

Gap Sensing¹ Flat Circular Air Bearings

Model	Part Number	Performance			Physical Properties					Installation Requirements	
		Load Capacity, lbs[N]	Stiffness, lbs/inch [N/μm]	Flow Rate, scfh [slpm]	Diameter, inches [mm]	Height, inches [mm]	Ball Seat Diameter, inches [mm]	Supply fitting thread, metric [imperial]	Weight, lbs [N]	Rated Supply Pressure, psig [Mpa]	Air Quality
LRAP100	610-22451	24 [106]	128333 [22]	1.3 [0.6]	1.0 [25.4]	0.49 [12.4]	0.236 [6.0]	M3	0.033 [0.1]	80 [0.55]	ISO Class 3 or better
LRAP150	610-22452	67 [295]	187833 [33]	1.8 [0.8]	1.5 [38.1]	0.51 [13.0]	0.394 [10.0]	M3	0.079 [0.3]	80 [0.55]	ISO Class 3 or better
LRAP200	610-22453	106 [466]	361667 [63]	2.1 [1.0]	2.0 [50.8]	0.59 [15.0]	0.394 [10.0]	M5 [10-32]	0.160 [0.7]	80 [0.55]	ISO Class 3 or better
LRAP250	610-22454	200 [880]	536667 [93]	2.8 [1.3]	2.5 [63.5]	0.72 [18.3]	0.394 [10.0]	M5 [10-32]	0.313 [1.4]	80 [0.55]	ISO Class 3 or better
LRAP300	610-22455	300 [1320]	746667 [129]	3.7 [1.8]	3.0 [76.2]	0.78 [19.8]	0.630 [16.0]	M5 [10-32]	0.492 [2.2]	80 [0.55]	ISO Class 3 or better
LRAP350	610-22456	407 [1791]	1020833 [177]	4.0 [1.9]	3.5 [88.9]	0.89 [22.6]	0.630 [16.0]	M5 [10-32]	0.772 [3.4]	80 [0.55]	ISO Class 3 or better
LRAP400	610-22457	533 [2345]	1300000 [225]	4.8 [2.3]	4.0 [101.6]	1.00 [25.4]	0.630 [16.0]	M5 [10-32]	1.144 [5.0]	80 [0.55]	ISO Class 3 or better

See detailed product pages for more specification information.

A majority of the products we sell are specifically custom designed to meet various application requirements. If you do not see exactly what you are looking for within this standard product line, please contact Specialty Components. Our engineers would be glad to help you develop, prototype and manufacture your own design.

