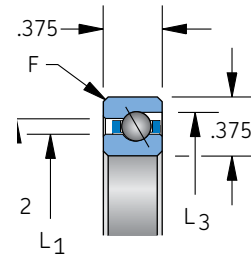


Type A – Open Reali-Slim bearings, angular contact

KC Series											
KAYDON Bearing Number	Dimensions in Inches					Capacities in Pounds ¹					Approx. Wt. in lbs.
	Size		Land Diameters			Dynamic			Static ²		
	Bore	Outside Dia.	L1	L2	C'Bore L3	KAYDON Radial	ISO Radial ³	Thrust	Radial	Thrust	
►KC040ARO	4.000	4.750	4.277	4.473	4.554	1,153	2,520	2,770	2,550	7,360	.44
KC042ARO	4.250	5.000	4.527	4.723	4.804	1,194	2,580	2,880	2,710	7,820	.46
►KC045ARO	4.500	5.250	4.777	4.973	5.052	1,234	2,637	2,990	2,860	8,270	.49
►KC047ARO	4.750	5.500	5.027	5.223	5.302	1,274	2,693	3,100	3,020	8,720	.51
►KC050ARO	5.000	5.750	5.277	5.473	5.552	1,313	2,746	3,200	3,180	9,170	.54
►KC055ARO	5.500	6.250	5.777	5.973	6.052	1,374	2,820	3,370	3,440	9,920	.58
►KC060ARO	6.000	6.750	6.277	6.473	6.550	1,448	2,917	3,580	3,750	10,820	.64
KC065ARO	6.500	7.250	6.777	6.973	7.050	1,519	3,009	3,770	4,060	11,720	.68
►KC070ARO	7.000	7.750	7.277	7.473	7.550	1,575	3,071	3,930	4,320	12,470	.74
KC075ARO	7.500	8.250	7.777	7.973	8.048	1,642	3,156	4,120	4,630	13,380	.78
►KC080ARO	8.000	8.750	8.277	8.473	8.548	1,708	3,236	4,300	4,950	14,280	.84
KC090ARO	9.000	9.750	9.277	9.473	9.546	1,822	3,366	4,630	5,520	15,930	.98
KC100ARO	10.000	10.750	10.277	10.473	10.544	1,942	3,508	4,970	6,140	17,730	1.04
KC110ARO	11.000	11.750	11.277	11.473	11.542	2,047	3,621	5,280	6,720	19,390	1.14
KC120ARO	12.000	12.750	12.277	12.473	12.540	2,147	3,729	5,570	7,290	21,040	1.23
KC140ARO	14.000	14.750	14.277	14.473	14.535	2,347	3,946	6,170	8,490	24,500	1.43
KC160ARO	16.000	16.750	16.277	16.473	16.529	2,533	4,144	6,730	9,680	27,950	1.63
KC180ARO	18.000	18.750	18.277	18.473	18.523	2,707	4,326	7,280	10,880	31,410	1.83
KC200ARO	20.000	20.750	20.277	20.473	20.517	2,863	4,484	7,780	12,030	34,720	2.03
KC250ARO	25.000	25.750	25.277	25.473	25.500	3,233	4,863	9,010	14,900	43,280	2.52
KC300ARO	30.000	30.750	30.277	30.473	30.484	3,561	5,196	10,160	17,960	51,850	3.02

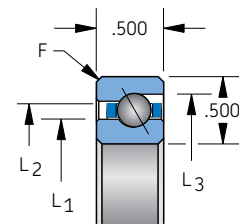
Circular pocket separator
3/16" balls



F = .040⁴
Bearing corners are normally chamfered

KD Series											
KAYDON Bearing Number	Dimensions in Inches					Capacities in Pounds ¹					Approx. Wt. in lbs.
	Size		Land Diameters			Dynamic			Static ²		
	Bore	Outside Dia.	L1	L2	C'Bore L3	KAYDON Radial	ISO Radial ³	Thrust	Radial	Thrust	
►KD040ARO	4.000	5.000	4.370	4.630	4.741	1,819	3,708	4,260	3,550	10,260	.80
►KD042ARO	4.250	5.250	4.620	4.880	4.991	1,876	3,786	4,420	3,750	10,830	.84
►KD045ARO	4.500	5.500	4.870	5.130	5.241	1,931	3,861	4,570	3,950	11,400	.88
►KD047ARO	4.750	5.750	5.120	5.380	5.490	1,986	3,934	4,720	4,150	11,970	.93
►KD050ARO	5.000	6.000	5.370	5.630	5.740	2,040	4,004	4,870	4,340	12,540	.98
►KD055ARO	5.500	6.500	5.870	6.130	6.238	2,145	4,138	5,160	4,740	13,680	1.06
►KD060ARO	6.000	7.000	6.370	6.630	6.738	2,247	4,264	5,440	5,130	14,820	1.15
►KD065ARO	6.500	7.500	6.870	7.130	7.236	2,346	4,384	5,720	5,530	15,960	1.24
►KD070ARO	7.000	8.000	7.370	7.630	7.736	2,442	4,499	5,990	5,920	17,100	1.33
►KD075ARO	7.500	8.500	7.870	8.130	8.236	2,536	4,608	6,250	6,320	18,240	1.42
►KD080ARO	8.000	9.000	8.370	8.630	8.734	2,627	4,713	6,510	6,710	19,380	1.52
►KD090ARO	9.000	10.000	9.370	9.630	9.732	2,803	4,911	7,010	7,500	21,660	1.69
KD100ARO	10.000	11.000	10.370	10.630	10.732	2,972	5,096	7,500	8,290	23,940	1.87
►KD110ARO	11.000	12.000	11.370	11.630	11.730	3,133	5,270	7,960	9,080	26,220	2.05
►KD120ARO	12.000	13.000	12.370	12.630	12.728	3,288	5,434	8,420	9,870	28,500	2.23
KD140ARO	14.000	15.000	14.370	14.630	14.724	3,582	5,739	9,290	11,450	33,060	2.57
KD160ARO	16.000	17.000	16.370	16.630	16.718	3,856	6,018	10,130	13,030	37,620	2.93
KD180ARO	18.000	19.000	18.370	18.630	18.712	4,113	6,276	10,930	14,610	42,180	3.29
KD200ARO	20.000	21.000	20.370	20.630	20.705	4,356	6,517	11,710	16,190	46,740	3.65
KD210ARO	21.000	22.000	21.370	21.630	21.700	4,472	6,632	12,086	16,981	49,020	3.83
KD250ARO	25.000	26.000	25.370	25.630	25.688	4,908	7,060	13,540	20,140	58,140	4.54
KD300ARO	30.000	31.000	30.370	30.630	30.672	5,397	7,538	15,260	24,090	69,540	5.44

Circular pocket separator
1/4" balls



F = .060⁴
Bearing corners are normally chamfered

- Capacities listed are not simultaneous. For combined loading see discussion of Bearing Selection and Load Analysis. Dynamic capacities are based upon 1 million revolutions of L10 life. Published capacities do not apply to hybrid series bearings P, X, and Y - contact Kaydon product engineering for values.
 - Static capacities are non-brinell limits based on rigid support from the shaft and housing.
 - ISO Radial ratings are calculated per ISO 281:1990. They are included for comparison only (refer to Page 95).
 - "F" is the maximum shaft or housing fillet radius the bearing corners will clear.
- Popular item