

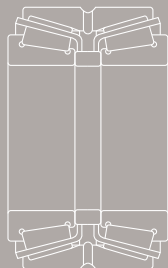


Taper Roller

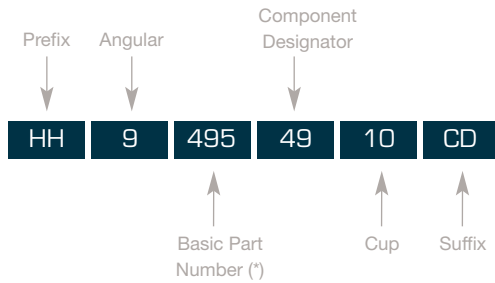
INCH

Double Row

Chapter 9
Double Row
pages 00 to 00



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Prefix

- EH** Extra Heavy
- EL** Extra Light
- H** Heavy
- HH** Heavier than heavy
- HM** Heavy Medium
- J** Used alone or with other prefix letters to indicate metric bore and/or OD
- L** Light
- LL** Light than light
- LM** Light Medium
- M** Medium

Angular

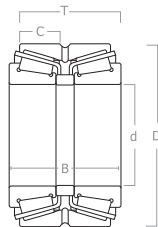
- 1** 0 to 23°59' 59.99"
- 2** 24° to 25°29' 59.99"
- 3** 25°30 to 26°59' 59.99"
- 4** 27° to 28°29' 59.99"
- 5** 28°30 to 30°29' 59.99"
- 6** 30°30 to 32°29' 59.99"
- 7** 32°30 to 35°59' 59.99"
- 8** 36° to 44°59' 59.99"
- 9** 45° Up, not thrust only 9

Suffix

- A** Different bore, OD with or radius from BPN(*)
- AB** Flanged cup. (Non-interchangeable with BPN(*)
- AS** Different bore, OD, width, or radius from BPN(*)
- AX** Different bore, OD, width, or radius from BPN(*)
- B** Flanged cup. (Non-interchangeable with BPN(*)
- B** Cone using brass cage.
- CD** Double cup with oil hole and groove.
- D** With lubricant hole and groove on the double cone/cup.
- DC** Double cup with hole for locking pin.
- NA** Two cones mated with double cup form double row.
- NW** Two cones mated with double cup to form double row.
- S** "NA" type cone with slotted front face.
- SW** Different bore, OD, width or radius from basic part number
- T** Slot or Keyway.
- TD** Tapered bore.
- W** ISO Class 5 (equivalent to ABEC 5)
- X** ISO Class 4 (equivalent to ABEC 7)

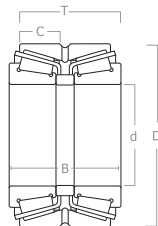
Maximum bore range		Basic Series indication	Maximum bore range		Basic Series indication
mm			mm		
From	To		From	To	
0,00	25,40	00 to 19	381,00	406,40	640 to 659
25,40	50,80	20 to 99	406,40	431,80	680 to 679
		000 to 029	431,80	457,20	680 to 694
50,80	76,20	039 to 129	457,20	482,60	695 to 709
76,20	101,60	130 to 189	482,60	508,00	710 to 724
101,60	127,00	190 to 239	508,00	534,40	725 to 739
127,00	152,40	240 to 289	534,40	558,80	740 to 754
152,40	177,80	290 to 339	558,80	584,20	755 to 769
177,80	203,30	340 to 389	584,20	609,60	770 to 784
203,20	228,60	390 to 429	609,60	635,00	785 to 799
228,60	254,00	430 to 469	635,00	762,00	800 to 829
254,00	279,40	470 to 509	762,00	889,00	830 to 859
279,40	304,80	510 to 549	889,00	1016,00	880 to 889
304,80	330,20	550 to 579	1270,00	1841,50	880 to 889
330,20	355,60	580 to 609			
355,60	381,00	610 to 639			

DOBLE ROW



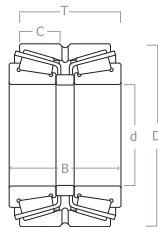
Principal dimensions				Basic load ratings			Speed ratings(rpm)		Designations	Weight
mm				KN			Grease	Oil		
d	D	B	rmin	r1min	Cr	Cor			kg	
76,20	161,93	105,56	3,50	0,80	330	400	1900	2500	9285/9220CD	3,00
84,14	175,80	109,54	3,50	2,30	600	940	1600	2200	9386/9320CD	4,70
101,60	168,28	92,08	3,50	0,80	370	700	1800	2400	687/672D	7,43
104,78	180,00	104,78	3,60	0,80	405	735	1900	2800	NA759/752D	8,55
107,95	165,10	82,55	3,50	0,80	290	585	2000	3000	56425/650D	6,00
	165,10	88,90	3,50	0,80	330	640	1800	2400	NA56425SW/650CD	6,00
114,30	177,80	92,08	3,50	0,80	405	675	1600	2100	64450/700D	7,80
	190,50	106,36	3,50	1,50	525	965	1600	2100	71450/71751D	11,50
	190,50	103,36	3,50	1,50	525	965	1600	2100	NA71450SW/751CD	11,50
	212,73	142,88	7,00	1,50	810	1390	1500	2000	938/932CD	22,10
	212,73	142,88	7,00	1,50	810	1400	1500	2000	HH224346/310CD	6,50
	212,73	142,88	3,50	1,50	810	1400	1500	2000	HH224346NA/310CD	6,50
127,00	182,56	85,73	3,60	0,80	380	950	1800	2600	48290/220CD	7,10
	196,85	101,60	3,60	0,80	500	1120	1600	2200	67388/322CD	11,00
	234,95	142,88	3,60	1,60	830	1630	1500	2000	95500/927CD	25,30
183,00	288,60	115,89	3,50	2,30	790	1350	1200	1500	HM926740/710CD	18,80
133,35	190,50	85,73	3,60	0,80	390	980	1700	2400	48385/320CD	7,80
	200,03	101,60	3,60	0,80	540	1140	1500	2000	67390/325D	10,60
	215,90	106,36	3,60	1,60	560	1200	1500	2000	74525/851CD	14,40
136,53	190,50	85,73	3,60	0,80	390	980	1700	2400	48393/320CD	7,28
139,70	215,90	106,36	3,50	1,50	550	1020	1200	1600	74550/851CD	13,20
	228,60	123,83	3,60	1,60	640	1270	1500	2000	898/892CD	18,50
	236,54	131,76	3,60	1,60	750	1560	1400	1900	82550/932CD	23,40
	254,00	149,23	1,50	7,10	1000	1930	1300	1800	99550/102CD	34,00
142,88	200,03	93,66	3,50	0,80	430	1030	1300	1700	NA48685SW/620CD	8,55

DOBLE ROW



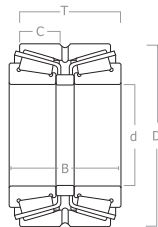
Principal dimensions				Basic load ratings			Speed ratings(rpm)		Designations	Weight kg
mm				KN			Grease	Oil		
d	D	B	rmin	r1min	Cr	Cor				
146,05	193,68	65,09	1,60	0,80	280	670	1600	2200	36690/620CD	4,84
	236,54	131,76	3,60	1,60	750	1560	1400	1900	82576/932CD	21,10
	236,54	131,76	3,50	1,50	715	1400	1200	1500	HM231140/111CD	6,80
	254,00	152,40	3,60	1,60	1000	1930	1300	1800	99575/102CD	30,00
	268,29	160,34	6,40	2,00	1100	2160	1300	1800	107057/105D	37,80
149,23	236,54	131,76	3,60	1,60	750	1560	1400	1900	82587/932CD	20,30
152,40	222,25	100,01	0,80	3,60	510	1060	1300	1800	M231649/610CD	12,70
	244,48	107,95	3,50	1,50	640	1400	1300	1700	81600/963CD	5,50
	254,00	149,23	1,50	7,10	1000	1930	940	1300	99600/102CD	29,10
	268,29	160,34	6,40	1,50	1100	2160	1300	1800	107060/105CD	37,80
	307,98	200,02	9,70	2,30	1200	2500	1000	1400	HH234048/011CD	21,00
158,75	225,43	85,73	3,60	0,80	380	1040	1400	1900	46780/720CD	10,70
165,10	225,43	95,25	3,50	0,80	445	1130	1150	1400	NA46790SW/720CD	10,40
	288,93	142,88	1,50	7,10	1160	2120	1150	1400	HM237535/510CD	36,80
168,28	330,20	184,15	6,40	1,50	1500	2370	840	1100	H936349/310CD	63,40
174,63	247,65	103,19	3,50	0,80	710	1500	940	1300	67787/720CD	15,50
177,80	269,88	119,06	1,50	3,60	880	1900	880	1100	M238840/810CD	23,90
	247,65	103,19	3,60	0,80	570	1430	1300	1800	67790/720CD	14,40
	282,58	107,95	3,60	1,60	640	1370	1100	1600	NA87700SW/112CD	23,70
	288,93	142,88	1,50	7,10	1160	2120	940	1300	HM237545/510CD	33,60
184,15	242,89	95,25	3,60	0,80	425	1200	1300	1800	LM67349NW/310CD	11,00
187,33	269,88	119,06	1,50	3,60	880	1900	940	1300	M238849/810CD	20,80
196,85	257,18	85,73	3,60	0,80	425	1200	1200	1700	LM739749/710CD	11,00
200,03	317,50	146,05	4,30	1,50	1080	2400	840	1100	93787/127CD	41,90
203,20	276,23	90,49	3,50	0,80	610	1460	940	1300	LM249149/110CD	15,30

DOBLE ROW



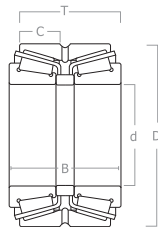
Principal dimensions				Basic load ratings			Speed ratings(rpm)		Designations	Weight
mm				KN			Grease	Oil		
d	D	B	rmin	r1min	Cr	Cor			kg	
	276,23	95,25	3,60	0,80	610	1460	940	1300	LM249149NW/110CD	15,10
	317,50	146,05	4,30	1,50	1080	2400	840	1100	93800/127CD	40,60
	368,30	193,68	1,50	3,50	1006,8	2900	840	1100	EE420801/451CD	28,13
206,38	282,58	101,60	3,60	0,80	600	1630	1100	1600	67985/920CD	19,00
228,60	327,03	114,30	6,40	1,60	800	2040	950	1400	8573/8520CD	28,90
	355,60	152,40	1,50	6,40	1120	2650	850	1200	HM746646/610CD	52,80
	488,95	254,00	1,50	6,40	2550	4400	600	890	HH949549/510CD	205,00
241,30	327,03	114,30	6,40	1,50	790	1830	760	1000	8578/8520CD	8,90
254,00	358,78	152,40	1,50	3,60	1370	3150	690	920	M249749/710CD	44,20
	533,40	276,23	1,50	6,40	3350	5400	580	770	HH953749/710CD	259,00
260,35	422,28	178,59	1,50	6,90	1860	3550	670	900	HM252349/310CD	86,80
266,70	352,70	107,95	6,40	1,60	850	2240	850	1200	LM251649NW/610CD	26,10
285,75	380,90	139,70	1,50	3,60	1180	3250	850	1200	LM654649/610CD	42,00
	501,65	203,20	3,30	6,40	2160	3750	450	620	EE147112/198CD	143,00
292,10	469,90	200,03	9,70	1,50	2500	4800	450	800	EE722115/186CD	41,80
300,04	422,28	174,63	1,50	6,40	1800	4400	580	770	HM256849/810CD	72,10
304,80	438,05	165,10	1,50	6,40	1340	3250	550	700	EE129120/163CD	73,80
	444,50	146,05	8,00	1,50	1240	2770	550	700	EE291201/751CD	64,90
311,15	558,80	190,50	3,30	9,70	2160	3900	420	560	EE148122/220CD	172,00
317,50	444,50	146,05	7,90	1,50	1250	2800	490	650	EE291250/751CD	59,80
	447,68	180,98	3,60	1,50	2080	5200	490	650	HM259049/010CD	85,00
330,20	482,60	177,80	6,40	1,50	2080	4550	480	630	EE526130/191CD	97,70
333,38	469,90	190,50	6,40	1,50	2120	5400	480	630	HM261049/010CD	97,80
234,95	384,18	238,12	6,40	1,50	1700	4000	580	770	H247549/510CD	36,00
346,08	488,95	200,03	6,40	1,50	2500	6300	480	630	HM262749/710CD	112,00

DOBLE ROW



Principal dimensions				Basic load ratings			Speed ratings(rpm)		Designations	Weight
mm				KN			Grease	Oil		
d	D	B	rmin	r1min	Cr	Cor			kg	
355,60	444,50	136,53	3,60	1,50	1250	3750	460	600	L163149/110CD	45,00
	501,65	145,05	6,40	1,50	1630	3750	420	560	EE231400/976CD	85,10
368,25	523,88	214,31	6,40	1,50	2750	6800	410	540	HM265049/010CD	141,00
368,30	569,90	203,20	2,30	1,50	2800	5300	400	520	EE181453/351CD	184,00
371,48	501,65	155,58	6,40	1,50	1630	3750	550	700	EE231462/976CD	73,70
381,00	508,00	139,70	6,40	1,50	1290	3200	590	760	EE192150/201CD	66,80
	590,55	244,48	6,40	1,50	3550	8800	380	500	M268730/710CD	247,00
384,18	546,10	222,25	6,40	1,50	3050	7800	410	540	HM266449/410CD	159,00
396,88	546,10	158,75	6,40	1,50	1800	4300	480	650	EE234156/216CD	96,50
406,40	546,10	185,74	6,40	1,50	2280	6300	460	580	M667944/911CD	117,00
	609,52	177,80	8,10	1,50	2500	5500			EE736160/239CD	167,00
415,93	590,55	244,48	6,40	1,50	3550	8800	380	500	M268749/710CD	205,00
431,80	571,50	155,58	3,30	1,50	2000	4800	410	540	LM869448/410CD	95,50
447,68	635,00	257,18	6,40	1,50	4150	10400	360	480	M270749/710CD	241,00
457,20	596,90	165,10	9,70	1,50	2040	5600	380	500	EE244180/236CD	107,00
	660,40	228,60	6,40	1,50	3750	9000	380	500	M271648/610CD	238,00
479,43	679,45	276,23	6,40	1,50	4400	11200	320	440	M272749/710CD	296,00
488,95	634,87	180,98	6,40	1,50	2500	6800	360	480	LM772748/710CD	135,00
	660,40	206,38	6,40	1,50	2600	6950	360	480	EE640192/261CD	202,00
	634,87	175,80	6,40	1,50	2700	7300	360	480	EE243192/251CD	158,00
498,48	634,87	177,80	6,40	1,50	2000	5600	360	480	EE243196/251CD	122,00
501,65	711,20	292,10	6,40	1,50	5000	13200	245	490	M274149/110CD	354,00
508,00	838,20	304,80	9,70	3,30	55	11800	205	410	EE426200/331CD	589,00
520,70	736,60	186,50	6,40	1,50	2550	5700	235	470	EE982051/901CD	210,00
536,58	761,87	311,15	6,40	1,50	6000	15300	236	472	M276449/410CD	427,00

DOBLE ROW



Principal dimensions				Basic load ratings			Speed ratings(rpm)		Designations	Weight
mm				KN			Grease	Oil		kg
d	D	B	rmin	r1min	Cr	Cor				
558,80	736,60	225,43	6,40	1,50	3900	10800	230	460	LM377449/410CD	244,00
	736,60	165,10	6,40	3,30	3350	8200	450	560	EE542220/291CD	107,80
	736,60	187,33	6,40	1,50	2400	6550	230	460	EE843220/291CD	190,00
571,50	812,80	333,38	6,40	3,30	6550	16600	216	435	M278749/710CD	483,00
602,95	787,40	206,38	6,40	1,50	3100	9000	230	460	EE649237/311CD	248,00
609,60	787,40	206,38	6,40	1,50	3100	9000	210	420	EE649240/311CD	237,00
	812,80	190,50	6,40	3,30	3100	8000	217,5	435	EE743240/321CD	244,00
660,40	812,80	203,20	6,40	1,50	3550	10600	217,5	435	L281148/110CD	207,00
685,80	876,30	200,03	6,40	1,50	3350	10000	207,5	415	EE655270/346CD	275,00
711,20	914,40	190,50	6,40	1,50	3350	9500	190	380	EE755280/361CD	285,00
723,90	914,40	187,33	5,60	1,50	3350	9500	190	380	EE755285/361CD	261,00
762,00	965,20	187,33	6,40	1,50	3450	10000	147,5	295	EE752300/381CD	295,00
774,70	965,20	187,33	6,40	1,50	3450	10000	147,5	295	EE752305/381CD	272,00
812,80	1016,00	190,50	6,40	1,50	3550	11200	146	292	EE762320/401CD	420,00
812,80	1066,80	190,50	6,40	3,30	3550	11200	145	290	EE762320/420CD	430,00
914,40	1066,80	139,70	6,40	3,30	2500	8150	135	270	LL686947/910CD	198,00