

Gap Sensing¹ Flat Rectangular Air Bearings

Model	Part Number	Performance			Physical Properties						Installation Requirements	
		Load Capacity, lbs[N]	Stiffness, lbs/inch [N/ μ m]	Flow Rate, scfh [slpm]	Length, inches [mm]	Width, inches [mm]	Height, inches [mm]	Ball Seat Diameter, inches [mm]	Supply fitting thread, metric [imperial]	Weight, lbs [N]	Supply Pressure, psig [Mpa]	Air Quality
LSAP050100	610-22080	11 [48]	33000 [6]	0.6 [0.3]	0.5 [12.7]	1.0 [25.4]	0.42 [10.7]	0.236 [6.0]	M3	0.019 [0.1]	80 [0.55]	ISO Class 3 or better
LSAP063125	610-22081	19 [84]	100000 [17]	1.5 [0.7]	0.6 [15.9]	1.3 [31.8]	0.42 [10.7]	0.236 [6.0]	M3	0.029 [0.1]	80 [0.55]	ISO Class 3 or better
LSAP075150	610-22082	30 [132]	160000 [28]	1.4 [0.7]	0.8 [19.1]	1.5 [38.1]	0.54 [13.7]	0.236 [6.0]	M3	0.053 [0.2]	80 [0.55]	ISO Class 3 or better
LSAP100200	610-22083	70 [308]	280000 [49]	3.8 [1.8]	1.0 [25.4]	2.0 [50.8]	0.63 [16.0]	0.394 [10.0]	M3	0.112 [0.5]	80 [0.55]	ISO Class 3 or better
LSAP150200	610-22084	105 [462]	200000 [35]	2.8 [1.3]	1.5 [38.1]	2.0 [50.8]	0.67 [17.0]	0.394 [10.0]	M5 [10-32]	0.176 [0.8]	80 [0.55]	ISO Class 3 or better
LSAP150300	610-22085	192 [845]	510000 [88]	5.3 [2.5]	1.5 [38.1]	3.0 [76.2]	0.75 [19.1]	0.394 [10.0]	M5 [10-32]	0.300 [1.3]	80 [0.55]	ISO Class 3 or better
LSAP200300	610-22086	240 [1056]	700000 [121]	3.8 [1.8]	2.0 [50.8]	3.0 [76.2]	0.80 [20.3]	0.630 [16.0]	M5 [10-32]	0.429 [1.9]	80 [0.55]	ISO Class 3 or better
LSAP200400	610-22087	320 [1408]	910000 [158]	6.1 [2.9]	2.0 [50.8]	4.0 [101.6]	0.96 [24.4]	0.630 [16.0]	M5 [10-32]	0.697 [3.1]	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.

