

# METRIC TAPERED ROLLER BEARINGS

## INTERCHANGEABLE



### E...J

Indicates metric series comply with ISO standard Interchangeable cup & cone.

### Prefix "H"

H indicates the bearing rings are manufactured from case hardening carbon steel for higher loading and better impact resistance.

## Advanced Inner Ring Rib Design Provides Superior Roller Guidance for Better Efficiencies

Sliding motion between the inner ring flange and the roller end is the primary heat generation source. Nachi has optimized the design of this critical area to reduce heat build up

■ Best Material

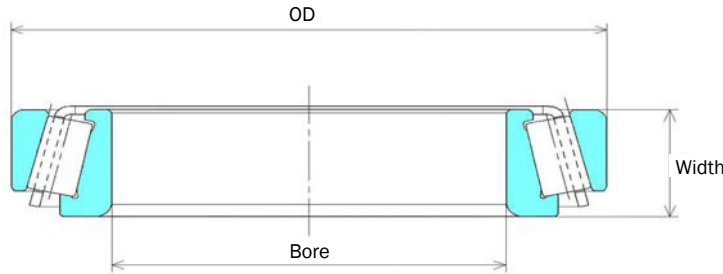
■ Best Design

## Best Components Support Bearing Performance

All contacting Bearing components are made from the cleanest Japanese steels. These materials increase the life of the bearings over conventional practice. Thin section, high strength stamped steel cages maximize the lubrication flow which improves the lubrication factor, ultimately resulting in longer bearing life.

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Bearing No.	Boundary dimensions(mm)			Cr (N)	Cor (N)	Limiting Speed (rpm)	
	Bore	O.D.	Width			Grease	Oil
H-E30203J	17	40	13.25	20800	20700	10000	14000
H-E30303J	17	47	15.25	27400	24500	9200	12000
H-E32004J	20	42	15	27300	31500	9300	13000
H-E30204J	20	47	15.25	27000	27200	8700	12000
H-E30304J	20	52	16.25	36400	35200	8300	11000
H-E32304J	20	52	22.25	45100	46700	8400	11000
H-E32005J	25	47	15	30200	37700	8300	11000
H-E30205J	25	52	16.25	31500	33700	7500	10000
H-E32205J	25	52	19.25	39800	44800	7900	11000
H-E30305J	25	62	18.25	48200	46900	6800	9000
H-E32305J	25	62	25.25	61200	64100	6900	9100
H-E32006J	30	55	17	38200	48000	7000	9400
H-E30206J	30	62	17.25	41500	44800	6500	8700
H-E32206J	30	62	21.25	50700	57900	6500	8700
H-E30306J	30	72	20.75	59600	60100	5800	7700
H-E32306J	30	72	28.75	82200	91600	5900	7900
H-E32007J	35	62	18	45500	59400	6200	8200
H-E30207J	35	72	18.25	55100	60900	5600	7400
H-E32207J	35	72	24.25	69600	82400	5600	7500
H-E30307J	35	80	22.75	76200	78900	5200	6900
H-E32307J	35	80	32.75	101000	114000	5300	7000
H-E32008J	40	68	19	53500	71400	5600	7400
H-E30208J	40	80	19.75	62900	69200	5000	6700
H-E32208J	40	80	24.75	77700	90800	5000	6600
H-E30308J	40	90	25.25	90600	101000	4500	6100
H-E32308J	40	90	35.25	116000	139000	4600	6200
H-E32009J	45	75	20	62800	86500	5000	6600
H-E30209J	45	85	20.75	67200	77400	4600	6100
H-E32209J	45	85	24.75	78300	94100	4600	6100
E30309J	45	100	27.25	113000	128000	4100	5400
H-E32309J	45	100	38.25	146000	180000	4100	5500

Bearing No.	Boundary dimensions(mm)			Cr (N)	Cor (N)	Limiting Speed (rpm)	
	Bore	O.D.	Width			Grease	Oil
H-E32010J	50	80	20	65700	94500	4600	6100
H-E30210J	50	90	21.75	76500	91700	4300	5700
H-E32210J	50	90	24.75	85000	105000	4300	5700
E30310J	50	110	29.25	137000	152000	3700	4900
E32310J	50	110	42.25	176000	220000	3700	5000
H-E32011J	55	90	23	84600	121000	4100	5500
E30211J	55	100	22.75	94600	113000	3900	5200
E30311J	55	120	31.5	149000	170000	3300	4500
E32311J	55	120	45.5	200000	250000	3400	4500
E32012J	60	95	23	86100	127000	3900	5200
E30212J	60	110	23.75	106000	127000	3500	4700
E32212J	60	110	29.75	132000	167000	3500	4700
E30213J	65	120	24.75	128000	156000	3200	4300
E32213J	65	120	32.75	157000	203000	3200	4300
E30313J	65	140	36	204000	239000	2800	3800
E30214J	70	125	26.25	138000	173000	3100	4100
E32214J	70	125	33.25	169000	225000	3100	4100
E30314J	70	150	38	230000	273000	2600	3500
E32015J	75	115	25	110000	169000	3100	4200
E30215J	75	130	27.25	142000	181000	2900	3900
E32016J	80	125	29	147000	225000	2900	3900
E30216J	80	140	28.25	161000	202000	2700	3600
E32017J	85	130	29	150000	234000	2800	3700
E30217J	85	150	30.5	182000	231000	2500	3400
E32018J	90	140	32	178000	276000	2600	3500
E30218J	90	160	32.5	204000	261000	2400	3200
E32218J	90	160	42.5	263000	362000	2400	3200
E32020J	100	150	32	185000	298000	2400	3200
E30220J	100	180	37	258000	338000	2100	2800
E32022J	110	170	38	248000	395000	2100	2800

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