



Rolling Elements: Spherical Roller

Housing: Cast Iron Two and Four Bolt Pillow Block

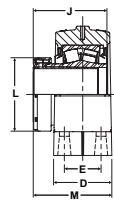
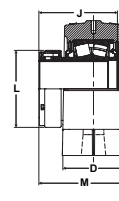
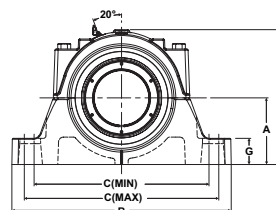
Self Alignment: +/- 2 Degrees

Lock: Adapter

Seal: Felt

Optional Seal: Double Lip Contact

Temperature: -20° to 220° F



Two Bolt Base

Four Bolt Base



Mtd. Spherical Bearings

USRB5500A Series Two and Four-Bolt Base Pillow Blocks - Adapter Mount, SAF Mounting Dimensions

Bore Diameter	Part No.		Basic Dynamic Rating lb/N	Dimensions inch / mm												Unit Wt. lb/kg		
				A	B	C		D	E	G	H	J	L	M *	Bolt Size			
	inch	2 Bolt				4 Bolt	Min.								Max.	2 Bolt	4 Bolt	2 Bolt
1 7/16 1 1/2	USRB5509A-107 USRB5509A-108	-	20368 90597	2 1/4 57.2	8 1/4 209.6	6 1/4 158.8	7 177.8	2 3/16 55.6	-	13/16 20.6	4 3/8 111.1	3 11/32 84.9	2 47/64 69.5	3 35/64 90.1	1/2	-	10.5 4.77	-
1 15/16 2	USRB5511A-115 USRB5511A-200	-	23520 104617	2 3/4 69.9	9 5/8 244.6	7 3/8 187.3	8 1/4 209.6	2 3/4 69.9	-	15/16 23.8	5 1/32 127.8	3 1/2 88.9	3 11/64 80.6	3 29/32 99.2	5/8	-	16.2 7.36	-
2 7/16 2 1/2	USRB5515A-207 USRB5515A-208	USRBF5515A-207 USRBF5515A-208	44691 198786	3 1/4 82.6	11 1/4 285.8	8 5/8 219.1	9 5/8 244.5	3 1/8 79.4	1 7/8 47.6	1 1/8 28.6	6 1/8 155.6	4 5/16 109.5	3 7/16 87.3	4 23/32 119.9	5/8	1/2	26.5 12.04	26.2 11.92
2 15/16 3	USRB5517A-215 USRB5517A-300	USRBF5517A-215 USRBF5517A-300	47447 211044	3 3/4 95.3	13 330.2	9 7/8 250.8	11 279.4	3 1/2 88.9	2 1/8 54.0	1 1/4 31.8	7 1/8 181.0	4 31/64 113.9	4 25/64 111.5	5 1/32 127.8	3/4	5/8	38.4 17.44	38.0 17.26
3 7/16 3 1/2	USRB5520A-307 USRB5520A-308	USRBF5520A-307 USRBF5520A-308	72640 323103	4 1/2 114.3	15 1/4 387.4	11 5/8 295.3	13 1/8 333.4	4 3/8 111.1	2 3/8 60.3	1 3/4 44.5	9 228.6	5 35/64 140.9	5 15/32 138.9	6 15/64 158.4	7/8	3/4	73.4 33.37	72.4 32.92
3 15/16 4	-	USRB5522A-315 USRB5522A-400	96050 427230	4 15/16 125.4	16 1/2 419.1	12 19/32 319.9	14 1/2 368.3	4 3/4 120.7	2 3/4 69.9	2 50.8	9 7/8 250.8	5 15/16 150.8	5 13/16 147.64	6 41/64 168.7	-	3/4	-	88.5 40.23
4 7/16 4 1/2	-	USRB5526A-407 USRB5526A-408	111537 496117	6 152.4	18 3/8 466.7	14 1/2 368.3	16 406.4	5 1/8 130.2	3 1/4 82.6	2 3/8 60.3	11 9/16 293.7	6 27/64 163.1	6 11/32 161.1	7 3/32 180.2	-	7/8	-	127.4 57.89
4 15/16 5	-	USRB5528A-415 USRB5528A-500	158816 706414	6 152.4	19 11/16 500.1	15 5/8 396.9	17 3/8 441.3	5 7/8 149.2	3 3/8 85.7	2 3/8 60.3	12 304.8	7 1/8 181.0	7 13/64 183.0	7 53/64 198.8	-	1	-	159.3 72.41
5 7/16	-	USRB5532A-507	196682 874842	6 11/16 169.9	22 558.8	17 3/8 441.3	19 1/4 489.0	6 1/4 158.8	3 3/4 95.3	2 5/8 66.7	13 1/2 342.9	7 7/8 200.0	7 47/64 196.5	8 19/32 218.3	-	1	-	214.0 97.27
5 15/16	-	USRB5534A-515	261346 1162467	7 1/16 179.4	24 3/4 628.7	19 3/8 492.1	21 5/8 549.3	6 3/4 171.5	4 1/4 108.0	2 3/4 69.9	14 15/16 379.4	8 11/16 220.7	8 1/2 215.9	9 1/4 235.0	-	1	-	287.0 130.45
6 7/16 6 1/2	-	USRB5536A-607 USRB5536A-608	334229 1486651	7 1/2 190.5	26 3/4 679.5	20 7/8 530.2	23 5/8 600.1	7 1/8 181.0	4 5/8 117.5	3 76.2	15 15/16 404.8	9 45/64 246.5	9 11/16 246.1	10 5/32 258.0	-	1	-	357.0 162.27
6 15/16 7	-	USRB5538A-615 USRB5538A-700	334229 1486651	7 7/8 200.0	28 711.2	21 5/8 549.3	24 3/8 619.1	7 1/2 190.5	4 1/2 114.3	3 1/8 79.4	16 9/16 420.7	9 23/32 246.9	9 11/16 246.1	10 11/32 262.7	-	1 1/4	-	405.0 184.09
7 1/2 7 15/16 8	-	USRB5544A-708 USRB5544A-715 USRB5544A-800	363818 1618262	9 1/2 241.3	32 3/4 831.9	24 3/4 628.7	27 7/8 708.0	8 3/4 222.3	5 1/4 133.4	3 3/4 95.3	19 5/8 498.5	10 9/16 268.3	11 7/64 282.2	11 17/32 292.9	-	1 1/2	-	656.0 298.18

*For expansion bearings, this dimension can decrease by the corresponding value in table VIII on page I-69.

Bore diameters up to 3" - grease fitting location at 12:00.

One expansion unit is to be used in conjunction with one non-expansion unit for applications using an adapter lock unit

Failure to utilize one expansion and one non-expansion unit is likely to result in reduced bearing performance.