

# Double Row TNA Series

Bearing Dimensions(mm/in.)				Load Ratings(N/lbf)								Bearing Dimensions(mm/in.)										
				Dynamic <sup>(1)</sup>		Factors <sup>(2)</sup>		Dynamic <sup>(3)</sup>		Factors <sup>(2)</sup>		Shaft				Housing				Pin(mm/in.)		Bearing Weight(kg/lbs.)
T	C	C <sub>1(2)</sub>	e	Y <sub>1</sub>	Y <sub>2</sub>	C <sub>90</sub>	C <sub>290</sub>	C <sub>90(2)</sub>	K	Inner	Outer	Max. Shaft Fillet Radius R <sup>(4)</sup>	Backing Shoulder Dia. d <sub>b</sub>	Max. Housing Fillet Radius r <sup>(4)</sup>	Backing Shoulder Dia. D <sub>a</sub>	K <sub>a</sub>	K <sub>b</sub>					
19.05	47	31.75	25.212	46500	0.36	1.89	2.82	6930	4230	12100	1.64	NA05075	05185D	1.3	25	0.8	42.5	-	-	0.23		
0.75	1.8504	1.25	0.9926	10500	0.36	1.89	2.82	1560	952	2710	1.64	NA05075	05185D	0.05	0.98	0.03	1.67	-	-	0.51		
24.981	62	39.688	36.258	75300	0.38	1.77	2.63	11200	7340	19500	1.53	NA17098	17245D	1.5	33	0.8	57	-	-	0.62		
0.9835	2.4409	1.5625	1.4275	16900	0.38	1.77	2.63	2520	1650	4390	1.53	NA17098	17245D	0.06	1.3	0.03	2.24	-	-	1.36		
28.575	74.612	55.565	41.275	121000	0.6	1.12	1.67	18100	18600	31500	0.97	NA41125	41294D	2.3	43	1.5	68	-	-	1.12		
1.125	2.9375	2.1876	1.625	27300	0.6	1.12	1.67	4060	4190	7080	0.97	NA41125	41294D	0.09	1.69	0.06	2.68	-	-	2.45		
29.987	71.973	42.76	36.512	102000	0.36	1.87	2.79	18100	11100	31400	1.62	NA26118	26284D	1.5	38	0.8	65	-	-	0.84		
1.1806	2.8336	1.6835	1.4375	23000	0.36	1.87	2.79	4060	2500	7070	1.62	NA26118	26284D	0.06	1.5	0.03	2.56	-	-	1.87		
31.75	58.738	32.542	24.608	55200	0.47	1.42	2.12	8220	6670	14300	1.23	NA08125	08231D	1.5	38.5	0.4	55	-	-	0.35		
1.25	2.3125	1.2812	0.9688	12400	0.47	1.42	2.12	1850	1500	3220	1.23	NA08125	08231D	0.06	1.52	0.02	2.17	-	-	0.79		
33.337	80.962	55.562	39.688	135000	0.67	1.01	1.5	20100	23000	35000	0.87	NA43131	43319D	2.3	48.5	1.5	74	-	-	1.28		
1.3125	3.1875	2.1875	1.5625	30400	0.67	1.01	1.5	4520	5170	7880	0.87	NA43131	43319D	0.09	1.91	0.06	2.91	-	-	2.82		
34.925	69.012	46.04	38.1	95100	0.38	1.77	2.63	14200	9260	24600	1.53	NA14138	14276D	3.5	46	0.8	63	-	-	0.7		
1.375	2.717	1.8126	1.5	21400	0.38	1.77	2.63	3180	2080	5540	1.53	NA14138	14276D	0.14	1.81	0.03	2.48	-	-	1.56		
34.976	80.035	46.04	34.925	111000	0.4	1.68	2.5	19500	13400	34000	1.45	NA28138	28318D	1.5	43.5	0.8	73	-	-	1.04		
1.377	3.151	1.8126	1.375	24800	0.4	1.68	2.5	4390	3020	7640	1.45	NA28138	28318D	0.06	1.71	0.03	2.87	-	-	2.32		
36.512	92.075	55.562	39.688	147000	0.78	0.86	1.29	25900	34600	45000	0.75	NA44143	44363D	0.8	51	1.5	85	-	-	1.73		
1.4375	3.625	2.1875	1.5625	32900	0.78	0.86	1.29	5810	7770	10100	0.75	NA44143	44363D	0.03	2.01	0.06	3.35	-	-	3.85		
38.1	69.012	46.035	38.1	98700	0.4	1.68	2.5	17400	12000	30300	1.45	NA13687	13621D	2	46.5	0.8	65	-	-	0.67		
1.5	2.717	1.8124	1.5	22200	0.4	1.68	2.5	3920	2700	6820	1.45	NA13687	13621D	0.08	1.83	0.03	2.56	-	-	1.48		
39.687	88.5	55.562	39.688	147000	0.78	0.86	1.29	21800	29200	38000	0.75	NA44156	44348D	2.3	56	0.6	84	-	-	1.48		
1.5625	3.4843	2.1875	1.5625	32900	0.78	0.86	1.29	4910	6560	8540	0.75	NA44156	44348D	0.09	2.2	0.03	3.31	-	-	3.26		
39.687	92.075	55.562	39.688	147000	0.78	0.86	1.29	21800	29200	38000	0.75	NA44156	44363D	2.3	56	1.5	85	-	-	1.65		
1.5625	3.625	2.1875	1.5625	32900	0.78	0.86	1.29	4910	6560	8540	0.75	NA44156	44363D	0.09	2.2	0.06	3.35	-	-	3.65		
40	90.119	50.8	44.45	142000	0.31	2.2	3.28	21200	11100	36900	1.91	NA357	353D	1.5	49	0.8	82	-	-	1.54		
1.5748	3.548	2	1.75	32000	0.31	2.2	3.28	4770	2500	8310	1.91	NA357	353D	0.06	1.93	0.03	3.23	-	-	3.39		
41.275	92.075	55.562	39.688	174000	0.78	0.86	1.29	25900	34600	45000	0.75	NA44163	44363D	0.8	54	1.5	85	-	-	1.61		
1.625	3.625	2.1875	1.5625	39100	0.78	0.86	1.29	5810	7770	10100	0.75	NA44163	44363D	0.03	2.13	0.06	3.35	-	-	3.57		
43.658	82.55	44.45	34.925	135000	0.43	1.57	2.34	20100	14800	35000	1.36	NA22171	22325D	2.3	53	0.8	76	-	-	1.01		
1.7188	3.25	1.75	1.375	30300	0.43	1.57	2.34	4510	3320	7860	1.36	NA22171	22325D	0.09	2.09	0.03	2.99	-	-	2.21		