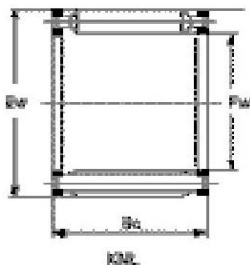






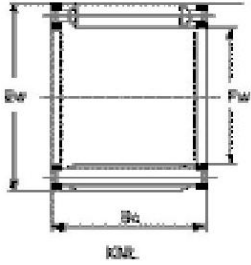


# Radial Needle Roller & Cage Assemblies



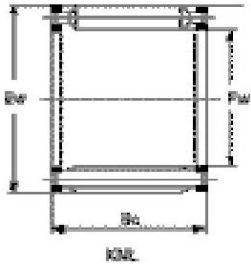
Shaft diameter mm	Bearing Designation		Mass Approx (g)	Boundary Dimensions			Basic Load Rating		Limiting Speed Oil (rpm)
	Current	Original Code		Fw	Ew (mm)	Bc	Cr Dynamic (N)	Cor Static (N)	
23	K23X35X16 TN		30	23	35	16	24000	23400	15000
24	K24X28X10		8.1	24	28	10	9400	14300	17000
	K24X28X13		10.1	24	28	13	10500	17000	17000
	K24X28X17		13.2	24	28	17	14000	24500	17000
	K24X29X13		13.5	24	29	13	13100	19100	16000
	K24X30X17		21.5	24	30	17	19000	27000	16000
	K24X30X31		39.1	24	30	31	27000	43000	16000
25	K25X29X10		8.3	25	29	10	9700	14900	16000
	K25X29X13		10.4	25	29	13	10800	17900	16000
	K25X29X17		13.7	25	29	17	14500	25500	16000
	K25X30X13		12.9	25	30	13	14100	21300	16000
	K25X30X20		20.5	25	30	20	21100	28000	16000
	K25X30X25		21	25	30	25	21700	40400	15000
	K25X30X26		21.6	25	30	26	20100	26500	15000
	K25X31X17		21.8	25	31	17	19000	28000	16000
	K25X31X21		26.2	25	31	21	24100	37500	16000
	K25X32X16		24.5	25	32	16	20500	27500	15000
	K25X33X20		32	25	33	20	28000	37500	15000
	K25X33X24		38.7	25	33	24	33900	46500	15000
	K25X34X18		32	25	34	18	48000	67000	15000
	K25X35X30		65.5	25	35	30	46500	61500	14000
	K25X30X26 ZW		27	25	30	26	21000	35000	14000
26	K26X30X10		9	26	30	10	9500	15500	16000
	K26X30X13		11.4	26	30	13	11100	18700	16000
	K26X30X17		15	26	30	17	14700	27000	16000
	K26X31X13		9.9	26	31	13	12400	18400	15000
	K26X30X22		12.3	26	30	22	15200	28000	16000
27	K27X32X17		29	27	32	27	16000	34000	17000
28	K28X32X16.5		16	28	32	16.5	15000	32400	14000
	K28X32X17		18.2	28	32	17	15000	32400	14000
	K28X33X13		15.2	28	33	13	14800	23600	14000
	K28X33X17		19.5	28	33	17	19100	33000	14000
	K28X33X27 TN		19	28	33	27	22800	40500	14000
	K28X34X17		24.2	28	34	17	21300	35000	14000
	K28X35X16		26	28	35	16	21000	29000	14000
	K28X35X18		31	28	35	18	23500	33500	14000
	K28X35X20		35	28	35	20	24000	34000	14000
	K28X35X27		47	28	35	27	34500	54500	14000
	K28X36X16		40	28	36	16	34000	47000	11000
	K28X40X18		50	28	40	18	33000	36500	12000
	K28X40X25		71	28	40	25	45000	54500	12000

# Radial Needle Roller & Cage Assemblies



Shaft diameter mm	Bearing Designation		Mass Approx ( g )	Boundary Dimensions			Basic Load Rating		Limiting Speed Oil ( rpm )
	Current	Original Code		Fw	Ew ( mm )	Bc	Cr Dynamic ( N )	Cor Static ( N )	
30	K30X34X13		14.6	30	34	13	11800	21200	13000
	K30X35X13	29241/30	16.3	30	35	13	15100	25000	13000
	K30X35X17	49241/30	21.3	30	35	17	19100	33500	13000
	K30X35X27	19241/30	33.3	30	35	27	30000	58500	13000
	K30X37X16	19243/30	26.4	30	37	16	22500	33000	13000
	K30X38X25	29244/30	43	30	38	25	16000	39000	13000
	K30X40X18		44	30	40	18	31500	39500	12000
	K30X40X30	49243/30	78	30	40	30	48500	68500	13000
	K30X35X26		32	30	35	26	23500	43500	12000
32	K32X37X13	29241/32	18.3	32	37	13	15000	25000	12000
	K32X37X17	49241/32	22.4	32	37	17	19400	35000	12000
	K32X37X27	19241/32	36.7	32	37	27	29500	59500	12000
	K32X37X28 TN		22.3	32	37	28	23100	43000	12000
	K32X38X16		25	32	38	16	21000	34000	12000
	K32X38X20	49242/32	31	32	38	20	26000	44500	12000
	K32X38X26 TN		25.2	32	38	26	27000	46500	12000
	K32X39X16	19243/32	36.7	32	39	16	23500	35000	12000
	K32X39X18		37.2	32	39	18	26000	40500	12000
	K32X40X20	19244/32	48	32	40	20	37000	40500	12000
	K32X40X36		73	32	40	36	53500	91500	12000
	K32X46X32		119	32	46	32	65500	82500	11000
	K32X40X42 TN		77.1	32	40	42	49500	83500	12000
35	K35X40X13	29241/35	18.8	35	40	13	15800	27500	11000
	K35X40X17	49241/35	25.3	35	40	17	20300	38000	11000
	K35X40X25	29244/35	31	35	40	25	29000	59500	11000
	K35X40X27 TN	19241/35	23.4	35	40	27	24500	49000	11000
	K35X40X27	79241/35	28	35	40	27	27800	62100	11000
	K35X40X30	39244/35	43	35	40	30	25000	49500	11000
	K35X42X16	19243/35	34	35	42	16	23900	37000	11000
	K35X42X18		39.2	35	42	18	27000	42500	11000
	K35X42X30	49243/35	62.4	35	42	30	38500	67500	11000
	K35X43X18		38	35	43	18	28000	41500	11000
	K35X45X20		55.5	35	45	20	36500	49500	10000
	K35X45X30	29245/35	80	35	45	30	52500	78500	10000
	K35X45X49		120	35	45	49	81500	13400	10000
	K35X40X30 ZW		48	35	40	30	31500	65500	11000
	K35X42X20 ZW	29243/35	41	35	42	20	29500	48500	11000
36	K36X41X30		52	36	41	30	23000	43000	11000
	K36X42X17		50	36	42	16	24000	42000	11000
37	K37X42X17		25.8	37	42	17	21900	42500	10000
	K37X42X27		40.7	37	42	27	31500	67500	10000
	K37X45X26		60.5	37	45	26	43500	73500	10000

# Radial Needle Roller & Cage Assemblies



Shaft diameter mm	Bearing Designation		Mass Approx ( g )	Boundary Dimensions			Basic Load Rating		Limiting Speed  Oil ( rpm )
	Current	Original Code		Fw	Ew ( mm )	Bc	Cr Dynamic ( N )	Cor Static ( N )	
38	K38X43X17	49241/38	26.9	38	43	17	20000	38000	10000
	K38X43X17	79241/38	43.2	38	43	27	31000	67500	10000
	K38X46X20	19244/38	46	38	46	20	35000	56500	10000
	K38X46X32		72.7	38	46	32	54500	98500	10000
39	K39X44X24		38	39	44	24	28000	58500	10000
	K39X44X26 ZW		29.5	39	44	26	27000	55500	10000
40	K40X44X13		20	40	44	13	13500	28000	10000
	K40X45X13	29241/40	21.5	40	45	13	17100	32000	10000
	K40X45X17	49241/40	27.4	40	45	17	20900	41000	10000
	K40X45X21		36.5	40	45	21	24400	49500	10000
	K40X45X27	19241/40	46	40	45	27	32500	72500	10000
	K40X46X17	39242/40	30	40	46	17	24500	44500	9000
	K40X47X18		45.2	40	47	18	29000	49500	9000
	K40X47X20	29243/40	42	40	47	20	32000	56500	9000
	K40X48X20	19244/40	57.7	40	48	20	35500	58500	9000
K40X45X30 ZW		48	40	45	30	26000	53500	9000	
42	K42X47X13	29241/42	22.5	42	47	13	17300	33000	9000
	K42X47X17	49241/42	31.1	42	47	17	21100	42500	9000
	K42X47X25 TN		25.4	42	47	25	27000	57500	9000
	K42X47X27	79241/42	46.6	42	47	27	33000	74500	9000
	K42X48X35	79242/42	60	42	48	35	35000	76000	9000
	K42X50X18		53	42	50	18	31000	49500	9000
	K42X50X20	19244/42	54	42	50	20	34500	56500	9000
	K42X47X30 ZW		54	42	47	30	31000	75500	9000
43	K43X48X17		29.3	43	48	17	21000	42500	9000
	K43X48X27		45.7	43	48	27	33000	74500	9000
	K43X50X18	9249/43	48.5	43	50	18	30500	53500	9000
45	K45X49X19		27	45	49	19	17500	40000	8000
	K45X50X17	49241/45	25.5	45	50	17	22000	45000	8000
	K45X50X27	19241/45	50	45	50	27	34000	79500	8000
	K45X50X32 TN		45	45	50	32	38000	90500	8000
	K45X52X18		51	45	52	18	31000	56500	8000
	K45X52X21 TN		32.9	45	52	21	39500	57500	8000
	K45X53X20	19244/45	62.2	45	53	20	38500	66500	8000
	K45X53X21		65	45	53	21	38000	66500	8000
	K45X53X22		68.4	45	53	22	42000	66500	8000
	K45X53X28		78	45	53	28	51500	97500	8000
	K45X59X18 TN		60.5	45	59	18	43500	53500	7000
	K45X59X32		145.5	45	59	32	72500	101500	7000
	K45X59X36		195	45	59	36	75500	108500	7000
K45X51X36 ZW		85	45	51	36	44500	98500	7000	



