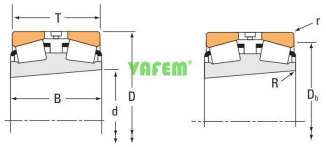
Double Row TDIT Series





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Bearing Dimensions(mm/in.)					Load Ratings(N/lbf)								Part Number		Bearing Dimensions(mm/in.)			Geometry Factors			
					Dynamic[1]	Factors[2]			Dynamic[3]			Factors[2]			Shaft	Housing					
d	Taper	D	T	B	$C_{1(2)}$	e	Y_1	Y_2	C_{90}	C_{a90}	$C_{90(2)}$	K	Inner	Outer	Max. Shaft Fillet Radius R[4]	Max. Housing Fillet Radius r[4]	Backing Shoulder Dia. D_b	G_1	G_2	C_g	Bearing Weight(kg/lbs.)
37.037	1:19.2	72	39.096	38.1	83400	0.44	1.52	2.26	12400	9440	21600	1.31	19146TD	19283	0.8	1.5	63	17.5	11.5	0.0694	0.71
1.4581	1:19.2	2.8346	1.5392	1.5	18700	0.44	1.52	2.26	2790	2120	4860	1.31	19146TD	19283	0.03	0.06	2.48	17.5	11.5	0.0694	1.58
100.211	1:19.2	168.275	95.25	95.25	435000	0.47	1.43	2.14	64800	52200	113000	1.24	688TD	672	0.8	3.3	149	182.5	37.3	0.1056	8.38
3.9453	1:19.2	6.625	3.75	3.75	97800	0.47	1.43	2.14	14600	11700	25400	1.24	688TD	672	0.03	0.13	5.87	182.5	37.3	0.1056	18.46
101.6	1:12	190.5	117.475	127	878000	0.33	2.02	3	131000	74900	228000	1.74	HH221449TD	HH221410	0.8	3.3	171	265.6	28.4	0.1072	14.9
4	1:12	7.5	4.625	5	197000	0.33	2.02	3	29400	16800	51100	1.74	HH221449TD	HH221410	0.03	0.13	6.73	265.6	28.4	0.1072	32.87
115.888	1:19.2	190.5	107.95	111.125	598000	0.42	1.62	2.42	89000	63400	155000	1.4	71457TD	71750	1.5	3.3	171	269.2	49.5	0.1156	12.08
4.5625	1:19.2	7.5	4.25	4.375	134000	0.42	1.62	2.42	20000	14300	34800	1.4	71457TD	71750	0.06	0.13	6.73	269.2	49.5	0.1156	26.63
206.375	1:12	336.55	180.975	184.15	2230000	0.33	2.03	3.02	332000	189000	578000	1.76	H242649TD	H242610	1.5	3.3	306	1404.1	134.8	0.1465	49.31
8.125	1:12	13.25	7.125	7.25	501000	0.33	2.03	3.02	74600	42500	130000	1.76	H242649TD	H242610	0.06	0.13	12.05	1404.1	134.8	0.1465	108.74
209.55	1:12	317.5	184.15	184.15	1200000	0.52	1.29	1.92	179000	160000	312000	1.12	93826TD	93125	1.5	3.3	286	912.5	126.1	0.146	45.37
8.25	1:12	12.5	7.25	7.25	270000	0.52	1.29	1.92	40200	36100	70100	1.12	93826TD	93125	0.06	0.13	11.26	912.5	126.1	0.146	100.05
214.973	1:12	285.75	92.075	92.075	707000	0.48	1.4	2.09	105000	86700	183000	1.21	LM742746TD	LM742710	1.5	3.3	266	866.9	225.2	0.1388	16
8.4635	1:12	11.25	3.625	3.625	159000	0.48	1.4	2.09	23700	19500	41200	1.21	LM742746TD	LM742710	0.06	0.13	10.47	866.9	225.2	0.1388	35.25
219.075	1:12	358.775	196.85	200.025	2520000	0.33	2.03	3.02	375000	213000	652000	1.76	H244848TD	H244810	1.5	6.4	323	1631.9	150	0.154	83.34
8.625	1:12	14.125	7.75	7.875	566000	0.33	2.03	3.02	84200	47900	147000	1.76	H244848TD	H244810	0.06	0.25	12.72	1631.9	150	0.154	183.74
219.936	1:12	314.325	115.888	123.822	1210000	0.33	2.03	3.02	180000	103000	314000	1.76	M244246TD	M244210	1.5	3.3	293	1149.7	141.4	0.136	31.68
8.6589	1:12	12.375	4.5625	4.8749	272000	0.33	2.03	3.02	40500	23100	70500	1.76	M244246TD	M244210	0.06	0.13	11.54	1149.7	141.4	0.136	69.85
234.95	1:12	355.6	165.1	165.1	1390000	0.33	2.04	3.04	206000	117000	359000	1.77	EE130926TD	131400	1.5	1.5	329	1162	167.6	0.1358	51.55
9.25	1:12	14	6.5	6.5	312000	0.33	2.04	3.04	46400	26200	80800	1.77	EE130926TD	131400	0.06	0.06	12.95	1162	167.6	0.1358	113.66
234.95	1:12	355.6	184.15	184.15	1390000	0.33	2.04	3.04	206000	117000	359000	1.77	EE130927TD	131400	1.5	1.5	329	1162	167.6	0.1358	54.2
9.25	1:12	14	7.25	7.25	312000	0.33	2.04	3.04	46400	26200	80800	1.77	EE130927TD	131400	0.06	0.06	12.95	1162	167.6	0.1358	119.51
243.152	1:12	327.025	92.075	101.6	987000	0.32	2.1	3.13	147000	80800	256000	1.82	LM247747TD	LM247710	1.5	3.3	310	1173.3	243.9	0.1345	23.7
9.5729	1:12	12.875	3.625	4	222000	0.32	2.1	3.13	33000	18200	57500	1.82	LM247747TD	LM247710	0.06	0.13	12.2	1173.3	243.9	0.1345	52.24
252.412	1:12	358.775	130.175	139.7	1590000	0.33	2.03	3.02	237000	135000	413000	1.76	M249746TD	M249710	1.5	3.3	335	1626	173	0.1526	45.97
9.9375	1:12	14.125	5.125	5.5	358000	0.33	2.03	3.02	53300	30300	92800	1.76	M249746TD	M249710	0.06	0.13	13.19	1626	173	0.1526	101.36
263.525	1:12	400.05	196.847	192.088	1440000	0.39	1.71	2.55	215000	145000	374000	1.48	EE221039TD	221575	1.5	6.4	366	1320.8	207.5	0.1497	70.69
10.375	1:12	15.75	7.7499	7.5625	324000	0.39	1.71	2.55	48200	32600	84000	1.48	EE221039TD	221575	0.06	0.25	14.41	1320.8	207.5	0.1497	155.85
266.7	1:12	355.6	107.95	109.538	1400000	0.36	1.87	2.79	209000	129000	363000	1.62	LM451349TD	LM451310	1.5	3.3	335	1554.1	212.2	0.1536	30.99
10.5	1:12	14	4.25	4.3125	315000	0.36	1.87	2.79	46900	28900	81600	1.62	LM451349TD	LM451310	0.06	0.13	13.19	1554.1	212.2	0.1536	68.32