

Air Powered Load Moving Equipment to the Material Handling Industry

Round Steel Air Bearing & Module Technical Specifications



Air bearing operating pressure in bar:

Standard bearings - 1 bar

Heavy duty bearings - 2 bar

Module	Bearing	Capacity	Dimensions in Millimetres			Flow - SCFM / LPM		Land Area	Weight in Kilograms	
			Diameter	Height Air Off	Height Air On	Half Load	Full Load		Sq Cm	Module
RS12	12NSG	500	305	63.5	74.0	2 / 57	4 / 114	46	10.5	1.0
RS12-HD	12NSG-HD	1000	305	63.5	74.0	4 / 114	8 / 227	46	10.5	1.0
RS16	16NSG	1000	405	63.5	76.0	3 / 85	5 / 142	127	13.0	1.4
RS16-HD	16NSG-HD	2000	405	63.5	74.0	5 / 142	10 / 283	127	13.0	1.4
RS18	18NSG	1250	460	63.5	79.0	3 / 85	6 / 170	127	16.5	1.8
RS18-HD	18NSG-HD	2500	460	63.5	76.0	6 / 170	12 / 340	127	16.5	1.8
RS22	22NSG	2000	865	63.5	84.0	4 / 114	8 / 227	248	17.5	2.7
RS22-HD	22NSG-HD	4000	865	63.5	89.0	8 / 227	16 / 453	248	17.5	2.7
RS28	28NSG	3000	710	79.0	104.0	5 / 142	9 / 225	294	20.7	4.1
RS28-HD	28NSG-HD	6000	710	79.0	99.0	9 / 225	18 / 510	294	20.7	4.1
RS34	34NSG	5000	865	86.0	117.0	6 / 170	12 / 340	355	74.4	5.0
RS34-HD	34NSG-HD	10000	865	86.0	102.0	12 / 340	24 / 680	355	74.4	5.0
RS40	40NSG	7000	1015	86.0	122.0	8 / 227	15 / 425	413	29.0	6.8
RS-40HD	40NSG-HD	14000	1015	86.0	109.0	15 / 425	30 / 850	413	29.0	6.8
RS44	44NSG	9000	1118	86.0	125.0	9 / 255	17 / 481	445	31.3	8.2
RS44-HD	44NSG-HD	18000	1118	86.0	112.0	17 / 481	34 / 963	445	31.3	8.2
RS4870	4468NDGE	15000	1118 x 1778	102.0	140.0	12 / 340	23 / 651	1110	351.0	11.8
RS4870-HD	4468NDGEHD	30000	1118 x 1778	102.0	140.0	23 / 651	46 / 1303	1110	351.0	11.8

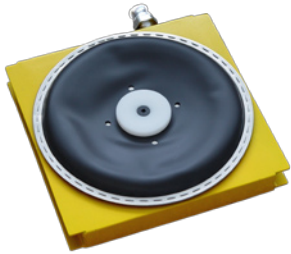
For comprehensive information on air film technology and how air bearings work, check out the manufacturer's web site: www.hovair.com

Contact Your
Local Dealer

Toolern Engineering Supplies Pty Ltd. P.O. Box 249, Melton, Victoria, Australia 3337
Phone: 03 9743 1209 • Fax: 03 9747 0973 • Email: info@toolern.com.au • Web site: www.toolern.com.au

Air Powered Load Moving Equipment to the Material Handling Industry

Square Aluminium Air Bearing & Module Technical Specifications



Air bearing operating pressure in bar:

Standard bearings - 1 bar

Heavy duty bearings - 2 bar

Module	Bearing	Capacity	Dimensions in Millimetres				Flow - SCFM / LPM		Land Area	Weight in Kilograms	
			Type	Kgs	Width	Length	Height Air Off	Height Air On		Half Load	Full Load
SA9	9NSG	300	230	230	51.0	58.5	2 / 57	3 / 85	20	4	0.5
SA9-HD	9NSG-HD	600	230	230	51.0	58.5	3 / 85	6 / 170	20	4	0.5
SA12	12NSG	500	320	320	51.0	61.0	2 / 57	4 / 114	46	10.5	1.0
SA12-HD	12NSG-HD	1000	320	320	51.0	58.5	4 / 114	8 / 227	46	10.5	1.0
SA16	16NSG	1000	427	427	51.0	63.5	3 / 85	5 / 142	127	13.0	1.4
SA16-HD	16NSG-HD	2000	427	427	51.0	61.0	5 / 142	10 / 283	127	13.0	1.4
SA18	18NSG	1250	478	478	51.0	68.6	3 / 85	6 / 170	127	16.5	1.8
SA18-HD	18NSG-HD	2500	478	478	51.0	63.5	6 / 170	12 / 340	127	16.5	1.8
SA22	22NSG	2000	630	610	51.0	71.1	4 / 114	8 / 227	248	17.5	2.7
SA22-HD	22NSG-HD	4000	630	610	51.0	68.6	8 / 227	16 / 453	248	17.5	2.7
SA28	28NSG	3000	770	762	58.5	83.8	5 / 142	9 / 255	294	20.7	4.1
SA28-HD	28NSG-HD	6000	770	762	58.5	73.7	9 / 255	18 / 510	294	20.7	4.1
SA34	34NSG	5000	914	914	58.5	88.9	6 / 170	12 / 340	355	74.4	5.0
SA34-HD	34NSG-HD	10000	914	914	58.5	81.3	12 / 340	24 / 680	355	74.4	5.0
SA40	40NSG	7000	1067	1067	58.5	94.0	8 / 227	15 / 425	413	29.0	6.8
SA-40HD	40NSG-HD	14000	1067	1067	58.5	83.8	15 / 425	30 / 850	413	29.0	6.8
SA44	44NSG	9000	1168	1168	58.5	96.5	9 / 255	17 / 481	445	31.3	8.2
SA44-HD	44NSG-HD	18000	1168	1168	58.5	83.8	17 / 481	34 / 963	445	31.3	8.2
SA4870	4468NDGE	15000	1219	1778	58.5	96.5	12 / 340	23 / 651	1110	351.0	11.8
SA4870-HD	4468NDGEHD	30000	1219	1778	58.5	83.2	23 / 651	46 / 1303	1110	351.0	11.8

For comprehensive information on air film technology and how air bearings work, check out the manufacturer's web site: www.hovair.com

Contact Your
Local Dealer

Toolern Engineering Supplies Pty Ltd. P.O. Box 249, Melton, Victoria, Australia 3337
Phone: 03 9743 1209 • Fax: 03 9747 0973 • Email: info@toolern.com.au • Web site: www.toolern.com.au