



**One Piece Retainer**

**Two Piece Retainer**

**Tapered Bore**

BEARING No	PRINCIPAL DIMANSIONS (mm)				BASIC LOAD (lbf)		SPEED LIMIT RPM	
	d	D	B	r	DYNAMIC	STATIC	GREASE	OIL
22205	25	52	18	1.0	8030	8200	8000	10000
22206	30	62	20	1.0	11000	11700	10000	14000
22207	35	72	23	1.1	15100	16500	9000	12000
22208	40	80	23	1.1	16600	18300	8000	11000
22209	45	85	23	1.1	17300	19800	7500	10000
22210	50	90	23	1.1	19000	22500	7000	9500
22211	55	100	25	1.5	22400	26500	6300	8500
22212	60	110	28	1.5	27400	32800	5600	7500
22213	65	120	31	1.5	33300	41100	5000	7000
22214	70	125	31	1.5	33300	41800	5000	6700
22215	75	130	31	1.5	35500	46800	4800	6300
22216	80	140	33	2.0	39600	51300	4300	6000
22217	85	150	36	2.0	47200	60700	4000	5600
22218	90	160	40	2.0	56900	76400	3800	5300
22219	95	170	43	2.1	63400	84300	3600	4800
22220	100	180	46	2.1	69900	93300	3400	4500
22222	110	200	53	2.1	91700	126000	3000	4000
22224	120	215	58	2.1	105000	151000	2800	3800
22226	130	230	64	3.0	123000	180000	2600	3600
22228	140	250	68	3.0	137000	202000	2400	3200
22230	150	270	73	3.0	166000	243000	2200	3000
22232	160	290	80	3.0	194000	290000	2000	2800
22234	170	310	86	4.0	220000	328000	1900	2600
22236	180	320	86	4.0	227000	351000	1600	2600
22238	190	340	92	4.0	250000	382000	1700	2400
22240	200	360	98	4.0	286000	434000	1600	2200
22244	220	400	108	4.0	342000	531000	1500	2000
22248	240	440	120	4.0	429000	674000	1300	1800
22252	260	480	130	5.0	517000	798000	1200	1600

Suffix Numbering Systems:

Internal Structure and Retainer Types:

- CC = Symmetrical Rollers, Stamped Steel Retainer
- CA = Symmetrical Reinforced Roller, one-piece brass retainer
- E = Reinforced structure; Extra Life Quality.
- MB = Symmetrical reinforced Roller, Two piece Brass Retainers.

Outer Structures:

- W20 = With Three Lubricating Holes on Outer Race
- W33 = Lubricating Groove and Three Lubricating Holes on Outer Race.
- K = Tapered in Bore, Inner Race is Tapered.

Internal Clearances:

- C0 = Normal Internal Clearance (Standard will not indicate)
- C2 = Less than Normal Clearance, Tight.
- C3 = Larger Clearance than C0, Loose.
- C4 = Larger Clearance then C3, Extra Loose.

Working Temperatures:

- /S0 = Working Temp up to 150° C (standard will not indicate)
- /S1 = Working Temp up to 200° C
- /S2 = Working Temp up to 250° C
- /S3 = Working Temp up to 300° C
- /S4 = Working Temp up to 350° C

Material: SAE-52100 Chrome Steel