

Flat Circular Vacuum Preloaded Air Bearings

Model	Part Number	Performance				Physical Properties					Installation Requirements	
		Load Capacity, lbs[N]	Stiffness, lbs/inch [N/μm]	Vacuum Holding Force at Rated Vacuum, lbs[N]	Flow Rate, scfh [slpm]	Diameter, inches [mm]	Height, inches [mm]	Ball Seat Diameter, inches [mm]	Air / Vacuum Supply fitting thread, imperial [metric]	Weight, lbs [N]	Rated Supply Pressure, psig [Mpa]	Air Quality
LRAVP200	615-15218	23 [101]	105000 [18]	9 [38]	2.3 [1.1]	2.0 [50.8]	0.7 [17.0]	0.394 [10.0]	M5 [10-32]	0.193 [0.8]	80 [0.55]	ISO Class 3 or better
LRAVP250	615-15219	34 [150]	120000 [21]	16 [68]	2.6 [1.2]	2.5 [63.5]	0.7 [18.0]	0.394 [10.0]	M5 [10-32]	0.321 [1.4]	80 [0.55]	ISO Class 3 or better
LRAVP300	615-15220	51 [224]	235000 [41]	24 [106]	2.9 [1.4]	3.0 [76.2]	0.8 [19.1]	0.630 [16.0]	M5 [10-32]	0.480 [2.1]	80 [0.55]	ISO Class 3 or better
LRAVP350	615-15221	74 [326]	230000 [40]	35 [155]	3.3 [1.6]	3.5 [88.9]	0.8 [20.1]	0.630 [16.0]	M5 [10-32]	0.691 [3.0]	80 [0.55]	ISO Class 3 or better
LRAVP400	615-15222	93 [409]	347000 [60]	48 [213]	3.5 [1.6]	4.0 [101.6]	0.8 [20.8]	0.630 [16.0]	M5 [10-32]	0.939 [4.1]	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.

