DGBB	12 mm	4 mm	1000 N	350 N	57000 rpm	67000 rpm	C

Part Number	Bore Size d	Features	Bearing Type	Outside Diameter D	Outside Ring Width B	Cr - Dynamic Load Rating	C0r - Static Load Rating	Grease Limiting Speed	Oil Limiting Speed	C
 2RZ	4 mm	Non-Contact Seals	Standard DGBB	12 mm	4 mm	1000 N	350 N	57000 rpm	67000 rpm	
624	4 mm	Open	Standard DGBB	13 mm	5 mm	1300 N	490 N	51000 rpm	60000 rpm	
624-ZZ	4 mm	Shields	Standard DGBB	13 mm	5 mm	1300 N	490 N	51000 rpm	60000 rpm	
624-2RS	4 mm	Contact Seals	Standard DGBB	13 mm	5 mm	1300 N	490 N	51000 rpm	60000 rpm	
624-2RZ	4 mm	Non-Contact Seals	Standard DGBB	13 mm	5 mm	1300 N	490 N	51000 rpm	60000 rpm	
634	4 mm	Open	Standard DGBB	16 mm	5 mm	1300 N	520 N	46000 rpm	54000 rpm	
634-ZZ	4 mm	Shields	Standard DGBB	16 mm	5 mm	1300 N	520 N	46000 rpm	54000 rpm	
634-2RS	4 mm	Contact Seals	Standard DGBB	16 mm	5 mm	1300 N	520 N	46000 rpm	54000 rpm	
634-2RZ	4 mm	Non-Contact Seals	Standard DGBB	16 mm	5 mm	1300 N	520 N	46000 rpm	54000 rpm	
618/5	5 mm	Open	Standard DGBB	11 mm	3 mm	720 N	280 N	54000 rpm	64000 rpm	
618/5-ZZ	5 mm	Shields	Standard DGBB	11 mm	3 mm	720 N	280 N	54000 rpm	64000 rpm	
618/5-2RS	5 mm	Contact Seals	Standard DGBB	11 mm	3 mm	720 N	280 N	54000 rpm	64000 rpm	
618/5-2RZ	5 mm	Non-Contact Seals	Standard DGBB	11 mm	3 mm	720 N	280 N	54000 rpm	64000 rpm	

Part Number	Bore Size d	Features	Bearing Type	Outside Diameter D	Outside Ring Width B	Cr - Dynamic Load Rating	C0r - Static Load Rating	Grease Limiting Speed	Oil Limiting Speed	C
619/5	5 mm	Open	Standard DGBB	13 mm	4 mm	1100 N	430 N	50000 rpm	59000 rpm	
619/5-ZZ	5 mm	Shields	Standard DGBB	13 mm	4 mm	1100 N	430 N	50000 rpm	59000 rpm	
619/5-2RS	5 mm	Contact Seals	Standard DGBB	13 mm	4 mm	1100 N	430 N	50000 rpm	59000 rpm	
619/5-2RZ	5 mm	Non-Contact Seals	Standard DGBB	13 mm	4 mm	1100 N	430 N	50000 rpm	59000 rpm	
605	5 mm	Open	Standard DGBB	14 mm	5 mm	1300 N	510 N	48000 rpm	56000 rpm	
605-ZZ	5 mm	Shields	Standard DGBB	14 mm	5 mm	1300 N	510 N	48000 rpm	56000 rpm	
605-2RS	5 mm	Contact Seals	Standard DGBB	14 mm	5 mm	1300 N	510 N	48000 rpm	56000 rpm	