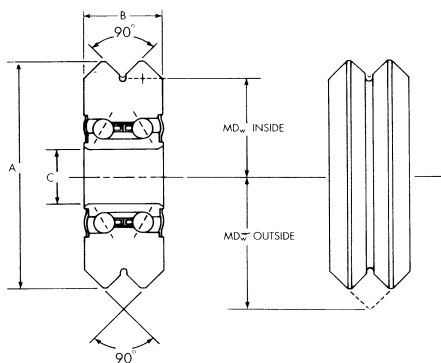
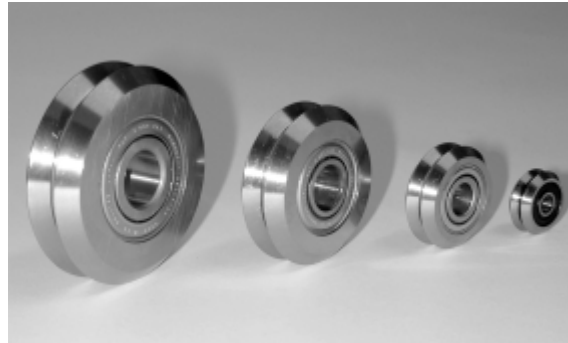


ROLLER BEARING GUIDE WHEELS - suitable for 90° Slideways

These guide wheels are precision ground, double row angular contact ball bearings, which are pre-lubricated and sealed. Since the circumference of the wheel is greater at the major diameter than the minor diameter, there is a constant wiping action on the track which gives a self cleaning effect.



Specifications:
 Ground, double row, angular contact ball bearings,
 ABEC-1, pre-lubricated, external surfaces, lightly oiled.
 SAE 52100 steel, hardened 60-62 Rockwell C, sealed.
 Stainless Steel versions also available, add "SS" to part number

Part No.	Size	Dimensions in inches			Md _w Inside	Md _w Outside	Weight lbs.
		A*	B	C			
W1X	1	.77	.310	.187	5.312	.467	.027
W2X	2	1.21	.437	.375	0.500	.718	.087
W3X	3	1.80	.625	.472	4.750	1.062	.300
W4X	4	2.36	.750	.590	61.00	1.37	5.630

*Reference only

Guide Wheel Capacity:

Part No.	Size	Dynamic radial capacity (lbs.*)				Static Radial Capacity (lbs.)	Moment Capacity (lbs.†*) 33.3rpm
		33.3rpm	100rpm	500rpm	1000rpm		
W1X	1	345	240	140	110	250	38
W2X	2	700	485	285	225	600	80
W3X	3	1330	920	540	430	1000	120
W4X	4	2000	1385	810	645	1560	180

*Ratings are for 2500 hours average life. Additional information on request.

†At rolling radius MDw Inside.

Service Factor:

Divide the load capacity by the following:

F_s = 0.5 for smooth, shock free, well lubricated service.

F_s = 1.0 for normal, lightly lubricated service.

F_s = 2.0 for heavy shock, dry or contaminated service.

Important Note: All sizes are generally in stock.

All dimensions are subject to change without notice.