

Sealed Reali-Slim Bearing Selections

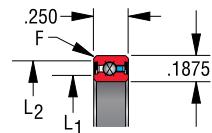
Type X – FOUR-POINT CONTACT

A Conrad assembled bearing designed for applications involving multiple loads. Unique internal geometry permits application of radial load, thrust load in either direction, and moment load,

individually or in any combination. A single four-point contact bearing may replace two bearings in many applications.

JHA Series (Double Sealed)												
KAYDON Bearing Number	Dimensions in Inches			Capacities①						Limiting Speeds (RPM*)	Torque Max. No Load (in-oz)③	Approx. Wt. in lbs.
	Size	Outside Dia.	Land Diameters	Dynamic			Static②					
	Bore	L1	L2	Radial (lbs)	Thrust (lbs)	Moment (in-lbs)	Radial (lbs)	Thrust (lbs)	Moment (in-lbs)			
JHA10XLO	1.000	1.375	1.108	1.274	247	370	110	290	730	170	3,000	5 .035
JHA15XLO	1.500	1.875	1.608	1.774	296	460	187	400	1,000	340	2,000	5 .052
JHA17XLO	1.750	2.125	1.858	2.024	319	500	232	460	1,140	440	1,710	6 .060

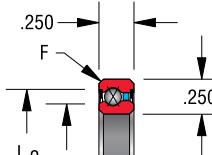
**Snap-over separator
3/32" balls**



④ F = .015
Bearing corners are normally chamfered

JA Series (Double Sealed)												
KAYDON Bearing Number	Dimensions in Inches			Capacities①						Limiting Speeds (RPM*)	Torque Max. No Load (in-oz)③	Approx. Wt. in lbs.
	Size	Outside Dia.	Land Diameters	Dynamic			Static②					
	Bore	L1	L2	Radial (lbs)	Thrust (lbs)	Moment (in-lbs)	Radial (lbs)	Thrust (lbs)	Moment (in-lbs)			
JA020XPO	2.000	2.500	2.148	2.356	514	790	434	680	1,710	770	1,500	6 .10
JA025XPO	2.500	3.000	2.648	2.856	583	910	601	830	2,090	1,150	1,200	8 .12
JA030XPO	3.000	3.500	3.148	3.356	643	1,010	785	990	2,470	1,600	830	12 .14
JA035XPO	3.500	4.000	3.648	3.856	701	1,110	986	1,140	2,850	2,130	710	16 .17
JA040XPO	4.000	4.500	4.148	4.356	756	1,210	1,205	1,290	3,220	2,740	620	20 .19
JA042XPO	4.250	4.750	4.398	4.606	783	1,260	1,321	1,370	3,410	3,070	580	24 .20
JA045XPO	4.500	5.000	4.648	4.856	809	1,310	1,441	1,440	3,600	3,420	550	28 .21
JA047XPO	4.750	5.250	4.898	5.106	834	1,350	1,565	1,520	3,790	3,790	520	32 .22
JA050XPO	5.000	5.500	5.148	5.356	859	1,400	1,693	1,590	3,980	4,180	500	36 .23
JA055XPO	5.500	6.000	5.648	5.856	908	1,480	1,959	1,750	4,360	5,020	450	44 .25
JA060XPO	6.000	6.500	6.148	6.356	955	1,570	2,240	1,900	4,740	5,930	330	52 .28
JA065XPO	6.500	7.000	6.648	6.856	1,001	1,650	2,535	2,050	5,120	6,910	300	61 .30
JA070XPO	7.000	7.500	7.148	7.356	1,046	1,730	2,844	2,200	5,500	7,980	280	70 .31
JA075XPO	7.500	8.000	7.648	7.856	1,089	1,810	3,165	2,350	5,880	9,120	260	80 .34

**Snap-over separator
1/8" balls**



④ F = .025
Bearing corners are normally chamfered

① 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.

② Static capacities are non-brinell limits based on rigid support from the shaft and housing.

③ Torque figures shown are for single bearings with standard internal fit-up, standard lubricant at room temperature, and under 5 pounds thrust load.

④ "F" is the maximum shaft or housing fillet radius the bearing corners will clear.

*Values apply to bearings loaded up to 20% of their dynamic capacity.