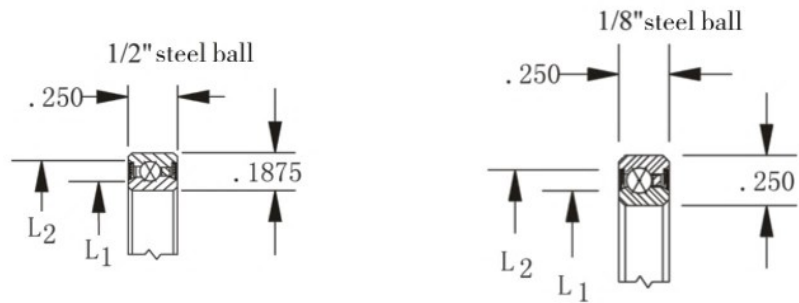


Sealed Series:

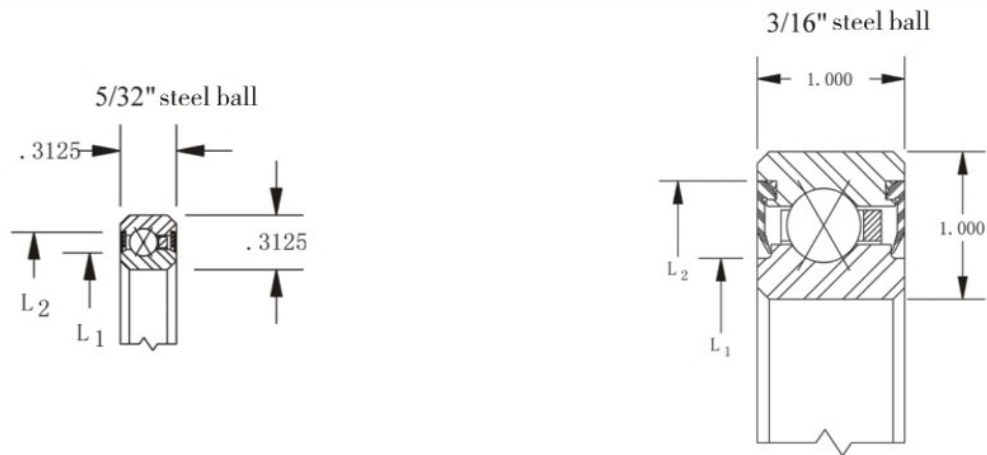
Four-point Contact Series

(X Type)



HJHA series									Weight (kg)
Type	Dimension(inch/mm)				Basic Load Ratings(N)				
	d	D	L1	L2	Radial		Axial		
					Cor	Cr	Coa	Ca	
HJHA010X	1.000	1.375	1.108	1.274	1290	670	3250	1650	0.016
	25.4	34.925	28.1	32.4					
HJHA015X	1.500	1.875	1.608	1.774	1780	800	4450	2050	
	38.1	47.625	40.8	45.1					

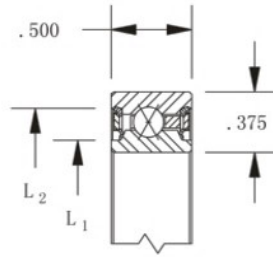
HJA series									Weight (kg)
Type	Dimension(inch/mm)				Basic Load Ratings(N)				
	d	D	L1	L2	Radial		Axial		
					Cor	Cr	Coa	Ca	
HJA020X	2	2.5	2.148	2.356	3020	1420	7600	3510	0.045
	50.8	63.5	54.6	59.8					
HJA025X	2.5	3	2.648	2.856	3690	1600	9290	4050	
	63.5	76.2	62.7	72.5					
HJA030X	3	3.5	3.148	3.356	4400	1820	10980	4490	
	76.2	88.9	80	85.2					
HJA035X	3.5	4	3.648	3.856	5070	2000	12670	4930	
	88.9	101.6	92.7	98					
HJA040X	4	4.5	4.148	4.356	5730	2130	14310	5380	
	101.6	114.3	105.4	110.6					
HJA042X	4.25	4.75	4.398	4.606	6090	2220	15160	5600	
	107.95	120.65	111.7	117					
HJA045X	4.5	5	4.648	4.856	6400	2310	16000	5820	
	114.3	127	118	123.3					
HJA047X	4.75	5.250	4.898	5.106	6760	2400	16850	6000	
	120.65	133.35	124.4	129.7					
HJA050X	5	5.500	5.148	5.365	7070	2490	17690	6220	
	127	139.7	130.8	136					
HJA055X	5.500	6.000	5.648	5.856	7780	2620	19380	6580	
	139.7	152.4	143.5	148.7					
HJA060X	6.000	6.500	6.148	6.356	8450	2800	21070	6980	
	152.4	165.1	156.2	161.4					
HJA065X	6.500	7.000	6.648	6.856	9110	2930	22760	7330	
	165.1	177.8	168.9	174.1					



HJB series									
Type	Dimension(inch/mm)				Basic Load Ratings(N)				Weight(kg)
	d	D	L1	L2	Radial		Axial		
					Cor	Cr	Coa	Ca	
HJB020X	2	2.625	2.136	2.362	4130	2000	10400	5020	0.068
	50.8	66.675	54.3	60					
HJB025X	2.5	3.125	2.636	2.862	5070	2310	12620	5730	0.086
	63.5	79.375	67	72.7					
HJB030X	3	3.625	3.136	3.362	5960	2580	14890	6400	0.1
	76.2	92.075	79.7	85.4					
HJB035X	3.5	4.125	3.636	3.862	6850	2800	17160	7070	0.122
	88.9	104.775	92.4	98.1					
HJB040X	4	4.625	4.136	4.362	7780	3070	19430	7650	0.136
	101.6	117.475	105	110.8					
HJB042X	4.25	4.875	4.386	4.662	8130	3160	20310	7910	0.141
	107.95	123.825	111.4	118.4					
HJB045X	4.5	5.125	4.636	4.862	8670	3290	21690	8220	0.154
	114.3	130.175	117.8	123.5					
HJB047X	4.75	5.375	4.886	5.162	9020	3380	22580	8450	0.159
	120.65	136.525	124.1	131.1					
HJB050X	5	5.625	5.136	5.362	9560	3510	23910	8800	0.168
	127	142.875	130.5	136.2					
HJB055X	5.500	6.125	5.636	5.862	10490	3730	26180	9340	0.181
	139.7	155.575	143.2	148.9					
HJB060X	6.000	6.625	6.136	6.362	11380	3960	28450	9870	0.2
	152.4	168.275	155.9	161.6					
HJB065X	6.500	7.125	6.638	6.862	12270	4130	30720	10400	0.213
	165.1	180.975	168.6	174.3					

HJG series									
Type	Dimension(inch/mm)				Basic Load Ratings(N)				Weight(kg)
	d	D	L1	L2	Radial		Axial		
					Cor	Cr	Coa	Ca	
HJG120X	12	14	12.554	13.602	94860	37830	237140	94590	4.218
	304.8	355.6	318.9	345.5					
HJG140X	14	16	14.554	15.602	109440	41610	273630	104060	4.899
	355.6	406.4	369.7	396.3					
HJG160X	16	18	16.554	17.602	124060	45250	310130	113130	5.579
	406.4	457.2	420.5	447.1					
HJG180X	18	20	18.554	19.602	138640	48720	346620	121840	6.214
	457.2	508	471.3	497.9					
HJG200X	20	22	20.554	21.602	153220	52100	383070	130240	7.167
	508	558.8	522.1	548.7					

3/16" steel ball



HJU series									Weight(kg)
Type	Dimension(inch/mm)				Basic Load Ratings(N)				
	d	D	L1	L2	Radial		Axial		
					Cor	Cr	Coa	Ca	
HJU040X	4	4.75	4.15	4.547	9340	3910	23380	9820	0.249
	101.6	120.65	105.4	115.5					
HJU042X	4.25	5	4.4	4.797	9870	4090	24710	10180	0.263
	107.95	127	111.76	121.8					
HJU045X	4.5	5.25	4.65	5.047	10400	4220	26050	10580	0.277
	114.3	133.35	118.1	128.2					
HJU047X	4.75	5	4.9	5.295	10940	4360	27380	10940	0.295
	120.65	139.7	124.5	134.5					
HJU050X	5	5.75	5.15	5.545	11510	4490	28720	11290	0.308
	127	146.05	130.8	140.8					
HJU055X	5.5	6.25	5.56	6.042	12580	4800	31380	11960	0.336
	139.7	158.75	143.5	153.5					
HJU060X	6	6.75	6.15	6.542	13650	5070	34050	12620	0.367
	152.4	171.45	156.2	166.2					
HJU065X	6.5	7.25	6.65	7.037	14710	5330	36760	13290	0.395
	165.1	184.15	168.9	178.7					
HJU070X	7	7.75	7.15	7.537	15780	5560	39430	13910	0.422
	177.8	196.85	181.6	191.4					
HJU075X	7.5	8.25	7.65	8.037	16850	5820	42090	14540	0.449
	190.5	209.55	194.3	204.1					
HJU080X	8	8.75	8.15	8.537	17910	6050	44760	15160	0.481
	203.2	222.25	207	216.8					
HJU090X	9	9.75	9.15	9.535	20050	6530	50100	16310	0.535
	228.6	247.65	232.4	242.2					
HJU100X	10	10.75	10.15	10.535	22180	6980	55430	17470	0.594
	254	273.05	257.8	267.6					
HJU110X	11	11.75	11.15	11.535	24310	7420	60810	18580	0.649
	279.4	298.45	283.2	293					
HJU120X	12	12.75	12.15	12.535	26450	7870	66140	19650	0.708
	304.8	323.85	308.6	318.4					