Single Row TSF Series

Bearing Dimensions (mm/in.)			Load Ratings							رقم القطعة:		Bearing Dimensions (mm/in.)						Shaft	Housing	Geometry Factors			
			Dynamic[1]	Factors[2]		Dynamic[3]		Factors[2]	Static									Backing Shoulder Dia.	Backing Shoulder Dia.				
Bore d	O.D. D	Width T	C_1	e	Y	C_{90}	C_{a90}	K	C	Inner	Outer	Width B	Width C	Eff. Ctr a[4]	Outer Ring Flange O.D. D_1	Flange Width C_2	Max Shaft Fillet Radius R[5]	D_a	D_b	D_a	C_1	C_2	C_g	Bearing Weight (kg lbs.)
			N lbf			N lbf	N lbf		N lbf															
7.937	31.991	4.458	10800	0.41	1.48	2800	1940	1.44	9230	A2031	A2126-B	10.785	7.938	-3	35.166	2.388	0.5	12.5	13	30	1.7	3.2	0.0308	0.05
0.3125	1.2595	0.1755	2430	0.41	1.48	630	437	1.44	2070	A2031	A2126-B	0.4246	0.3125	-0.12	1.3845	0.094	0.02	0.49	0.51	1.18	1.7	3.2	0.0308	0.11
9.525	31.991	4.458	10800	0.41	1.48	2800	1940	1.44	9230	A2037	A2126-B	10.785	7.938	-3	35.166	2.388	1.3	13.5	15	30	1.7	3.2	0.0308	0.05
0.375	1.2595	0.1755	2430	0.41	1.48	630	437	1.44	2070	A2037	A2126-B	0.4246	0.3125	-0.12	1.3845	0.094	0.05	0.53	0.59	1.18	1.7	3.2	0.0308	0.11
**11.987	31.991	4.458	10800	0.41	1.48	2800	1940	1.44	9230	A2047	A2126-B	10.785	7.938	-3	35.166	2.388	0.8	15.5	16.5	30	1.7	3.2	0.0308	0.04
0.4719	1.2595	0.1755	2430	0.41	1.48	630	437	1.44	2070	A2047	A2126-B	0.4246	0.3125	-0.12	1.3845	0.094	0.03	0.61	0.65	1.18	1.7	3.2	0.0308	0.1
12.7	34.988	4.63	13200	0.45	1.32	3410	2640	1.29	11500	A4050	A4138-B	10.988	8.73	-2.5	38.062	2.362	1.3	17	18.5	33.5	2.3	4.1	0.0355	0.05
0.5	1.3775	0.1823	2960	0.45	1.32	767	594	1.29	2580	A4050	A4138-B	0.4326	0.3437	-0.1	1.4985	0.093	0.05	0.67	0.73	1.32	2.3	4.1	0.0355	0.12
**14.989	34.988	4.63	13200	0.45	1.32	3410	2640	1.29	11500	A4059	A4138-B	10.988	8.73	-2.5	38.062	2.362	0.8	19	19.5	33.5	2.3	4.1	0.0355	0.04
0.5901	1.3775	0.1823	2960	0.45	1.32	767	594	1.29	2580	A4059	A4138-B	0.4326	0.3437	-0.1	1.4985	0.093	0.03	0.75	0.77	1.32	2.3	4.1	0.0355	0.12
15.875	47	6.038	26700	0.36	1.68	6930	4230	1.64	25400	5062	05185-B	14.381	11.112	-4.1	50.861	2.769	1.5	21	23.5	44.5	5.8	5.5	0.0448	0.14
0.625	1.8504	0.2377	6010	0.36	1.68	1560	952	1.64	5720	5062	05185-B	0.5662	0.4375	-0.16	2.0024	0.109	0.06	0.83	0.93	1.75	5.8	5.5	0.0448	0.31
15.875	42.862	6.35	31400	0.33	1.81	8150	4620	1.76	29200	17580	17520-B	16.67	13.495	-5.8	45.936	3.175	1.5	21	23	40.5	5.3	4.5	0.0423	0.12
0.625	1.6875	0.25	7070	0.33	1.81	1830	1040	1.76	6560	17580	17520-B	0.6563	0.5313	-0.23	1.8085	0.125	0.06	0.83	0.91	1.59	5.3	4.5	0.0423	0.29
15.875	39.992	4.851	13400	0.53	1.14	3480	3140	1.11	12300	A6062	A6157-B	11.153	9.525	-1.5	43.066	2.362	1.3	20.5	22	38	2.9	5.6	0.0404	0.09
0.625	1.5745	0.191	3020	0.53	1.14	782	705	1.11	2770	A6062	A6157-B	0.4391	0.375	-0.06	1.6955	0.093	0.05	0.81	0.87	1.5	2.9	5.6	0.0404	0.17
16.993	47	6.038	26700	0.36	1.68	6930	4230	1.64	25400	5066	05185-B	14.381	11.112	-4.1	50.861	2.769	1.5	22	24.5	44.5	5.8	5.5	0.0448	0.14
0.669	1.8504	0.2377	6010	0.36	1.68	1560	952	1.64	5720	5066	05185-B	0.5662	0.4375	-0.16	2.0024	0.109	0.06	0.87	0.96	1.75	5.8	5.5	0.0448	0.3
16.993	39.992	4.851	13400	0.53	1.14	3480	3140	1.11	12300	A6067	A6157-B	11.153	9.525	-1.5	43.066	2.362	0.8	21	22	38	2.9	5.6	0.0404	0.09
0.669	1.5745	0.191	3020	0.53	1.14	782	705	1.11	2770	A6067	A6157-B	0.4391	0.375	-0.06	1.6955	0.093	0.03	0.83	0.87	1.5	2.9	5.6	0.0404	0.17
19.05	56.896	7.455	45400	0.31	1.95	11800	6200	1.9	45300	1775	1729-B	19.837	15.875	-6.9	60.757	3.962	1.5	25	27	53	10.6	5.4	0.0521	0.27
0.75	2.24	0.2935	10200	0.31	1.95	2650	1390	1.9	10200	1775	1729-B	0.781	0.625	-0.27	2.392	0.156	0.06	0.98	1.06	2.09	10.6	5.4	0.0521	0.62
19.05	53.975	10.317	55100	0.59	1.02	14300	14400	0.99	42500	21075	21212-B	21.839	15.875	-5.8	57.841	3.967	1.5	26	31.5	52	7	4.1	0.0558	0.26
0.75	2.125	0.4062	12400	0.59	1.02	3210	3250	0.99	9560	21075	21212-B	0.8598	0.625	-0.23	2.2772	0.1562	0.06	1.03	1.24	2.05	7	4.1	0.0558	0.57
19.05	49.225	6.998	42800	0.27	2.26	11100	5050	2.2	40500	9067	09195AB	19.05	14.288	-7.4	53.081	3.251	1.3	24	25.5	46.5	8	4	0.0452	0.18
0.75	1.938	0.2755	9630	0.27	2.26	2500	1140	2.2	9100	9067	09195AB	0.75	0.5625	-0.29	2.0898	0.128	0.05	0.94	1	1.83	8	4	0.0452	0.4
19.05	47	6.038	26700	0.36	1.68	6930	4230	1.64	25400	5075	05185-B	14.381	11.112	-4.1	50.861	2.769	1.3	23.5	25	44.5	5.8	5.5	0.0448	0.13
0.75	1.8504	0.2377	6010	0.36	1.68	1560	952	1.64	5720	5075	05185-B	0.5662	0.4375	-0.16	2.0024	0.109	0.05	0.93	0.98	1.75	5.8	5.5	0.0448	0.29
19.05	47	14.381	26700	0.36	1.68	6930	4230	1.64	25400	05075X	05185-B	14.381	11.112	-4.1	50.861	2.769	1.5	23.5	25.4	44.5	5.8	5.5	0.0448	0.13
0.75	1.8504	0.5662	6010	0.36	1.68	1560	952	1.64	5720	05075X	05185-B	0.5662	0.4375	-0.16	2.0024	0.109	0.06	0.93	1	1.75	5.8	5.5	0.0448	0.29