

STEERING GEAR BEARING – TYPE TSG

BA CONSTRUCTION

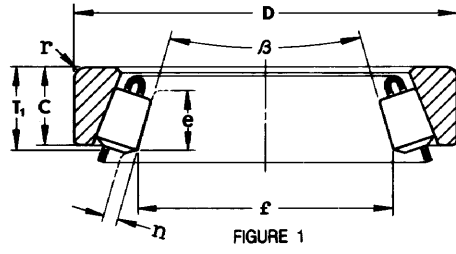


FIGURE 1

BC CONSTRUCTION

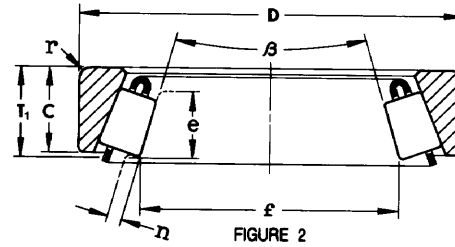


FIGURE 2

CAGE AND ROLLER						CUP			MAX. HOUSING FILLET RADIUS r	BA CONST. WIDTH T1	BC CONST. WIDTH T1	REMARKS
NUMBER	FIG. NO.	BASE DIA f	RACE LENGTH e	RIB HEIGHT n	CONE ANGLE	Number	OUTSIDE DIA. D	WIDTH C				
5 SERIES												
5BA	1	28.070	7.315	1.905	25°-24'	6	44.450	9.525	1.5	9.525	10.063	
	1	1.1051	0.2880	0.0750	25°-24'		1.7500	0.3750	0.06	0.3750	0.3962	
5BC	2	28.313	7.854	1.727	25°-24'	*6CE	49.146	19.050	CH	18.931	19.469	6CE: SPECIAL BACKFACE CHAMFER
	2	1.1147	0.3092	0.0680	25°-24'		1.9349	0.7500	CH	0.7453	0.7665	
						7	49.154	15.088	0.5	15.088	15.626	7A: STEPPED OD
							1.9352	0.5940	0.02	0.5940	0.6152	
						*7A	49.154	22.225	0.8	22.205	22.746	
							1.9352	0.8750	0.03	0.8742	0.8955	
						06	49.154	15.875	0.8	15.794	16.332	
							1.9352	0.6250	0.03	0.6218	0.6430	
11 SERIES												
11BA	1	33.010	7.610	1.981	29°-58'	13C	49.225	11.509	1.5	12.311	12.845	
	1	1.2996	0.2996	0.0780	29°-58'		1.9380	0.4531	0.06	0.4847	0.5057	
11BC	2	33.297	8.123	1.727	29°-58'	13X	49.609	11.509	1.5	12.311	12.845	
	2	1.3109	0.3198	0.0680	29°-58'		1.9531	0.4531	0.06	0.4847	0.5057	
						*14	53.917	16.172	CH	17.323	17.859	14: BACKFACE CHAMFER
							2.1227	0.6367	CH	0.6820	0.7031	
						*14C	57.092	17.094	CH	17.920	18.456	14C: SPECIAL BACKFACE CHAMFER
							2.2477	0.6730	CH	0.7055	0.7266	
						14CE	52.362	9.525	1.5	9.530	10.063	
							2.0615	0.3750	0.06	0.3752	0.3962	
						14XS	57.092	17.094	2.0	17.922	18.456	
							2.2477	0.6730	0.08	0.7056	0.7266	
15 SERIES												
15BA	1	36.086	7.315	1.981	32°-50'	16	51.994	11.908	1.5	13.127	13.658	
	1	1.4207	0.2880	0.0780	32°-50'		2.0470	0.4688	0.06	0.5168	0.5377	
15BC	2	36.398	7.826	1.727	32°-50'	17	51.994	12.189	1.5	13.106	13.637	
	2	1.4330	0.3081	0.0680	32°-50'		2.0470	0.4799	0.06	0.5160	0.5369	
						*18	66.604	23.876	CH	25.095	25.626	18: SPECIAL BACKFACE CHAMFER
							2.6222	0.9400	CH	0.9880	1.0089	
21 SERIES												
21BA	1	34.557	9.525	2.286	29°-20'	23	55.524	11.113	1.5	12.700	–	
	1	1.3605	0.3750	0.0900	29°-20'		2.1860	0.4375	0.06	0.5000	–	
21BC	2	34.930	10.231	2.057	29°-20'	24	55.524	11.908	1.5	12.692	13.406	
	2	1.3752	0.4028	0.0810	29°-20'		2.1860	0.4688	0.06	0.4997	0.5278	
31 SERIES												
31BA	1	40.193	9.525	3.100	29°-36'	32	61.087	11.113	1.5	12.700	–	
	1	1.5824	0.3750	0.1220	29°-36'		2.4050	0.4375	0.06	0.5000	–	
31BC	2	40.620	10.338	2.794	29°-36'	32C	61.087	11.908	1.5	12.705	13.513	
	2	1.5992	0.4070	0.1100	29°-36'		2.4050	0.4688	0.06	0.5002	0.5320	
						32X	58.738	11.908	1.5	12.705	13.513	
							2.3125	0.4688	0.06	0.5002	0.5320	
						33	66.637	11.113	1.5	12.700	–	
							2.6235	0.4375	0.06	0.5000	–	

①These Maximum Fillet Radii will be cleared by the Cone or Cup Radii.
*See Remarks Column.

STEERING GEAR SERIES CONTINUED ON NEXT PAGE

11