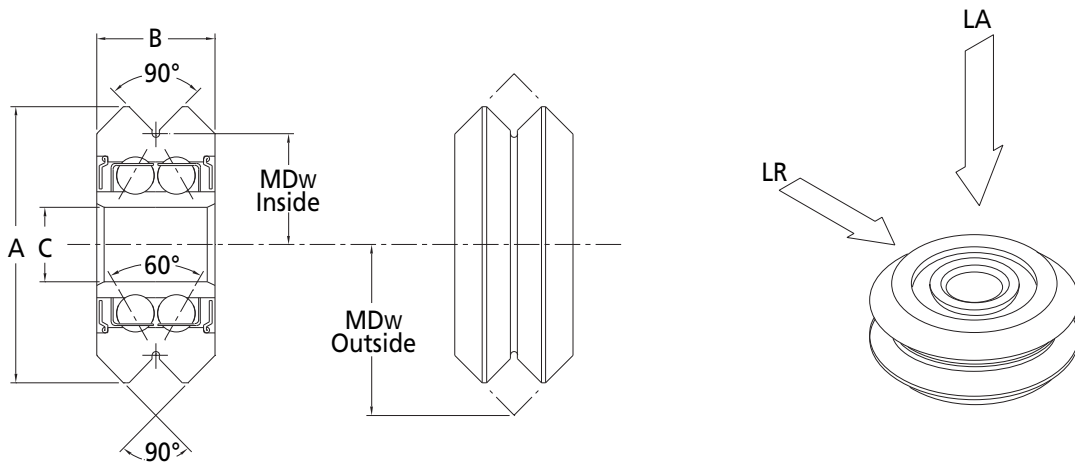


# LINEAR MOTION

## Dual Vee™ Single Edge Slide System

Guide Wheels

**W**  
**W-SSX**



Part Number		Radial Working Load Capacity LRmax (N) <sup>2</sup>	Axial Working Load Capacity LAmax (N) <sup>2</sup>	BDLR* Radial (N)	BSLR* Radial (N)	BDLR* Axial (N)	BSLR* Axial (N)
Steel	Stainless						
W1	W1-SSX	595	252	2180	1110	1090	1040
W2	W2-SSX	1431	625	4700	2780	2380	2630
W3	W3-SSX	3074	1701	9150	5050	4500	4800
W4	W4-SSX	4704	4001	12800	7900	6350	7450

Part Number		Outside Diameter A	Width B	Bore Size C	Inside Vee Radius MDw Inside	Outside Vee Radius MDw Outside	Price Each	
Steel	Stainless						Steel	Stainless
W1	W1-SSX	19.58	7.87	4.76	7.95	11.89	£55.11	£93.25
W2	W2-SSX	30.73	11.13	9.53	12.70	18.26	£62.38	£104.31
W3	W3-SSX	45.80	15.88	12.00	19.05	27.00	£82.44	£151.08
W4	W4-SSX	59.94	19.05	15.00	25.40	34.93	£105.04	£178.66

\* Note: The BDLR (Basic Dynamic Load Rating) and BSLR (Basic Static Load Rating) are according to AFBMA STD 9-1990. These ratings are based on industry standard bearing calculations and are for comparison to other products as measured against the same standard. Working load capacities should be used for component sizing and selection.

### Material

**Ball Bearings:** Ground, ABEC-1, pre-lubricated, external surfaces lightly oiled.  
**W:** SAE 52100 Steel, hardened 60-62 Rockwell C, shielded.  
**W SSX:** AISI 440C, hardened 58-60 Rockwell C, sealed.

### Features (Guide Wheels)

- Double row angular contact bearing arrangement.
- Available in 4 different sizes as standard.
- Available in carbon or stainless steel.
- Suitable for clean room and high temperature applications.
- Available shielded or sealed to accommodate the required level of protection.
- Either inside or outside vee surface can be employed to suit loads.
- Re-circulating elements are self-contained and isolated from the environment. Rolling contact between wheel and track sweeps debris aside making Dual Vee™ ideal for use in contaminated applications.

+44 (0)1246 455500  
+44 (0)1246 455522

**ondrives**

sales@ondrives.com  
www.ondrives.com

Product information updated 1st April 2011 and subject to change. Please contact Sales for the latest prices and availability.