

Koyo® *Product Tech News*

Precision Planer Bearings *DESIGNED FOR OPTIMUM PERFORMANCE*

Features & Benefits:

FORGED STEEL RINGS

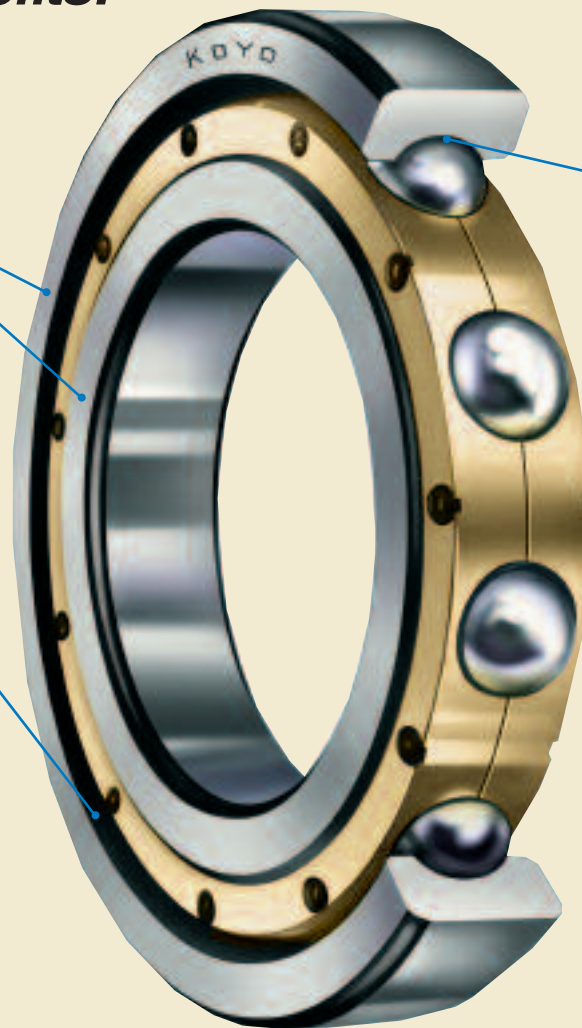
- Accommodates improved fatigue life

SUPER FINISHED RACEWAYS

- Provides lower noise and vibration

RETAINER TYPES

- FY- Machined Brass
- FT - Phenol Resin
- FG- Polyamide (Nylon)



“C2” RADIAL CLEARANCE

- Reduced operating clearance

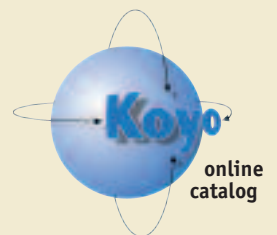
PRECISION GRADE “P5” ABEC 5 TOLERANCE

- Improved runout
- Higher operating speed

“For more information, contact your Authorized Koyo Bearing Distributor”

Koyo®

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Visit our website at koyousa.com





Smart Product Features...Unique Benefits

UNIT OF MEASUREMENT = (MM)

Available Size Range 6207-6217
6307-6317

Planer Bearing Specifications

PART NUMBER	BEARING BORE		SHAFT OUTSIDE DIAMETER		INTERFERENCE FIT		BEARING OUTSIDE DIAMETER		HOUSING BORE		LOOSE FIT		BEARING WIDTH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN		
6207	C2FYP5	35.000	34.992	35.005	35.000	(0.0130)	0.000	72.000	71.991	72.008	72.000	0.017	0.000	17.000
6208	C2FYP5	40.000	39.992	40.005	40.000	(0.0130)	0.000	80.000	79.991	80.008	80.000	0.017	0.000	18.000
6209	C2FYP5	45.000	44.992	45.005	45.000	(0.0130)	0.000	85.000	84.990	85.010	85.000	0.020	0.000	19.000
6210	C2FYP5	50.000	49.992	50.005	50.000	(0.0130)	0.000	90.000	89.990	90.010	90.000	0.020	0.000	20.000
6211	C2FYP5	55.000	54.991	55.007	55.000	(0.0160)	0.000	100.000	99.990	100.010	100.000	0.020	0.000	21.000
6212	C2FYP5	60.000	59.991	60.007	60.000	(0.0160)	0.000	110.000	109.990	110.010	110.000	0.020	0.000	22.000
6213	C2FYP5	65.000	64.991	65.007	65.000	(0.0160)	0.000	120.000	119.990	120.010	120.000	0.020	0.000	23.000
6214	C2FYP5	70.000	69.991	70.007	70.000	(0.0160)	0.000	125.000	124.989	125.013	125.000	0.024	0.000	24.000
6215	C2FYP5	75.000	74.991	75.007	75.000	(0.0160)	0.000	130.000	129.989	130.013	130.000	0.024	0.000	25.000
6216	C2FYP5	80.000	79.991	80.007	80.000	(0.0160)	0.000	140.000	139.989	140.013	140.000	0.024	0.000	26.000
6217	C2FYP5	85.000	84.990	85.007	85.000	(0.0170)	0.000	150.000	149.989	150.013	150.000	0.024	0.000	28.000
6307	C2FYP5	35.000	34.992	35.005	35.000	(0.0130)	0.000	80.000	79.991	80.008	80.000	0.017	0.000	21.000
6308	C2FYP5	40.000	39.992	40.005	40.000	(0.0130)	0.000	90.000	89.990	90.010	90.000	0.020	0.000	23.000
6309	C2FYP5	45.000	44.992	45.005	45.000	(0.0130)	0.000	100.000	99.990	100.010	100.000	0.020	0.000	25.000
6310	C2FYP5	50.000	49.992	50.005	50.000	(0.0130)	0.000	110.000	109.990	110.010	110.000	0.020	0.000	27.000
6311	C2FYP5	55.000	54.991	55.007	55.000	(0.0160)	0.000	120.000	119.990	120.010	120.000	0.020	0.000	29.000
6312	C2FYP5	60.000	59.991	60.007	60.000	(0.0160)	0.000	130.000	129.989	130.013	130.000	0.024	0.000	31.000
6313	C2FYP5	65.000	64.991	65.007	65.000	(0.0160)	0.000	140.000	139.989	140.013	140.000	0.024	0.000	33.000
6314	C2FYP5	70.000	69.991	70.007	70.000	(0.0160)	0.000	150.000	149.989	150.013	150.000	0.024	0.000	35.000
6315	C2FYP5	75.000	74.991	75.007	75.000	(0.0160)	0.000	160.000	159.987	160.013	160.000	0.026	0.000	37.000
6316	C2FYP5	80.000	79.991	80.007	80.000	(0.0160)	0.000	170.000	169.987	170.013	170.000	0.026	0.000	39.000
6317	C2FYP5	85.000	84.990	85.007	85.000	(0.0170)	0.000	180.000	179.987	180.013	180.000	0.026	0.000	41.000

PART NUMBER		BASIC LOAD RATING		LIMITING SPEED		C2 RADIAL CLEARANCE	
		DYNAMIC / STATIC		GREASE	OIL	MAX	MIN
		Co (kn)	C (kn)	(rpm)	(rpm)		
6207	C2FYP5	25.7	15.4	13,700	16,400	0.011	0.001
6208	C2FYP5	29.1	17.8	12,450	15,000	0.011	0.001
6209	C2FYP5	32.7	20.3	11,550	13,800	0.011	0.001
6210	C2FYP5	35.1	23.3	10,650	12,750	0.011	0.001
6211	C2FYP5	43.4	29.4	9,450	11,400	0.015	0.001
6212	C2FYP5	52.4	36.2	8,550	10,350	0.015	0.001
6213	C2FYP5	57.2	40.1	8,100	9,600	0.015	0.001
6214	C2FYP5	62.2	44.1	7,650	9,150	0.015	0.001
6215	C2FYP5	67.4	48.3	7,200	8,700	0.015	0.001
6216	C2FYP5	72.7	53.0	6,750	8,100	0.015	0.001
6217	C2FYP5	84.0	61.9	6,300	7,500	0.018	0.001
6307	C2FYP5	33.4	19.3	12,750	15,000	0.011	0.001
6308	C2FYP5	40.7	24.0	11,550	13,800	0.011	0.001
6309	C2FYP5	48.9	29.5	10,200	12,150	0.011	0.001
6310	C2FYP5	62.0	38.3	9,150	10,950	0.011	0.001
6311	C2FYP5	71.6	45.0	8,400	10,050	0.015	0.001
6312	C2FYP5	81.9	52.2	7,800	9,300	0.015	0.001
6313	C2FYP5	92.7	59.9	7,200	8,700	0.015	0.001
6314	C2FYP5	104	68.2	6,750	8,100	0.015	0.001
6315	C2FYP5	113	77.2	6,300	7,500	0.015	0.001
6316	C2FYP5	123	86.7	5,850	7,050	0.015	0.001
6317	C2FYP5	133	96.8	5,550	6,600	0.018	0.001

Distributed by:



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