

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)		
						Input Shaft Revolution(rpm)									
						30	40	50	60	75	100	150		200	
4	240	TLX-100	MCV 33	1	335.4	214.6	196.8	184.1	174.3	163.0	149.5	132.4	121.4	1.284	
		TLX-125			1148.3	434.4	398.5	372.7	352.9	330.0	302.7	268.0	245.9	3.868	
		TLX-150	MS		1026.7	745.4	683.8	639.5	605.5	566.3	519.5	460.0	421.9	7.407	
		TLX-175			2304.2	901.6	827.1	773.5	732.3	684.9	628.3	556.3	510.3	16.905	
	270	TLX-100	MS		1	335.4	208.8	191.5	179.1	169.6	158.6	145.5	128.8	118.2	0.850
		TLX-125				1148.3	429.7	394.2	368.7	349.1	326.5	299.5	265.2	243.2	2.561
		TLX-150				1026.7	739.0	677.9	634.0	600.2	561.4	515.0	456.0	418.3	5.852
		TLX-175				2304.2	897.9	823.7	770.3	729.3	682.1	625.7	554.1	508.2	13.357
		TLX-254		5416.4		2424.6	2224.1	2080.1	1969.4	1841.9	1689.6	1496.1	1372.4	32.880	
		TLX-305		6572.7		2827.1	2593.3	2425.4	2296.3	2147.6	1970.0	1744.4	1600.2	125.274	
		TLX-350		13547.5		5832.9	5350.6	5004.1	4737.8	4431.0	4064.6	3599.1	3301.5	157.527	
		TLX-450		24515.7		9281.9	8514.4	7963.1	7539.2	7051.0	6468.0	5727.2	5253.7	425.620	
	300	TLX-100	MS	1	335.4	205.7	188.7	176.5	167.1	156.2	143.3	126.9	116.4	0.688	
		TLX-125			1148.3	427.1	391.7	366.4	346.9	324.4	297.6	263.5	241.7	2.074	
		TLX-150			1026.7	731.0	670.6	627.1	593.8	555.3	509.4	451.1	413.8	4.740	
		TLX-175			2304.2	890.8	817.2	764.3	723.6	676.7	620.8	549.7	504.2	10.819	
		TLX-254			5416.4	2407.6	2208.6	2065.6	1955.6	1829.0	1677.7	1485.6	1362.8	26.633	
		TLX-305			6572.7	2805.4	2573.4	2406.8	2278.7	2131.2	1954.9	1731.0	1587.9	101.472	
		TLX-350			13547.5	5736.5	5262.2	4921.4	4659.5	4357.8	3997.5	3539.6	3246.9	127.597	
		TLX-450			24515.7	9107.4	8354.3	7813.4	7397.5	6918.5	6346.4	5619.6	5154.9	344.752	
		330	TLX-100		MS	335.4	201.9	185.2	173.2	164.0	153.4	140.7	124.6	114.3	0.569
			TLX-125			1148.3	424.0	388.9	363.7	344.4	322.1	295.5	261.6	240.0	1.714
			TLX-150			1026.7	722.2	662.5	619.6	586.6	548.6	503.2	445.6	408.8	3.918
			TLX-175			2304.2	883.1	810.1	757.6	717.3	670.9	615.4	544.9	499.8	8.941
			TLX-254			5416.4	2378.9	2182.2	2040.9	1932.3	1807.2	1657.7	1467.9	1346.5	22.011
			TLX-305			6572.7	2774.9	2545.4	2380.6	2253.9	2107.9	1933.7	1712.2	1570.6	83.861
			TLX-350			13547.5	5637.8	5171.6	4836.7	4579.3	4282.8	3928.6	3478.7	3191.1	105.452
			TLX-450			24515.7	8935.6	8196.8	7666.0	7258.0	6788.0	6226.7	5513.6	5057.7	284.919
5	210	TLX-100	MS	1	208.1	168.5	154.6	144.6	136.9	128.0	117.4	104.0	95.4	1.108	
		TLX-125			631.5	301.8	276.9	259.0	245.2	229.3	210.3	186.2	170.8	3.279	
		TLX-150			1315.6	541.4	496.6	464.5	439.7	411.3	377.3	334.0	306.4	7.667	
		TLX-175			1261.8	993.3	911.2	852.2	806.8	754.6	692.2	612.9	562.2	17.694	
		TLX-254			5416.4	2512.4	2304.7	2155.4	2040.7	1908.6	1750.8	1550.2	1422.1	42.372	
		TLX-305			11092.0	4097.5	3758.7	3515.3	3328.2	3112.7	2855.3	2528.3	2319.2	172.782	
		TLX-350			13547.5	6135.2	5627.9	5263.5	4983.3	4660.6	4275.3	3785.6	3472.6	203.302	
		TLX-450			34202.5	11688.5	10722.1	10027.8	9494.0	8879.3	8145.1	7212.2	6615.9	585.669	

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

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No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
5	240	TLX-100	MS	1	208.1	166.7	152.9	143.0	135.4	126.6	116.2	102.9	94.4	0.849
		TLX-125			631.5	299.8	275.0	257.2	243.5	227.8	208.9	185.0	169.7	2.510
		TLX-150			1026.7	827.2	758.8	709.7	671.9	628.4	576.5	510.4	468.2	6.024
		TLX-175			2304.2	1010.8	927.3	867.2	821.1	767.9	704.4	623.7	572.2	13.704
		TLX-254			5416.4	2497.8	2291.3	2142.9	2028.9	1897.5	1740.6	1541.3	1413.8	32.441
		TLX-305			11092.0	4075.7	3738.7	3496.6	3310.5	3096.1	2840.1	2514.8	2306.9	132.286
		TLX-350			13547.5	6038.9	5539.5	5180.8	4905.1	4587.5	4208.1	3726.2	3418.1	155.653
		TLX-450			34202.5	11459.1	10511.6	9831.0	9307.7	8705.0	7985.2	7070.6	6486.0	448.403
	270	TLX-100	MS	1	335.4	226.8	208.1	194.6	184.2	172.3	158.1	140.0	128.4	0.689
		TLX-125			506.4	464.7	426.3	398.7	377.5	353.0	323.8	286.7	263.0	2.046
		TLX-150			1026.7	813.5	746.2	697.9	660.7	618.0	566.9	501.9	460.4	4.760
		TLX-175			2304.2	999.5	916.9	857.5	811.9	759.3	696.5	616.7	565.7	10.828
		TLX-254			5416.4	2474.8	2270.1	2123.1	2010.1	1880.0	1724.5	1527.0	1400.8	25.632
		TLX-305			11092.0	4039.9	3705.9	3465.9	3281.4	3068.9	2815.2	2492.7	2286.6	104.523
		TLX-350			13547.5	5926.1	5436.1	5084.1	4813.5	4501.8	4129.6	3656.6	3354.3	122.985
		TLX-450			34202.5	11204.4	10278.0	9612.5	9100.8	8511.5	7807.8	6913.5	6341.9	354.294
	300	TLX-100	MS	1	335.4	221.7	203.3	190.2	180.1	168.4	154.5	136.8	125.5	0.558
		TLX-125			506.4	460.2	422.2	394.8	373.8	349.6	320.7	284.0	260.5	1.658
		TLX-150			1026.7	790.1	724.8	677.8	641.8	600.2	550.6	487.5	447.2	3.855
		TLX-175			2304.2	988.7	907.0	848.2	803.1	751.1	689.0	610.1	559.6	8.771
		TLX-254			5416.4	2450.9	2248.2	2102.7	1990.7	1861.8	1707.9	1512.3	1387.2	20.762
		TLX-305			11092.0	4002.8	3671.8	3434.0	3251.3	3040.7	2789.3	2469.8	2265.6	84.663
		TLX-350			13547.5	5813.4	5332.7	4987.4	4721.9	4416.2	4051.0	3587.1	3290.5	99.618
		TLX-450			34202.5	10981.3	10073.3	9421.0	8919.6	8342.0	7652.2	6775.8	6215.6	286.978
	330	TLX-100	MS	1	335.4	216.2	198.3	185.5	175.6	164.2	150.7	133.4	122.4	0.461
		TLX-125			506.4	451.2	413.9	387.1	366.5	342.8	314.4	278.4	255.4	1.370
		TLX-150			1026.7	767.4	703.9	658.3	623.3	582.9	534.7	473.5	434.3	3.186
		TLX-175			2304.2	974.2	893.7	835.8	791.3	740.1	678.9	601.1	551.4	7.249
TLX-254		5416.4			2422.3	2222.0	2078.2	1967.5	1840.1	1688.0	1494.7	1371.1	17.159	
TLX-305		11092.0			3957.7	3630.5	3395.4	3214.7	3006.5	2757.9	2442.1	2240.1	69.970	
TLX-350		13547.5			5708.0	5236.0	4897.0	4636.3	4336.1	3977.6	3522.0	3230.8	82.329	
TLX-450		34202.5			10767.6	9877.2	9237.7	8746.0	8179.7	7503.3	6643.9	6094.6	237.172	
6	120	TLX-305	MS	1	4136.2	1765.1	1619.1	1514.3	1433.7	1340.9	1230.0	1089.1	999.1	409.355
		TLX-350			4163.7	2458.3	2255.0	2109.0	1996.8	1867.5	1713.1	1516.9	1391.4	470.843
		TLX-450			16620.8	8163.8	7488.8	7003.9	6631.1	6201.7	5688.9	5037.4	4620.8	1357.578
	150	TLX-175	MS	1	864.8	428.6	393.2	367.7	348.2	325.6	298.7	264.5	242.6	27.914

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

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						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
6	150	TLX-254	MS	1	3408.6	1531.0	1404.4	1313.4	1243.5	1163.0	1066.8	944.7	866.5	65.164
		TLX-305			4163.7	2435.1	2233.7	2089.1	1977.9	1849.8	1696.9	1502.5	1378.3	264.864
		TLX-350			9642.0	4377.7	4015.8	3755.7	3555.8	3325.6	3050.6	2701.2	2477.9	317.230
		TLX-450			16620.8	8019.4	7356.4	6880.0	6513.8	6092.0	5588.3	4948.3	4539.1	868.850
	180	TLX-100	MCV 33	1	208.1	186.7	171.3	160.2	151.7	141.8	130.1	115.2	105.7	1.513
		TLX-125	MS		420.5	318.4	292.1	273.2	258.6	241.9	221.9	196.5	180.2	3.697
		TLX-150			580.2	578.4	530.6	496.2	469.8	439.4	403.0	356.9	327.4	8.670
		TLX-175			695.9	670.5	615.0	575.2	544.6	509.3	467.2	413.7	379.5	19.653
		TLX-254			3431.2	2093.9	1920.8	1796.4	1700.8	1590.7	1459.1	1292.0	1185.2	46.612
		TLX-305			6572.7	3235.7	2968.1	2776.0	2628.2	2458.0	2254.8	1996.5	1831.4	187.911
		TLX-350			11092.0	4421.6	4056.0	3793.3	3591.4	3358.9	3081.1	2728.2	2502.7	225.146
		TLX-450			24515.7	10807.8	9914.1	9272.2	8778.6	8210.2	7531.3	6668.8	6117.4	638.430
	210	TLX-100		MS	1	208.1	182.0	167.0	156.2	147.9	138.3	126.9	112.3	103.0
		TLX-125	420.5			314.8	288.8	270.1	255.7	239.2	219.4	194.3	178.2	2.716
		TLX-150	580.2			570.6	523.4	489.5	463.4	433.4	397.6	352.1	323.0	6.370
		TLX-175	1577.9			683.2	626.7	586.2	555.0	519.0	476.1	421.6	386.7	14.573
		TLX-254	3431.2			2077.1	1905.3	1782.0	1687.1	1577.9	1447.4	1281.6	1175.6	34.246
		TLX-305	6572.7			3212.0	2946.4	2755.6	2608.9	2440.0	2238.2	1981.9	1818.0	138.057
		TLX-350	13547.5			6619.3	6072.0	5678.8	5376.6	5028.4	4612.7	4084.4	3746.6	173.601
		TLX-450	24515.7			10561.4	9688.1	9060.8	8578.5	8023.1	7359.7	6516.8	5977.9	469.050
	240	TLX-100	MS	1	208.1	178.0	163.3	152.8	144.6	135.3	124.1	109.9	100.8	0.713
		TLX-125			420.5	308.4	282.9	264.6	250.5	234.3	214.9	190.3	174.6	2.080
		TLX-150			1315.6	578.4	530.6	496.3	469.8	439.4	403.1	356.9	327.4	4.949
		TLX-175			1261.8	1072.2	983.5	919.9	870.9	814.5	747.2	661.6	606.9	11.413
		TLX-254			5416.4	2726.1	2500.7	2338.8	2214.3	2070.9	1899.7	1682.1	1543.0	27.743
		TLX-305			9642.0	4312.3	3955.8	3699.6	3502.7	3275.9	3005.0	2660.9	2440.8	109.670
		TLX-350			13547.5	6487.9	5951.5	5566.1	5269.8	4928.6	4521.1	4003.3	3672.3	132.914
		TLX-450			34202.5	12233.7	11222.2	10495.5	9936.9	9293.5	8525.0	7548.6	6924.5	386.294
	270	TLX-100	MS	1	335.4	239.2	219.4	205.2	194.3	181.7	166.7	147.6	135.4	0.582
		TLX-125			420.5	301.3	276.4	258.5	244.7	228.9	210.0	185.9	170.5	1.643
		TLX-150			1315.6	567.8	520.8	487.1	461.2	431.3	395.7	350.3	321.4	3.910
		TLX-175			2304.2	1082.3	992.8	928.5	879.1	822.2	754.2	667.8	612.6	9.142
TLX-254		5416.4			2690.2	2467.8	2308.0	2185.1	2043.6	1874.7	1660.0	1522.7	21.920	
TLX-305		11092.0			4388.8	4025.9	3765.2	3564.8	3334.0	3058.3	2708.0	2484.1	88.807	
TLX-350		13547.5			6344.9	5820.3	5443.4	5153.7	4819.9	4421.4	3915.0	3591.3	105.018	
TLX-450		34202.5			11954.5	10966.0	10255.9	9710.0	9081.3	8330.4	7376.3	6766.4	305.220	

Notes

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						Input Shaft Revolution (rpm)								
						30	40	50	60	75	100	150		200
6	300	TLX-100	MS	1	335.4	232.2	213.0	199.2	188.6	176.4	161.8	143.2	131.4	0.472
		TLX-125			420.5	293.9	269.6	252.1	238.7	223.2	204.8	181.3	166.3	1.331
		TLX-150			1315.6	558.1	512.0	478.8	453.3	424.0	388.9	344.4	315.9	3.167
		TLX-175			2304.2	1065.1	977.0	913.8	865.1	809.1	742.2	657.2	602.9	7.405
		TLX-254			5416.4	2646.5	2427.7	2270.5	2149.6	2010.4	1844.2	1633.0	1498.0	17.755
		TLX-305			11092.0	4332.3	3974.1	3716.7	3518.9	3291.0	3018.9	2673.2	2452.1	71.934
		TLX-350			13547.5	6208.1	5694.8	5326.0	5042.5	4716.0	4326.1	3830.6	3513.9	85.065
	TLX-450	34202.5	11680.1	10714.3	10020.6	9487.2	8872.9	8139.2	7207.0	6611.1	247.228			
	330	TLX-100	MS	1	335.4	225.4	206.7	193.3	183.0	171.2	157.0	139.1	127.6	0.390
		TLX-125			420.5	286.5	262.9	245.8	232.7	217.7	199.7	176.8	162.2	1.100
		TLX-150			1315.6	548.2	502.8	470.3	445.3	416.4	382.0	338.2	310.3	2.617
		TLX-175			2304.2	1048.4	961.7	899.5	851.6	796.5	730.6	646.9	593.4	6.120
		TLX-254			5416.4	2611.5	2395.5	2240.4	2121.2	1983.8	1819.8	1611.4	1478.1	14.674
		TLX-305			11092.0	4269.8	3916.8	3663.2	3468.2	3243.6	2975.4	2634.6	2416.8	59.449
TLX-350		13547.5			6087.4	5584.1	5222.5	4944.5	4624.4	4242.0	3756.1	3445.6	70.301	
TLX-450	34202.5	11431.9	10486.7	9807.7	9285.6	8684.4	7966.3	7053.9	6470.6	204.321				
8	120	TLX-100	MCV 50	1	208.1	184.9	169.6	158.6	150.2	140.4	128.8	114.1	104.6	3.050
		TLX-125	MCV 33		420.5	312.9	287.0	268.4	254.1	237.7	218.0	193.0	177.1	7.335
		TLX-150	MS		1315.6	591.7	542.8	507.6	480.6	449.5	412.3	365.1	334.9	14.505
		TLX-175			1577.9	683.3	626.8	586.2	555.0	519.0	476.1	421.6	386.7	32.984
		TLX-254			1043.2	1011.9	994.9	930.5	881.0	823.9	755.8	669.2	613.9	73.930
		TLX-305			4136.2	2090.3	1917.5	1793.3	1697.9	1587.9	1456.6	1289.8	1183.2	309.906
		TLX-350			6572.7	3754.4	3444.0	3221.0	3049.5	2852.1	2616.3	2316.6	2125.1	366.096
	TLX-450	13608.3	6083.9	5580.9	5219.5	4941.7	4621.7	4239.5	3754.0	3443.6	1009.436			
	150	TLX-100	MS	1	503.8	272.7	250.1	233.9	221.5	207.2	190.0	168.3	154.3	1.404
		TLX-125			506.4	491.2	464.6	434.5	411.4	384.7	352.9	312.5	286.7	4.078
		TLX-150			1874.9	923.7	847.3	792.5	750.3	701.7	643.7	570.0	522.8	9.614
		TLX-175			3529.8	1920.7	1761.9	1647.8	1560.1	1459.1	1338.4	1185.1	1087.1	22.814
		TLX-254			1866.5	1739.4	1595.6	1492.3	1412.8	1321.3	1212.1	1073.3	984.5	49.256
		TLX-305			4163.7	2845.7	2610.4	2441.4	2311.4	2161.8	1983.0	1755.9	1610.7	201.217
		TLX-350			6572.7	3652.8	3350.8	3133.8	2967.0	2774.9	2545.4	2253.9	2067.5	234.301
	TLX-450	16620.8	9000.7	8256.5	7721.9	7310.9	6837.5	6272.1	5553.8	5094.5	670.100			
	180	TLX-100	MS	1	404.4	389.8	357.6	334.5	316.7	296.2	271.7	240.6	220.7	1.021
		TLX-125			1148.3	516.8	474.1	443.4	419.8	392.6	360.2	318.9	292.5	2.881
		TLX-150			1918.0	1197.1	1098.1	1027.0	972.4	909.4	834.2	738.7	677.6	6.909
		TLX-175			3529.8	1863.8	1709.7	1599.0	1513.9	1415.9	1298.8	1150.0	1055.0	15.843

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
8	180	TLX-254	MS	1	3408.6	1758.3	1612.9	1508.5	1428.2	1335.7	1225.2	1084.9	995.2	34.813
		TLX-305			4163.7	2805.1	2573.1	2406.5	2278.4	2130.9	1954.7	1730.8	1587.7	139.734
		TLX-350			9642.0	4823.2	4424.4	4137.9	3917.6	3664.0	3361.0	2976.1	2730.0	169.767
		TLX-450			16620.8	8732.0	8010.0	7491.3	7092.6	6633.3	6084.8	5387.9	4942.4	465.347
	210	TLX-100	MS	1	916.9	416.0	381.6	356.9	337.9	316.0	289.9	256.7	235.5	0.773
		TLX-125			942.0	726.7	666.6	623.5	590.3	552.0	506.4	448.4	411.3	2.219
		TLX-150			1918.0	1144.2	1049.6	981.6	929.4	869.2	797.3	706.0	647.6	5.076
		TLX-175			5222.8	2478.1	2273.2	2126.0	2012.8	1882.5	1726.8	1529.0	1402.6	12.434
		TLX-254			3408.6	1724.1	1581.6	1479.2	1400.4	1309.8	1201.5	1063.8	975.9	25.577
		TLX-305			6572.7	3661.7	3359.0	3141.5	2974.3	2781.7	2551.7	2259.4	2072.6	105.584
		TLX-350			9642.0	4680.9	4293.8	4015.8	3802.0	3555.9	3261.8	2888.3	2649.4	124.727
		TLX-450			16620.8	8450.5	7751.8	7249.8	6864.0	6419.5	5888.7	5214.3	4783.1	341.888
	240	TLX-100	MS	1	916.9	395.9	363.2	339.7	321.6	300.8	275.9	244.3	224.1	0.592
		TLX-125			1720.2	755.6	693.1	648.2	613.7	574.0	526.5	466.2	427.7	1.743
		TLX-150			1918.0	1093.5	1003.1	938.2	888.2	830.7	762.0	674.8	619.0	3.886
		TLX-175			5222.8	2352.0	2157.5	2017.8	1910.4	1786.7	1638.9	1451.2	1331.2	9.520
		TLX-254			3431.2	2315.2	2123.8	1986.2	1880.5	1758.8	1613.3	1428.6	1310.4	20.347
		TLX-305			6572.7	3595.5	3298.2	3084.7	2920.5	2731.4	2505.5	2218.6	2035.1	80.838
		TLX-350			9642.0	4547.6	4171.6	3901.5	3693.8	3454.6	3169.0	2806.0	2574.0	95.494
		TLX-450			16620.8	8194.3	7516.7	7030.0	6655.8	6224.8	5710.1	5056.1	4638.1	261.758
	270	TLX-100	MS	1	916.9	375.8	344.7	322.4	305.3	285.5	261.9	231.9	212.7	0.468
		TLX-125			1720.2	719.2	659.8	617.0	584.2	546.4	501.2	443.8	407.1	1.377
		TLX-150			1918.0	1047.7	961.0	898.8	851.0	795.9	730.1	646.4	593.0	3.071
		TLX-175			5222.8	2237.6	2052.5	1919.6	1817.5	1699.8	1559.2	1380.7	1266.5	7.522
		TLX-254			3431.2	2273.4	2085.4	1950.4	1846.6	1727.0	1584.2	1402.8	1286.8	16.077
		TLX-305			9642.0	4786.3	4390.6	4106.3	3887.7	3636.0	3335.3	2953.3	2709.1	67.008
		TLX-350			11092.0	4561.8	4184.6	3913.7	3705.4	3465.4	3178.9	2814.8	2582.1	77.606
		TLX-450			24515.7	11008.9	10098.6	9444.7	8942.0	8363.0	7671.5	6792.8	6231.2	222.404
300	TLX-100	MS	1	916.9	358.9	329.2	307.9	291.5	272.6	250.1	221.4	203.1	0.379	
	TLX-125			1720.2	684.5	627.9	587.2	555.9	519.9	477.0	422.3	387.4	1.116	
	TLX-150			1918.0	1007.9	924.5	864.7	818.6	765.6	702.3	621.9	570.5	2.487	
	TLX-175			5222.8	2136.5	1959.8	1832.9	1735.4	1623.0	1488.8	1318.3	1209.3	6.093	
	TLX-254			3431.2	2227.5	2043.3	1911.0	1809.3	1692.1	1552.2	1374.4	1260.8	13.022	
	TLX-305			9642.0	4709.1	4319.7	4040.0	3824.9	3577.3	3281.5	2905.6	2665.4	54.277	
	TLX-350			11092.0	4448.8	4081.0	3816.7	3613.6	3379.6	3100.2	2745.1	2518.1	62.861	
	TLX-450			24515.7	10717.0	9830.9	9194.3	8704.9	8141.2	7468.1	6612.7	6066.0	180.147	

Notes

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- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
8	330	TLX-100	MS	1	916.9	343.9	315.5	295.1	279.4	261.3	239.7	212.2	194.7	0.313
		TLX-125			1720.2	653.4	599.4	560.6	530.7	496.4	455.3	403.2	369.8	0.922
		TLX-150			1918.0	972.7	892.3	834.5	790.1	738.9	677.8	600.2	550.6	2.056
		TLX-175			5222.8	2048.1	1878.7	1757.1	1663.6	1555.8	1427.2	1263.7	1159.2	5.035
		TLX-254			3431.2	2185.1	2004.4	1874.6	1774.9	1659.9	1522.7	1348.3	1236.8	10.762
		TLX-305			9642.0	4619.2	4237.2	3962.9	3751.9	3509.0	3218.8	2850.2	2614.5	44.857
		TLX-350			11092.0	4338.5	3979.8	3722.1	3524.0	3295.8	3023.3	2677.0	2455.7	51.951
		TLX-450			24515.7	10466.5	9601.1	8979.4	8501.5	7951.0	7293.6	6458.2	5924.2	148.882
10	120	TLX-100	MS	1	208.1	193.4	177.4	165.9	157.1	146.9	134.8	119.3	109.5	1.697
		TLX-125			631.5	369.0	338.5	316.6	299.7	280.3	257.2	227.7	208.9	5.021
		TLX-150			1026.7	975.3	894.6	836.7	792.2	740.9	679.6	601.8	552.0	12.048
		TLX-175			2304.2	1244.1	1141.2	1067.3	1010.5	945.1	867.0	767.7	704.2	27.408
		TLX-254			3431.2	2317.7	2126.1	1988.4	1882.6	1760.7	1615.1	1430.1	1311.9	61.835
		TLX-305			6572.7	3586.7	3290.1	3077.1	2913.3	2724.6	2499.4	2213.1	2030.1	251.180
		TLX-350			19982.6	10265.4	9416.6	8806.9	8338.1	7798.2	7153.4	6334.1	5810.4	337.653
		TLX-450			34202.5	14124.8	12956.9	12117.9	11472.9	10730.0	9842.8	8715.5	7994.8	896.806
	150	TLX-100	MS	1	335.4	261.8	240.2	224.6	212.6	198.9	182.4	161.5	148.2	1.117
		TLX-125			506.4	502.3	502.3	469.8	444.8	416.0	381.6	337.9	309.9	3.315
		TLX-150			1874.9	1017.4	933.3	872.9	826.4	772.9	709.0	627.8	575.9	7.845
		TLX-175			2350.0	1620.8	1486.7	1390.5	1316.5	1231.2	1129.4	1000.1	917.4	18.034
		TLX-254			7945.7	4099.4	3760.4	3516.9	3329.7	3114.1	2856.6	2529.5	2320.3	44.987
		TLX-305			13547.5	7546.4	6922.4	6474.2	6129.6	5732.7	5258.7	4656.4	4271.4	177.351
		TLX-350			27555.6	11625.0	10663.8	9973.3	9442.4	8831.0	8100.8	7173.0	6579.9	237.911
		TLX-450			34202.5	13570.3	12448.2	11642.2	11022.5	10308.8	9456.4	8373.3	7681.0	573.956
	180	TLX-100	MS	1	503.8	293.5	269.2	251.8	238.4	223.0	204.5	181.1	166.1	0.794
		TLX-125			1148.3	570.2	523.1	489.2	463.2	433.2	397.4	351.8	322.8	2.351
		TLX-150			1918.0	1251.3	1147.9	1073.5	1016.4	950.6	872.0	772.1	708.3	5.680
		TLX-175			3529.8	1948.4	1787.3	1671.6	1582.6	1480.2	1357.8	1202.3	1102.8	12.998
		TLX-254			11164.2	6304.1	5782.9	5408.4	5120.6	4789.0	4393.0	3889.9	3568.2	36.700
		TLX-305			19982.6	10172.9	9331.8	8727.5	8263.0	7727.9	7088.9	6277.0	5758.0	134.870
		TLX-350			27555.6	11224.5	10296.4	9629.7	9117.1	8526.8	7821.8	6925.9	6353.2	165.216
		TLX-450			34202.5	13077.9	11996.5	11219.7	10622.5	9934.7	9113.3	8069.5	7402.3	398.580
	210	TLX-100	MS	1	404.4	386.8	354.9	331.9	314.2	293.9	269.6	238.7	219.0	0.617
		TLX-125			1148.3	556.8	510.8	477.7	452.3	423.0	388.0	343.6	315.2	1.727
		TLX-150			1918.0	1187.9	1089.6	1019.1	964.8	902.4	827.8	732.9	672.3	4.173
		TLX-175			3529.8	1847.9	1695.1	1585.3	1500.9	1403.8	1287.7	1140.2	1045.9	9.549

Notes

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- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
10	210	TLX-254	MS	1	11164.2	6014.2	5516.9	5159.7	4885.0	4568.7	4191.0	3711.0	3404.1	26.963
		TLX-305			19982.6	9955.0	9131.8	8540.5	8086.0	7562.4	6937.1	6142.6	5634.7	99.088
		TLX-350			27555.6	10868.0	9969.4	9323.8	8827.6	8256.0	7573.3	6705.9	6151.4	121.383
		TLX-450			34202.5	12599.6	11557.8	10809.4	10234.0	9571.4	8779.9	7774.4	7131.5	292.835
	240	TLX-100	MS	1	404.4	366.4	336.1	314.4	297.6	278.4	255.3	226.1	207.4	0.472
		TLX-125			1720.2	766.3	703.0	657.5	622.5	582.2	534.0	472.9	433.8	1.445
		TLX-150			1918.0	1131.2	1037.7	970.5	918.8	859.3	788.3	698.0	640.3	3.195
		TLX-175			3529.8	1762.0	1616.3	1511.7	1431.2	1338.5	1227.9	1087.2	997.3	7.311
		TLX-254			11164.2	5711.3	5239.1	4899.8	4639.0	4338.6	3979.9	3524.1	3232.7	20.643
		TLX-305			19982.6	9708.7	8906.0	8329.3	7885.9	7375.3	6765.5	5990.6	5495.3	75.864
		TLX-350			27555.6	10524.7	9654.4	9029.3	8548.7	7995.1	7334.1	6494.1	5957.1	92.934
		TLX-450			34202.5	12183.7	11176.3	10452.6	9896.2	9255.4	8490.2	7517.8	6896.2	224.202
	270	TLX-100	MS	1	404.4	349.3	320.4	299.7	283.7	265.4	243.4	215.5	197.7	0.373
		TLX-125			1720.2	722.4	662.6	619.7	586.7	548.7	503.4	445.7	408.9	1.142
		TLX-150			1918.0	1081.5	992.1	927.8	878.5	821.6	753.6	667.3	612.1	2.525
		TLX-175			5222.8	2258.7	2071.9	1937.7	1834.6	1715.8	1573.9	1393.7	1278.4	6.258
		TLX-254			11164.2	5440.5	4990.6	4667.5	4419.1	4132.9	3791.2	3357.0	3079.4	16.311
		TLX-305			27878.3	11307.4	10372.4	9700.8	9184.4	8589.7	7879.5	6977.0	6400.1	67.128
		TLX-350			27555.6	10235.6	9389.3	8781.3	8313.9	7775.6	7132.7	6315.7	5793.5	73.429
		TLX-450			34202.5	11831.4	10853.1	10150.3	9610.1	8987.8	8244.6	7300.4	6696.7	177.147
	300	TLX-100	MS	1	404.4	334.3	306.7	286.8	271.6	254.0	233.0	206.3	189.2	0.302
		TLX-125			1720.2	684.1	627.5	586.9	555.7	519.7	476.7	422.1	387.2	0.925
		TLX-150			1918.0	1037.7	951.9	890.3	842.9	788.3	723.1	640.3	587.3	2.045
		TLX-175			5222.8	2150.9	1973.1	1845.3	1747.1	1634.0	1498.9	1327.2	1217.4	5.069
		TLX-254			11164.2	5195.6	4766.0	4457.4	4220.2	3946.9	3620.6	3205.9	2940.8	13.212
		TLX-305			27878.3	10904.2	10002.5	9354.9	8856.9	8283.4	7598.5	6728.2	6171.9	54.373
		TLX-350			27555.6	9946.5	9124.1	8533.3	8079.1	7556.0	6931.2	6137.3	5629.9	59.478
		TLX-450			34202.5	11509.3	10557.6	9874.0	9348.4	8743.1	8020.2	7101.6	6514.4	143.489
330	TLX-100	MS	1	404.4	320.7	294.2	275.1	260.5	243.6	223.5	197.9	181.5	0.250	
	TLX-125			1720.2	650.7	596.9	558.2	528.5	494.3	453.4	401.5	368.3	0.764	
	TLX-150			1918.0	999.8	917.1	857.7	812.1	759.5	696.7	616.9	565.9	1.690	
	TLX-175			5222.8	2061.8	1891.4	1768.9	1674.7	1566.3	1436.8	1272.2	1167.0	4.189	
	TLX-254			11164.2	4990.0	4577.4	4281.0	4053.2	3790.7	3477.3	3079.0	2824.4	10.919	
	TLX-305			27878.3	10367.5	9510.3	8894.4	8421.0	7875.7	7224.5	6397.1	5868.1	44.937	
	TLX-350			27555.6	9705.6	8903.1	8326.6	7883.4	7372.9	6763.3	5988.7	5493.5	49.155	
	TLX-450			34202.5	11209.7	10282.8	9617.0	9105.1	8515.6	7811.4	6916.8	6344.9	118.586	

Notes

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- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
12	90	TLX-100	MS	1	114.8	111.4	107.6	100.6	95.3	89.1	81.7	72.4	66.4	2.466
		TLX-125			260.4	259.2	237.8	222.4	210.6	196.9	180.6	159.9	146.7	7.261
		TLX-150			717.7	452.3	414.9	388.1	367.4	343.6	315.2	279.1	256.0	16.960
		TLX-175			695.9	675.0	675.0	675.0	672.6	629.1	577.1	511.0	468.7	39.306
		TLX-254			3431.2	2577.0	2363.9	2210.9	2093.2	1957.6	1795.8	1590.1	1458.6	93.225
		TLX-305			6572.7	3988.8	3658.9	3422.0	3239.9	3030.1	2779.5	2461.2	2257.7	375.822
		TLX-350			13547.5	8361.6	7670.2	7173.5	6791.7	6351.9	5826.7	5159.4	4732.8	472.582
		TLX-450			24515.7	13357.6	12253.1	11459.7	10849.7	10147.2	9308.2	8242.1	7560.6	1276.860
	120	TLX-100	MS	1	208.1	208.1	190.9	178.5	169.0	158.1	145.0	128.4	117.8	1.426
		TLX-125			631.5	403.1	369.8	345.8	327.4	306.2	280.9	248.7	228.2	4.226
		TLX-150			1315.6	715.0	655.8	613.4	580.7	543.1	498.2	441.2	404.7	9.897
		TLX-175			1261.8	1223.9	1160.6	1085.5	1027.7	961.2	881.7	780.7	716.2	22.827
		TLX-254			5416.4	3358.9	3081.2	2881.7	2728.3	2551.6	2340.7	2072.6	1901.2	55.486
		TLX-305			9642.0	5331.7	4890.9	4574.2	4330.7	4050.3	3715.4	3289.8	3017.8	219.340
		TLX-350			13547.5	8008.4	7346.3	6870.6	6504.9	6083.7	5580.6	4941.5	4532.9	265.827
		TLX-450			34202.5	15141.4	13889.4	12990.0	12298.6	11502.3	10551.2	9342.7	8570.2	772.587
	150	TLX-100	MS	1	335.4	276.8	254.0	237.5	224.9	210.3	192.9	170.8	156.7	0.943
		TLX-125			506.4	494.2	494.2	494.2	467.9	437.6	401.4	355.4	326.1	2.806
		TLX-150			1026.7	988.5	906.8	848.1	802.9	750.9	688.8	610.0	559.5	6.531
		TLX-175			2304.2	1316.6	1207.8	1129.6	1069.4	1000.2	917.5	812.4	745.2	14.810
		TLX-254			7945.7	4439.3	4072.2	3808.5	3605.8	3372.3	3093.5	2739.2	2512.7	38.974
		TLX-305			13547.5	8167.7	7492.4	7007.3	6634.3	6204.7	5691.7	5039.8	4623.1	151.892
		TLX-350			19982.6	10593.1	9717.2	9088.0	8604.3	8047.1	7381.8	6536.3	5995.9	186.991
		TLX-450			34202.5	14466.5	13270.3	12411.0	11750.4	10989.6	10080.9	8926.3	8188.2	494.456
	180	TLX-100	MS	1	503.8	305.7	280.4	262.3	248.3	232.2	213.0	188.6	173.0	0.674
		TLX-125			506.4	504.6	504.6	471.9	446.8	417.9	383.3	339.4	311.4	1.949
		TLX-150			1874.9	1026.6	941.7	880.7	833.8	779.8	715.4	633.4	581.1	4.629
		TLX-175			2350.0	1617.4	1483.7	1387.6	1313.8	1228.7	1127.1	998.0	915.5	10.627
TLX-254		9140.7			4447.6	4079.8	3815.7	3612.6	3378.6	3099.3	2744.3	2517.4	28.719	
TLX-305		13547.5			7961.3	7303.0	6830.1	6466.6	6047.9	5547.8	4912.4	4506.2	105.480	
TLX-350		19982.6			10208.0	9364.0	8757.6	8291.5	7754.6	7113.4	6298.7	5777.9	129.855	
TLX-450		34202.5			13862.0	12715.8	11892.4	11259.4	10530.4	9659.7	8553.3	7846.1	343.372	
210	TLX-100	MS	1	503.8	290.3	266.3	249.1	235.8	220.5	202.3	179.1	164.3	0.495	
	TLX-125			1148.3	581.2	533.1	498.6	472.1	441.5	405.0	358.6	329.0	1.468	
	TLX-150			1874.9	975.8	895.1	837.1	792.6	741.3	680.0	602.1	552.3	3.401	
	TLX-175			2350.0	1537.7	1410.6	1319.3	1249.0	1168.2	1071.6	948.8	870.4	7.808	

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
12	210	TLX-254	MS	1	11164.2	6134.1	5626.9	5262.6	4982.4	4659.8	4274.5	3785.0	3472.0	23.895
		TLX-305			13547.5	7743.1	7102.8	6642.9	6289.3	5882.1	5395.7	4777.7	4382.7	77.496
		TLX-350			19982.6	9828.0	9015.3	8431.6	7982.8	7465.9	6848.6	6064.2	5562.8	95.404
		TLX-450			34202.5	13359.5	12254.8	11461.3	10851.3	10148.6	9309.5	8243.3	7561.7	252.273
	240	TLX-100	MS	1	503.8	276.9	254.0	237.5	224.9	210.3	192.9	170.8	156.7	0.379
		TLX-125			1148.3	554.2	508.4	475.5	450.2	421.0	386.2	342.0	313.7	1.124
		TLX-150			1874.9	932.5	855.4	800.0	757.4	708.4	649.8	575.4	527.8	2.604
		TLX-175			3529.8	1800.1	1651.2	1544.3	1462.1	1367.4	1254.4	1110.7	1018.9	6.244
		TLX-254			11164.2	5795.9	5316.7	4972.4	4707.7	4402.9	4038.9	3576.3	3280.6	18.294
		TLX-305			19982.6	9839.9	9026.3	8441.9	7992.5	7475.0	6856.9	6071.6	5569.5	65.919
		TLX-350			19982.6	9514.0	8727.3	8162.2	7727.7	7227.4	6629.8	5870.4	5385.0	73.044
		TLX-450			34202.5	12896.0	11829.7	11063.7	10474.8	9796.6	8986.5	7957.3	7299.3	193.147
	270	TLX-100	MS	1	503.8	265.0	243.1	227.4	215.3	201.3	184.7	163.5	150.0	0.299
		TLX-125			1148.3	530.0	486.2	454.7	430.5	402.6	369.3	327.0	300.0	0.888
		TLX-150			1874.9	894.7	820.8	767.6	726.8	679.7	623.5	552.1	506.4	2.057
		TLX-175			3529.8	1723.7	1581.1	1478.8	1400.0	1309.4	1201.1	1063.6	975.6	4.934
		TLX-254			11164.2	5508.7	5053.2	4726.0	4474.5	4184.7	3838.7	3399.1	3118.0	14.455
		TLX-305			19982.6	9337.4	8565.3	8010.7	7584.3	7093.2	6506.7	5761.5	5285.1	52.084
		TLX-350			19982.6	9228.5	8465.5	7917.3	7495.9	7010.5	6430.9	5694.3	5223.5	57.713
		TLX-450			34202.5	12495.3	11462.1	10719.9	10149.3	9492.1	8707.3	7710.0	7072.5	152.610
	300	TLX-100	MS	1	503.8	255.3	234.1	219.0	207.3	193.9	177.9	157.5	144.5	0.243
		TLX-125			1148.3	508.9	466.8	436.6	413.4	386.6	354.6	314.0	288.1	0.719
		TLX-150			1874.9	862.1	790.8	739.6	700.2	654.9	600.7	531.9	487.9	1.666
		TLX-175			3529.8	1655.6	1518.7	1420.3	1344.7	1257.7	1153.7	1021.5	937.1	3.996
		TLX-254			11164.2	5261.6	4826.6	4514.0	4273.8	3997.0	3666.5	3246.6	2978.1	11.708
		TLX-305			19982.6	8923.7	8185.8	7655.8	7248.3	6778.9	6218.4	5506.2	5050.9	42.188
		TLX-350			19982.6	8969.9	8228.2	7695.4	7285.8	6814.0	6250.6	5534.7	5077.1	46.748
		TLX-450			34202.5	12134.0	11130.7	10410.0	9855.9	9217.7	8455.5	7487.1	6868.0	123.614
	330	TLX-100	MS	1	503.8	246.1	225.8	211.2	199.9	187.0	171.5	151.9	139.3	0.200
		TLX-125			1148.3	491.8	451.2	422.0	399.5	373.6	342.7	303.5	278.4	0.594
		TLX-150			1874.9	833.9	765.0	715.4	677.4	633.5	581.1	514.6	472.0	1.377
		TLX-175			3529.8	1597.0	1465.0	1370.1	1297.2	1213.2	1112.9	985.4	903.9	3.303
TLX-254		11164.2			5054.1	4636.2	4336.0	4105.2	3839.4	3521.9	3118.6	2860.7	9.676	
TLX-305		19982.6			8551.7	7844.6	7336.6	6946.1	6496.3	5959.2	5276.7	4840.4	34.866	
TLX-350		19982.6			8740.7	8017.9	7498.8	7099.6	6639.9	6090.9	5393.3	4947.3	38.635	
TLX-450		34202.5			11825.1	10847.3	10144.9	9605.0	8983.0	8240.3	7296.5	6693.2	102.160	

Notes

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- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)								Inertia Torque Self-consumed Ma (N·m)
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150	200	
15	90	TLX-100	MS	1	114.8	111.4	111.4	111.3	105.4	98.6	90.4	80.1	73.5	1.984
		TLX-125			260.4	252.5	252.5	244.8	231.8	216.7	198.8	176.1	161.5	5.848
		TLX-150			717.7	498.6	457.4	427.7	405.0	378.8	347.4	307.6	282.2	13.684
		TLX-175			864.8	583.3	535.1	500.4	473.8	443.1	406.5	359.9	330.2	31.182
		TLX-254			3431.2	2865.5	2628.6	2458.4	2327.5	2176.8	1996.8	1768.1	1621.9	76.521
		TLX-305			6572.7	4465.0	4095.8	3830.6	3626.7	3391.8	3111.4	2755.0	2527.2	305.103
		TLX-350			11092.0	5992.8	5497.3	5141.3	4867.7	4552.5	4176.0	3697.7	3392.0	369.441
		TLX-450			16620.8	10587.7	9712.3	9083.4	8599.9	8043.0	7378.0	6533.0	5992.8	985.902
	120	TLX-100	MS	1	208.1	205.4	205.4	192.1	181.9	170.1	156.1	138.2	126.8	1.155
		TLX-125			420.5	390.3	358.1	334.9	317.1	296.5	272.0	240.9	220.9	3.364
		TLX-150			580.2	573.9	573.9	573.9	573.9	573.9	526.4	466.1	427.6	7.911
		TLX-175			1577.9	910.7	835.4	781.3	739.7	691.8	634.6	561.9	515.5	18.048
		TLX-254			5416.4	3706.5	3400.1	3179.9	3010.6	2815.7	2582.9	2287.1	2098.0	46.090
		TLX-305			9642.0	5897.1	5409.5	5059.2	4789.9	4479.7	4109.3	3638.7	3337.8	179.560
		TLX-350			13547.5	8703.2	7983.6	7466.6	7069.2	6611.4	6064.8	5370.2	4926.1	220.348
		TLX-450			24515.7	13730.0	12594.8	11779.2	11152.2	10430.1	9567.7	8471.9	7771.4	594.015
	150	TLX-100	MS	1	208.1	201.9	198.2	185.3	175.5	164.1	150.5	133.3	122.3	0.739
		TLX-125			631.5	425.3	390.1	364.9	345.5	323.1	296.4	262.4	240.7	2.196
		TLX-150			580.2	562.8	562.8	562.8	562.8	545.5	500.4	443.1	406.5	5.063
		TLX-175			1577.9	874.5	802.2	750.3	710.3	664.3	609.4	539.6	495.0	11.551
		TLX-254			5416.4	3575.9	3280.2	3067.8	2904.5	2716.4	2491.8	2206.4	2024.0	29.497
		TLX-305			11092.0	5835.4	5352.9	5006.3	4739.8	4432.9	4066.3	3600.6	3302.9	118.409
		TLX-350			13547.5	8271.0	7587.1	7095.8	6718.1	6283.1	5763.6	5103.5	4681.5	141.023
		TLX-450			24515.7	13032.9	11955.3	11181.1	10586.0	9900.5	9081.9	8041.7	7376.8	380.169
	180	TLX-100	MS	1	335.4	277.8	254.9	238.3	225.7	211.1	193.6	171.4	157.3	0.534
		TLX-125			631.5	410.9	376.9	352.5	333.8	312.2	286.4	253.6	232.6	1.525
		TLX-150			1315.6	718.3	658.9	616.3	583.5	545.7	500.6	443.2	406.6	3.580
		TLX-175			2304.2	1343.0	1232.0	1152.2	1090.9	1020.2	935.9	828.7	760.2	8.388
TLX-254		7945.7			4686.6	4299.1	4020.7	3806.7	3560.2	3265.8	2891.8	2652.7	22.889	
TLX-305		13547.5			8518.8	7814.4	7308.4	6919.4	6471.4	5936.3	5256.4	4821.7	87.801	
TLX-350		13547.5			7931.7	7275.9	6804.7	6442.5	6025.4	5527.2	4894.1	4489.5	97.933	
TLX-450		24515.7			12465.1	11434.5	10694.1	10124.8	9469.2	8686.3	7691.4	7055.4	264.007	
210	TLX-100	MS	1	335.4	265.0	243.1	227.3	215.2	201.3	184.6	163.5	150.0	0.393	
	TLX-125			631.5	397.3	364.5	340.9	322.7	301.8	276.9	245.2	224.9	1.120	
	TLX-150			1315.6	691.5	634.3	593.2	561.6	525.3	481.8	426.7	391.4	2.630	
	TLX-175			2304.2	1281.6	1175.6	1099.5	1041.0	973.6	893.1	790.8	725.4	6.163	

Notes

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TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
15	210	TLX-254	MS	1	7945.7	4503.0	4130.7	3863.2	3657.6	3420.7	3137.9	2778.5	2548.8	16.817
		TLX-305			13547.5	8098.1	7428.5	6947.5	6577.7	6151.8	5643.2	4996.8	4583.7	64.507
		TLX-350			13547.5	7608.6	6979.5	6527.5	6180.1	5779.9	5302.0	4694.8	4306.6	71.950
		TLX-450			24515.7	11950.8	10962.7	10252.8	9707.1	9078.5	8327.9	7374.1	6764.3	193.964
	240	TLX-100	MS	1	335.4	253.4	232.5	217.4	205.8	192.5	176.6	156.4	143.4	0.301
		TLX-125			631.5	381.5	350.0	327.3	309.9	289.8	265.8	235.4	215.9	0.858
		TLX-150			1315.6	668.2	612.9	573.3	542.7	507.6	465.6	412.3	378.2	2.014
		TLX-175			2304.2	1224.9	1123.6	1050.8	994.9	930.5	853.5	755.8	693.3	4.718
		TLX-254			7945.7	4300.0	3944.5	3689.1	3492.7	3266.6	2996.5	2653.3	2433.9	12.875
		TLX-305			13547.5	7719.8	7081.5	6622.9	6270.4	5864.4	5379.5	4763.4	4369.5	49.388
		TLX-350			13547.5	7342.4	6735.3	6299.2	5963.9	5577.7	5116.5	4530.5	4155.9	55.087
		TLX-450			24515.7	11516.9	10564.6	9880.6	9354.6	8748.9	8025.5	7106.3	6518.7	148.504
	270	TLX-100	MS	1	335.4	243.7	223.6	209.1	198.0	185.1	169.8	150.4	137.9	0.237
		TLX-125			631.5	367.6	337.2	315.4	298.6	279.2	256.2	226.8	208.1	0.678
		TLX-150			1315.6	648.6	594.9	556.4	526.8	492.7	451.9	400.2	367.1	1.591
		TLX-175			2304.2	1178.7	1081.3	1011.3	957.4	895.4	821.4	727.3	667.2	3.728
		TLX-254			7945.7	4128.6	3787.2	3542.0	3353.4	3136.3	2877.0	2547.5	2336.8	10.173
		TLX-305			13547.5	7391.5	6780.3	6341.3	6003.8	5615.0	5150.7	4560.8	4183.7	39.022
		TLX-350			13547.5	7119.0	6530.4	6107.5	5782.4	5408.0	4960.8	4392.7	4029.5	43.526
		TLX-450			24515.7	11155.6	10233.2	9570.6	9061.2	8474.4	7773.7	6883.4	6314.2	117.336
	300	TLX-100	MS	1	335.4	235.0	215.6	201.6	190.9	178.6	163.8	145.0	133.0	0.192
		TLX-125			631.5	355.1	325.7	304.6	288.4	269.7	247.4	219.1	201.0	0.549
		TLX-150			1315.6	630.7	578.5	541.0	512.3	479.1	439.5	389.1	357.0	1.289
		TLX-175			2304.2	1137.6	1043.6	976.0	924.0	864.2	792.7	701.9	643.9	3.020
		TLX-254			7945.7	3974.8	3646.2	3410.1	3228.6	3019.5	2769.8	2452.6	2249.8	8.240
		TLX-305			13547.5	7118.1	6529.5	6106.7	5781.7	5407.3	4960.2	4392.1	4028.9	31.608
		TLX-350			13547.5	6903.3	6332.5	5922.5	5607.2	5244.1	4810.5	4259.6	3907.4	35.256
		TLX-450			24515.7	10831.9	9936.3	9292.9	8798.3	8228.6	7548.2	6683.7	6131.0	95.042
	330	TLX-100	MS	1	335.4	227.7	208.9	195.4	185.0	173.0	158.7	140.5	128.9	0.159
		TLX-125			631.5	344.5	316.0	295.5	279.8	261.7	240.0	212.5	195.0	0.454
		TLX-150			1315.6	613.9	563.1	526.6	498.6	466.3	427.8	378.8	347.5	1.065
		TLX-175			2304.2	1101.1	1010.1	944.7	894.4	836.5	767.3	679.4	623.2	2.496
TLX-254		7945.7			3842.6	3524.9	3296.6	3121.1	2919.0	2677.7	2371.0	2175.0	6.810	
TLX-305		13547.5			6863.5	6296.0	5888.4	5574.9	5213.9	4782.8	4235.0	3884.9	26.122	
TLX-350		13547.5			6727.2	6170.9	5771.4	5464.2	5110.3	4687.8	4150.9	3807.7	29.137	
TLX-450		24515.7			10535.9	9664.7	9038.9	8557.8	8003.6	7341.9	6501.0	5963.4	78.547	

Notes

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TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)								Inertia Torque Self-consumed Ma (N·m)
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150	200	
16	90	TLX-100	MS	1	114.8	111.4	111.4	114.5	108.4	101.4	93.0	82.3	75.5	1.864
		TLX-125			260.4	253.0	253.0	253.0	239.5	224.0	205.5	182.0	166.9	5.495
		TLX-150			717.7	514.4	471.9	441.3	417.8	390.8	358.4	317.4	291.2	12.864
		TLX-175			864.8	599.6	550.0	514.4	487.0	455.5	417.8	370.0	339.4	29.286
		TLX-254			3408.6	2165.0	1986.0	1857.4	1758.5	1644.6	1508.6	1335.9	1225.4	69.626
		TLX-305			6572.7	4605.3	4224.5	3951.0	3740.7	3498.5	3209.2	2841.6	2606.7	287.423
		TLX-350			9642.0	5973.2	5479.3	5124.5	4851.7	4537.6	4162.4	3685.7	3380.9	339.533
		TLX-450			16620.8	10807.2	9913.6	9271.7	8778.2	8209.8	7530.9	6668.4	6117.0	930.694
	120	TLX-100	MS	1	208.1	201.9	201.9	196.7	186.2	174.2	159.8	141.5	129.8	1.087
		TLX-125			420.5	399.1	366.1	342.4	324.2	303.2	278.1	246.3	225.9	3.165
		TLX-150			580.2	562.8	562.8	562.8	562.8	562.8	535.6	474.3	435.1	7.450
		TLX-175			1577.9	932.3	855.2	799.8	757.2	708.2	649.6	575.2	527.7	16.981
		TLX-254			3408.6	2095.5	1922.2	1797.7	1702.0	1591.8	1460.2	1293.0	1186.1	39.164
		TLX-305			9642.0	6025.8	5527.5	5169.6	4894.5	4577.5	4199.0	3718.1	3410.7	169.615
		TLX-350			11092.0	5816.2	5335.2	4989.8	4724.2	4418.3	4053.0	3588.8	3292.0	196.441
		TLX-450			24515.7	14056.9	12894.6	12059.6	11417.7	10678.4	9795.5	8673.6	7956.4	562.960
	150	TLX-100	MS	1	208.1	201.9	201.6	188.6	178.5	167.0	153.2	135.6	124.4	0.696
		TLX-125			420.5	381.6	350.1	327.4	310.0	289.9	265.9	235.5	216.0	2.026
		TLX-150			580.2	562.8	562.8	562.8	562.8	554.8	508.9	450.6	413.4	4.768
		TLX-175			1261.8	1223.9	1207.5	1129.3	1069.2	1000.0	917.3	812.2	745.1	11.195
		TLX-254			3431.2	2752.4	2524.8	2361.4	2235.7	2090.9	1918.0	1698.3	1557.9	26.044
		TLX-305			9642.0	5811.4	5330.9	4985.7	4720.3	4414.7	4049.7	3585.8	3289.4	108.554
		TLX-350			13547.5	8450.8	7752.0	7250.1	6864.2	6419.7	5888.9	5214.4	4783.3	133.746
		TLX-450			24515.7	13304.7	12204.6	11414.3	10806.8	10107.0	9271.3	8209.4	7530.6	360.294
	180	TLX-100	MS	1	208.1	201.9	192.4	179.9	170.4	159.3	146.1	129.4	118.7	0.483
		TLX-125			631.5	419.2	384.5	359.6	340.5	318.5	292.1	258.7	237.3	1.437
		TLX-150			580.2	565.4	565.4	565.4	565.4	528.8	485.1	429.5	394.0	3.311
		TLX-175			1261.8	1253.9	1150.2	1075.7	1018.4	952.5	873.7	773.7	709.7	7.774
		TLX-254			5416.4	3479.0	3191.3	2984.7	2825.8	2642.8	2424.3	2146.7	1969.2	19.440
		TLX-305			9642.0	5611.9	5147.9	4814.6	4558.3	4263.2	3910.7	3462.8	3176.4	75.385
		TLX-350			13547.5	8066.6	7399.7	6920.5	6552.2	6127.9	5621.2	4977.4	4565.8	92.879
		TLX-450			24515.7	12693.8	11644.2	10890.2	10310.6	9642.9	8845.6	7832.5	7184.9	250.204
210	TLX-100	MS	1	335.4	267.8	245.6	229.7	217.5	203.4	186.6	165.2	151.6	0.370	
	TLX-125			631.5	404.1	370.7	346.7	328.3	307.0	281.6	249.4	228.8	1.055	
	TLX-150			580.2	571.9	571.9	571.9	541.5	506.4	464.5	411.3	377.3	2.433	
	TLX-175			1261.8	1194.9	1096.1	1025.1	970.6	907.7	832.7	737.3	676.3	5.712	

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)								Inertia Torque Self-consumed Ma (N·m)
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150	200	
16	210	TLX-254	MS	1	5416.4	3329.1	3053.8	2856.1	2704.1	2529.0	2319.9	2054.2	1884.3	14.283
		TLX-305			9642.0	5424.1	4975.6	4653.4	4405.7	4120.5	3779.8	3346.8	3070.1	55.385
		TLX-350			13547.5	7753.2	7112.1	6651.6	6297.6	5889.8	5402.8	4784.0	4388.4	68.238
		TLX-450			24515.7	12177.6	11170.7	10447.3	9891.2	9250.8	8485.9	7514.0	6892.7	183.824
	240	TLX-100	MS	1	335.4	256.6	235.4	220.2	208.4	194.9	178.8	158.3	145.2	0.284
		TLX-125			631.5	387.5	355.4	332.4	314.7	294.4	270.0	239.1	219.3	0.808
		TLX-150			580.2	562.8	562.8	548.4	519.2	485.6	445.4	394.4	361.8	1.862
		TLX-175			2304.2	1241.4	1138.7	1065.0	1008.3	943.0	865.0	766.0	702.6	4.452
		TLX-254			5416.4	3184.2	2921.0	2731.8	2586.4	2418.9	2218.9	1964.8	1802.3	10.935
		TLX-305			9642.0	5254.5	4820.1	4508.0	4268.0	3991.7	3661.6	3242.2	2974.1	42.404
		TLX-350			13547.5	7485.3	6866.4	6421.8	6080.0	5686.3	5216.1	4618.7	4236.8	52.245
		TLX-450			24515.7	11735.6	10765.2	10068.2	9532.3	8915.0	8177.9	7241.3	6642.5	140.740
	270	TLX-100	MS	1	335.4	246.5	226.1	211.5	200.2	187.2	171.8	152.1	139.5	0.224
		TLX-125			631.5	372.8	342.0	319.8	302.8	283.2	259.8	230.0	211.0	0.638
		TLX-150			580.2	565.2	565.2	528.6	500.4	468.0	429.3	380.2	348.7	1.472
		TLX-175			2304.2	1193.1	1094.4	1023.6	969.1	906.3	831.4	736.2	675.3	3.517
		TLX-254			5416.4	3069.1	2815.4	2633.1	2492.9	2331.5	2138.7	1893.8	1737.2	8.640
		TLX-305			9642.0	5099.5	4677.8	4374.9	4142.1	3873.9	3553.3	3146.6	2886.4	33.504
		TLX-350			13547.5	7247.3	6648.1	6217.6	5886.7	5505.5	5050.3	4471.9	4102.1	41.280
		TLX-450			24515.7	11352.2	10413.6	9739.3	9220.9	8623.8	7910.7	7004.7	6425.5	111.202
	300	TLX-100	MS	1	335.4	238.0	218.3	204.2	193.3	180.8	165.8	146.8	134.7	0.182
		TLX-125			631.5	359.9	330.2	308.8	292.4	273.4	250.8	222.1	203.7	0.517
		TLX-150			580.2	562.8	547.0	511.5	484.3	453.0	415.5	367.9	337.5	1.192
		TLX-175			2304.2	1151.5	1056.3	987.9	935.3	874.7	802.4	710.5	651.8	2.849
		TLX-254			5416.4	2964.2	2719.1	2543.1	2407.7	2251.8	2065.6	1829.0	1677.8	6.999
		TLX-305			9642.0	4964.5	4554.0	4259.1	4032.4	3771.3	3459.5	3063.2	2810.0	27.138
		TLX-350			13547.5	7037.2	6455.4	6037.4	5716.0	5345.9	4903.9	4342.2	3983.2	33.437
		TLX-450			24515.7	11011.3	10100.8	9446.8	8943.9	8364.8	7673.2	6794.3	6232.5	90.074
330	TLX-100	MS	1	335.4	230.5	211.4	197.7	187.2	175.1	160.6	142.2	130.5	0.150	
	TLX-125			631.5	349.4	320.5	299.7	283.8	265.4	243.5	215.6	197.7	0.427	
	TLX-150			580.2	578.9	531.0	496.7	470.2	439.8	403.4	357.2	327.7	0.985	
	TLX-175			2304.2	1114.6	1022.5	956.3	905.4	846.7	776.7	687.8	630.9	2.355	
	TLX-254			5416.4	2873.7	2636.1	2465.4	2334.2	2183.0	2002.5	1773.2	1626.6	5.784	
	TLX-305			9642.0	4838.2	4438.1	4150.8	3929.8	3675.4	3371.5	2985.3	2738.5	22.428	
	TLX-350			13547.5	6845.0	6279.0	5872.4	5559.8	5199.8	4769.9	4223.6	3874.3	27.634	
	TLX-450			24515.7	10725.0	9838.2	9201.1	8711.4	8147.3	7473.7	6617.7	6070.5	74.441	

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
16	210	TLX-100	MS	2	208.1	164.2	150.6	140.8	133.4	124.7	114.4	101.3	92.9	1.374
		TLX-125			506.4	473.4	434.2	406.1	384.5	359.6	329.9	292.1	267.9	4.162
		TLX-150			1874.9	897.5	823.3	770.0	729.0	681.8	625.4	553.8	508.0	9.811
		TLX-175			2304.2	1091.9	1001.6	936.8	886.9	829.5	760.9	673.7	618.0	22.080
	240	TLX-100	MS	2	208.1	161.4	148.0	138.4	131.1	122.6	112.5	99.6	91.3	1.052
		TLX-125			506.4	464.6	426.2	398.6	377.4	352.9	323.8	286.7	263.0	3.186
		TLX-150			1918.0	1110.3	1018.5	952.6	901.9	843.5	773.7	685.1	628.5	7.773
		TLX-175			3529.8	1728.1	1585.2	1482.5	1403.6	1312.7	1204.2	1066.3	978.1	17.823
	270	TLX-100	MS	2	335.4	217.6	199.6	186.7	176.7	165.3	151.6	134.3	123.2	0.850
		TLX-125			1148.3	503.7	462.1	432.1	409.1	382.7	351.0	310.8	285.1	2.561
		TLX-150			1918.0	1080.4	991.1	926.9	877.6	820.7	752.9	666.6	611.5	6.142
		TLX-175			3529.8	1679.4	1540.6	1440.8	1364.1	1275.8	1170.3	1036.3	950.6	14.083
	300	TLX-100	MS	2	335.4	212.7	195.1	182.5	172.7	161.6	148.2	131.2	120.4	0.688
		TLX-125			1148.3	492.4	451.6	422.4	399.9	374.0	343.1	303.8	278.7	2.074
		TLX-150			1918.0	1052.7	965.6	903.1	855.0	799.7	733.6	649.5	595.8	4.975
		TLX-175			3529.8	1639.2	1503.6	1406.3	1331.4	1245.2	1142.3	1011.4	927.8	11.407
	330	TLX-100	MS	2	335.4	207.9	190.7	178.4	168.9	158.0	144.9	128.3	117.7	0.569
		TLX-125			1148.3	481.2	441.4	412.8	390.9	365.6	335.3	296.9	272.4	1.714
		TLX-150			1918.0	1026.6	941.7	880.7	833.8	779.8	715.4	633.4	581.0	4.111
		TLX-175			3529.8	1598.7	1466.5	1371.5	1298.5	1214.5	1114.0	986.4	904.9	9.427
20	90	TLX-150	MS	1	296.2	287.3	287.3	287.3	287.3	282.0	258.7	229.1	210.1	9.831
		TLX-175			864.8	658.6	604.2	565.1	535.0	500.3	459.0	406.4	372.8	23.595
		TLX-254			1866.5	1865.4	1865.4	1865.4	1865.4	1744.6	1600.3	1417.0	1299.9	55.883
		TLX-305			4163.7	3833.0	3516.1	3288.4	3113.4	2911.8	2671.0	2365.1	2169.6	226.429
		TLX-350			6572.7	4746.2	4353.7	4071.8	3855.1	3605.5	3307.3	2928.5	2686.4	264.780
		TLX-450			13608.3	7613.6	6984.0	6531.8	6184.1	5783.7	5305.5	4697.8	4309.4	731.651
	120	TLX-100	MS	1	114.8	114.3	114.3	114.3	114.3	106.9	98.1	86.8	79.7	0.845
		TLX-125			260.4	253.3	253.3	253.3	253.3	236.9	217.3	192.4	176.5	2.495
		TLX-150			296.2	287.3	287.3	287.3	287.0	268.4	246.2	218.0	200.0	5.672
		TLX-175			695.9	684.8	684.8	684.8	684.8	684.8	684.8	606.4	556.2	13.575
		TLX-254			3431.2	3100.9	2844.5	2660.3	2518.7	2355.6	2160.8	1913.3	1755.1	33.647
		TLX-305			6572.7	4843.1	4442.7	4155.0	3933.9	3679.1	3374.9	2988.4	2741.3	131.841
		TLX-350			6572.7	4456.9	4088.4	3823.7	3620.2	3385.7	3105.8	2750.1	2522.7	148.939
	150	TLX-100	MS	1	114.8	111.4	111.4	111.4	108.8	101.8	93.4	82.7	75.8	0.541
TLX-125		260.4			254.0	254.0	254.0	240.5	225.0	206.4	182.7	167.6	1.597	

Notes

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- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution (rpm)								
						30	40	50	60	75	100	150		200
20	150	TLX-150	MS	1	296.2	287.3	287.3	287.0	271.7	254.1	233.1	206.4	189.3	3.630
		TLX-175			695.9	675.0	675.0	675.0	675.0	651.6	577.0	529.3	8.688	
		TLX-254			3431.2	2944.0	2700.6	2525.7	2391.3	2236.5	2051.5	1816.6	1666.4	21.534
		TLX-305			6572.7	4620.4	4238.4	3963.9	3752.9	3509.9	3219.7	2850.9	2615.2	84.378
		TLX-350			6572.7	4200.5	3853.2	3603.7	3411.9	3190.9	2927.1	2591.9	2377.5	95.321
		TLX-450			16620.8	10263.1	9414.5	8804.9	8336.3	7796.5	7151.8	6332.7	5809.1	275.425
	180	TLX-100	MS	1	114.8	111.4	111.4	109.6	103.8	97.1	89.1	78.9	72.3	0.376
		TLX-125			260.4	259.2	259.2	242.4	229.5	214.7	196.9	174.4	160.0	1.109
		TLX-150			717.7	477.0	437.6	409.3	387.5	362.4	332.4	294.3	270.0	2.602
		TLX-175			1577.9	922.1	845.8	791.0	748.9	700.4	642.5	568.9	521.9	6.125
		TLX-254			3431.2	2809.9	2577.5	2410.6	2282.3	2134.5	1958.0	1733.8	1590.4	14.954
		TLX-305			6572.7	4439.1	4072.0	3808.4	3605.7	3372.2	3093.3	2739.1	2512.6	58.596
		TLX-350			9642.0	5454.0	5003.1	4679.1	4430.1	4143.2	3800.6	3365.3	3087.1	69.724
		TLX-450			16620.8	9777.4	8968.9	8388.2	7941.7	7427.5	6813.3	6033.0	5534.1	191.267
	210	TLX-100	MS	1	114.8	112.3	112.3	105.0	99.4	93.0	85.3	75.5	69.3	0.276
		TLX-125			260.4	252.5	248.3	232.2	219.8	205.6	188.6	167.0	153.2	0.815
		TLX-150			717.7	458.3	420.4	393.2	372.3	348.2	319.4	282.8	259.4	1.911
		TLX-175			1577.9	884.3	811.2	758.7	718.3	671.8	616.2	545.7	500.5	4.500
		TLX-254			3431.2	2685.9	2463.8	2304.2	2181.6	2040.3	1871.6	1657.3	1520.2	10.987
		TLX-305			9642.0	5812.1	5331.5	4986.3	4720.9	4415.2	4050.1	3586.3	3289.7	45.643
		TLX-350			9642.0	5226.4	4794.2	4483.8	4245.1	3970.3	3642.0	3224.9	2958.2	51.226
		TLX-450			16620.8	9345.0	8572.3	8017.2	7590.5	7099.0	6512.0	5766.2	5289.4	140.523
	240	TLX-100	MS	1	114.8	111.4	108.0	101.0	95.6	89.4	82.0	72.6	66.6	0.211
		TLX-125			260.4	252.5	238.8	223.4	211.5	197.8	181.4	160.7	147.4	0.624
		TLX-150			717.7	441.3	404.8	378.6	358.4	335.2	307.5	272.3	249.8	1.463
		TLX-175			1577.9	853.2	782.7	732.0	693.0	648.2	594.6	526.5	482.9	3.445
		TLX-254			3431.2	2578.9	2365.7	2212.5	2094.7	1959.1	1797.1	1591.3	1459.7	8.412
		TLX-305			9642.0	5622.8	5157.9	4823.9	4567.1	4271.4	3918.2	3469.5	3182.6	34.945
		TLX-350			9642.0	5032.8	4616.7	4317.8	4087.9	3823.2	3507.1	3105.4	2848.7	39.220
		TLX-450			16620.8	9000.0	8255.8	7721.2	7310.2	6836.9	6271.6	5553.3	5094.1	107.588
270	TLX-100	MS	1	114.8	113.6	104.2	97.4	92.3	86.3	79.1	70.1	64.3	0.167	
	TLX-125			260.4	251.4	230.6	215.7	204.2	191.0	175.2	155.1	142.3	0.493	
	TLX-150			717.7	427.3	392.0	366.6	347.1	324.6	297.8	263.7	241.9	1.156	
	TLX-175			1577.9	826.8	758.5	709.3	671.6	628.1	576.2	510.2	468.0	2.722	
	TLX-254			3431.2	2486.7	2281.1	2133.4	2019.8	1889.0	1732.8	1534.4	1407.5	6.646	
	TLX-305			9642.0	5449.3	4998.7	4675.0	4426.2	4139.6	3797.3	3362.4	3084.4	27.611	

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	200		
20	270	TLX-350	MS	1	9642.0	4870.2	4467.5	4178.2	3955.8	3699.7	3393.8	3005.1	2756.6	30.988
		TLX-450			16620.8	8698.6	7979.3	7462.7	7065.4	6607.9	6061.6	5367.3	4923.5	85.008
	300	TLX-100	MS	1	114.8	110.1	101.0	94.4	89.4	83.6	76.7	67.9	62.3	0.135
		TLX-125			260.4	243.2	223.1	208.7	197.6	184.8	169.5	150.1	137.7	0.399
		TLX-150			717.7	414.7	380.4	355.8	336.8	315.0	289.0	255.9	234.7	0.937
		TLX-175			1577.9	803.0	736.6	688.9	652.3	610.0	559.6	495.5	454.5	2.205
		TLX-254			3431.2	2406.5	2207.5	2064.6	1954.7	1828.1	1677.0	1484.9	1362.1	5.384
		TLX-305			9642.0	5294.9	4857.1	4542.6	4300.8	4022.3	3689.8	3267.2	2997.0	22.365
		TLX-350			9642.0	4723.4	4332.9	4052.3	3836.6	3588.2	3291.5	2914.5	2673.5	25.101
		TLX-450			16620.8	8442.3	7744.2	7242.8	6857.3	6413.3	5883.0	5209.2	4778.5	68.856
	330	TLX-100	MS	1	114.8	106.9	98.1	91.7	86.8	81.2	74.5	66.0	60.5	0.112
		TLX-125			260.4	236.6	217.0	203.0	192.2	179.7	164.9	146.0	133.9	0.330
		TLX-150			717.7	403.8	370.4	346.4	328.0	306.7	281.4	249.1	228.5	0.774
		TLX-175			1577.9	782.1	717.5	671.0	635.3	594.2	545.0	482.6	442.7	1.822
		TLX-254			3431.2	2336.2	2143.0	2004.2	1897.6	1774.7	1627.9	1441.5	1322.3	4.449
		TLX-305			9642.0	5156.7	4730.3	4424.0	4188.5	3917.3	3593.4	3181.8	2918.8	18.483
		TLX-350			9642.0	4593.6	4213.8	3941.0	3731.2	3489.6	3201.1	2834.4	2600.1	20.744
		TLX-450			16620.8	8209.1	7530.3	7042.7	6667.9	6236.1	5720.5	5065.3	4646.5	56.906
	180	TLX-100	MS	2	208.1	179.3	164.5	153.9	145.7	136.2	125.0	110.7	101.5	1.509
		TLX-125			506.4	491.2	468.7	438.3	415.0	388.1	356.0	315.3	289.2	4.604
		TLX-150			1874.9	966.1	886.3	828.9	784.8	733.9	673.3	596.1	546.9	10.896
		TLX-175			2350.0	1502.5	1378.3	1289.1	1220.4	1141.4	1047.0	927.1	850.5	25.047
		TLX-254			5416.4	2980.1	2733.7	2556.7	2420.6	2263.9	2076.7	1838.8	1686.8	57.673
		TLX-305			9642.0	4862.4	4460.3	4171.5	3949.5	3693.7	3388.3	3000.3	2752.2	230.328
		TLX-350			19982.6	10180.2	9338.5	8733.8	8268.9	7733.5	7094.0	6281.5	5762.2	300.136
		TLX-450			34202.5	13841.4	12696.9	11874.8	11242.7	10514.7	9645.3	8540.6	7834.4	797.161
	210	TLX-100	MS	2	208.1	176.4	161.8	151.3	143.2	134.0	122.9	108.8	99.8	1.108
		TLX-125			506.4	500.5	459.2	429.4	406.6	380.2	348.8	308.8	283.3	3.383
		TLX-150			1918.0	1185.6	1087.6	1017.1	963.0	900.6	826.2	731.6	671.1	8.347
		TLX-175			3529.8	1845.4	1692.8	1583.2	1498.9	1401.9	1286.0	1138.7	1044.5	19.099
TLX-254		7945.7			4095.0	3756.4	3513.1	3326.1	3110.8	2853.6	2526.7	2317.8	45.905	
TLX-305		11092.0			4905.9	4500.2	4208.8	3984.8	3726.8	3418.6	3027.1	2776.8	172.782	
TLX-350		13547.5			7000.0	6421.2	6005.4	5685.8	5317.6	4877.9	4319.2	3962.1	203.302	
TLX-450		34202.5			13318.2	12217.0	11425.9	10817.7	10117.3	9280.7	8217.8	7538.3	585.669	
240	TLX-100	MS	2	335.4	235.6	216.1	202.1	191.3	179.0	164.2	145.4	133.3	0.872	
	TLX-125			506.4	489.3	448.8	419.8	397.4	371.7	341.0	301.9	276.9	2.590	

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
20	240	TLX-150	MS	2	1918.0	1152.9	1057.6	989.1	936.5	875.8	803.4	711.4	652.6	6.390
		TLX-175			3529.8	1795.5	1647.0	1540.4	1458.4	1364.0	1251.2	1107.9	1016.3	14.623
		TLX-254			7945.7	3988.0	3658.2	3421.3	3239.2	3029.5	2779.0	2460.7	2257.2	35.146
		TLX-305			11092.0	4773.6	4378.9	4095.4	3877.4	3626.3	3326.5	2945.5	2701.9	132.286
		TLX-350			19982.6	9510.8	8724.4	8159.5	7725.1	7224.9	6627.5	5868.5	5383.2	168.826
		TLX-450			34202.5	12851.0	11788.4	11025.1	10438.2	9762.4	8955.2	7929.5	7273.8	448.403
	270	TLX-100	MS	2	503.8	264.0	242.2	226.5	214.4	200.6	184.0	162.9	149.4	0.706
		TLX-125			506.4	476.9	437.5	409.2	387.4	362.3	332.3	294.3	269.9	2.046
		TLX-150			1918.0	1120.7	1028.0	961.4	910.3	851.3	780.9	691.5	634.3	5.049
		TLX-175			3529.8	1744.0	1599.8	1496.2	1416.6	1324.8	1215.3	1076.1	987.1	11.554
		TLX-254			7945.7	3882.3	3561.3	3330.7	3153.4	2949.2	2705.4	2395.5	2197.5	27.770
		TLX-305			13547.5	7052.6	6469.4	6050.5	5728.5	5357.5	4914.5	4351.7	3991.8	109.476
		TLX-350			19982.6	9210.5	8448.9	7901.8	7481.2	6996.8	6418.3	5683.2	5213.3	133.394
		TLX-450			34202.5	12429.6	11401.9	10663.6	10096.0	9442.3	8661.5	7669.5	7035.3	354.294
	300	TLX-100	MS	2	503.8	257.3	236.1	220.8	209.0	195.5	179.3	158.8	145.7	0.572
		TLX-125			506.4	465.3	426.9	399.2	378.0	353.5	324.3	287.1	263.4	1.658
		TLX-150			1918.0	1090.5	1000.3	935.5	885.7	828.4	759.9	672.9	617.2	4.090
		TLX-175			3529.8	1698.1	1557.7	1456.8	1379.3	1290.0	1183.3	1047.8	961.1	9.358
		TLX-254			7945.7	3787.6	3474.5	3249.5	3076.5	2877.3	2639.4	2337.1	2143.9	22.494
		TLX-305			13547.5	6887.2	6317.7	5908.6	5594.1	5231.9	4799.3	4249.6	3898.2	88.675
		TLX-350			19982.6	8956.3	8215.7	7683.8	7274.8	6803.7	6241.2	5526.3	5069.4	108.049
		TLX-450			34202.5	12075.5	11077.0	10359.7	9808.3	9173.2	8414.7	7451.0	6834.9	286.978
	330	TLX-100	MS	2	503.8	251.0	230.2	215.3	203.9	190.7	174.9	154.9	142.1	0.473
		TLX-125			506.4	454.2	416.6	389.6	368.9	345.0	316.5	280.2	257.1	1.370
		TLX-150			1918.0	1062.5	974.7	911.5	863.0	807.1	740.4	655.6	601.4	3.380
		TLX-175			3529.8	1654.5	1517.7	1419.4	1343.8	1256.8	1152.9	1020.9	936.4	7.734
		TLX-254			7945.7	3700.3	3394.3	3174.6	3005.6	2811.0	2578.5	2283.2	2094.4	18.590
		TLX-305			13547.5	6733.8	6177.0	5777.0	5469.5	5115.4	4692.4	4155.0	3811.4	73.285
TLX-350		19982.6			8727.4	8005.8	7487.4	7088.9	6629.8	6081.7	5385.1	4939.8	89.297	
TLX-450		34202.5			11758.5	10786.3	10087.8	9550.9	8932.5	8193.9	7255.4	6655.5	237.172	
24	90	TLX-254	MS	1	2365.4	1590.7	1459.2	1364.7	1292.0	1208.4	1108.5	981.5	900.3	45.654
		TLX-305			4136.2	2994.4	2746.9	2569.0	2432.2	2274.8	2086.7	1847.7	1694.9	187.073
		TLX-350			4163.7	3791.4	3477.9	3252.7	3079.6	2880.2	2642.0	2339.4	2146.0	216.399
		TLX-450			11829.3	7839.7	7191.5	6725.8	6367.8	5955.5	5463.1	4837.4	4437.4	606.688
	120	TLX-254	MS	1	1866.5	1810.5	1810.5	1810.5	1810.5	1791.7	1643.5	1455.3	1335.0	26.736

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
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- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
24	120	TLX-305	MS	1	4163.7	3889.5	3567.9	3336.9	3159.3	2954.7	2710.4	2400.0	2201.5	107.477
		TLX-350			4163.7	3538.4	3245.8	3035.6	2874.1	2688.0	2465.7	2183.3	2002.8	121.725
		TLX-450			11829.3	7282.2	6680.1	6247.5	5915.0	5532.0	5074.6	4493.4	4121.8	341.262
	150	TLX-254	MS	1	1866.5	1819.9	1819.9	1819.9	1819.9	1702.0	1561.3	1382.5	1268.2	17.111
		TLX-305			4163.7	3687.4	3382.5	3163.5	2995.1	2801.2	2569.5	2275.3	2087.1	68.785
		TLX-350			4163.7	3324.0	3049.1	2851.7	2699.9	2525.1	2316.3	2051.0	1881.4	77.904
		TLX-450			11829.3	6829.2	6264.5	5858.9	5547.0	5187.8	4758.9	4213.8	3865.4	218.408
	180	TLX-100	MS	2	208.1	189.9	174.2	162.9	154.2	144.3	132.3	117.2	107.5	1.268
		TLX-125			420.5	330.0	302.7	283.1	268.0	250.7	230.0	203.6	186.8	3.697
		TLX-150			1315.6	696.9	639.3	597.9	566.1	529.4	485.6	430.0	394.5	8.798
		TLX-175		2304.2	1241.0	1138.4	1064.7	1008.0	942.7	864.8	765.7	702.4	20.570	
		TLX-254		1866.5	1828.9	1828.9	1828.9	1731.5	1619.4	1485.5	1315.4	1206.6	11.883	
		TLX-305		4163.7	3524.3	3232.9	3023.6	2862.6	2677.3	2455.9	2174.6	1994.8	47.767	
		TLX-350		4163.7	3157.6	2896.5	2709.0	2564.8	2398.7	2200.4	1948.3	1787.2	54.100	
	TLX-450	11829.3	6489.5	5952.9	5567.4	5271.1	4929.8	4522.2	4004.2	3673.1	151.672			
	210	TLX-100	MS	2	335.4	252.1	231.3	216.3	204.8	191.5	175.7	155.6	142.7	0.962
		TLX-125			631.5	376.2	345.1	322.8	305.6	285.8	262.2	232.1	212.9	2.760
		TLX-150			1874.9	984.8	903.4	844.9	799.9	748.1	686.3	607.7	557.4	6.801
		TLX-175		2304.2	1219.3	1118.5	1046.1	990.4	926.3	849.7	752.4	690.2	15.112	
		TLX-254		1866.5	1810.5	1810.5	1748.7	1655.7	1548.5	1420.4	1257.7	1153.7	8.730	
		TLX-305		4163.7	3382.6	3102.9	2902.0	2747.5	2569.6	2357.2	2087.2	1914.6	35.094	
		TLX-350		4163.7	3022.6	2772.7	2593.2	2455.1	2296.2	2106.3	1865.1	1710.9	39.747	
	TLX-450	11829.3	6210.2	5696.7	5327.8	5044.2	4717.6	4327.5	3831.9	3515.1	111.432			
	240	TLX-100	MS	2	503.8	281.1	257.9	241.2	228.3	213.6	195.9	173.5	159.1	0.758
TLX-125		506.4			491.2	467.5	437.3	414.0	387.2	355.2	314.5	288.5	2.193	
TLX-150		1874.9			959.2	879.9	822.9	779.1	728.7	668.4	591.9	542.9	5.207	
TLX-175		2350.0			1484.9	1362.1	1273.9	1206.1	1128.0	1034.7	916.2	840.5	11.955	
TLX-254		1866.5	1810.5	1796.7	1680.4	1590.9	1487.9	1364.9	1208.6	1108.6	6.684			
TLX-305		4163.7	3260.8	2991.2	2797.5	2648.6	2477.1	2272.3	2012.0	1845.7	26.869			
TLX-350		4163.7	2911.7	2670.9	2498.0	2365.0	2211.9	2029.0	1796.6	1648.1	30.431			
TLX-450	11829.3	5975.1	5481.0	5126.1	4853.3	4539.0	4163.7	3686.8	3382.0	85.315				
270	TLX-100	MS	2	503.8	273.5	250.8	234.6	222.1	207.7	190.6	168.7	154.8	0.599	
	TLX-125			1148.3	546.4	501.3	468.8	443.8	415.1	380.8	337.2	309.3	1.776	
	TLX-150			1874.9	932.2	855.1	799.7	757.2	708.1	649.6	575.2	527.6	4.114	
	TLX-175			2350.0	1445.6	1326.1	1240.2	1174.2	1098.2	1007.4	892.0	818.2	9.446	
	TLX-254		1866.5	1810.5	1736.0	1623.6	1537.2	1437.7	1318.8	1167.7	1071.2	5.281		

Notes

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- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)		
						Input Shaft Revolution(rpm)									
						30	40	50	60	75	100	150		200	
24	270	TLX-305	MS	1	4163.7	3159.3	2898.0	2710.4	2566.1	2400.0	2201.5	1949.4	1788.2	21.230	
		TLX-350			4163.7	2812.1	2579.6	2412.6	2284.2	2136.3	1959.6	1735.2	1591.7	24.044	
		TLX-450			11829.3	5768.3	5291.4	4948.7	4685.3	4381.9	4019.6	3559.2	3265.0	67.410	
	300	MS	TLX-100	2	503.8	266.3	244.3	228.5	216.3	202.3	185.6	164.3	150.7	0.485	
			TLX-125		1148.3	532.2	488.2	456.6	432.3	404.3	370.8	328.4	301.2	1.438	
			TLX-150		1874.9	907.2	832.2	778.3	736.9	689.2	632.2	559.8	513.5	3.333	
			TLX-175		2350.0	1408.7	1292.3	1208.6	1144.3	1070.2	981.7	869.2	797.4	7.651	
		MS	1	TLX-254	1866.5	1834.2	1682.5	1573.6	1489.8	1393.4	1278.2	1131.8	1038.2	4.278	
				TLX-305	4163.7	3068.1	2814.4	2632.2	2492.1	2330.7	2138.0	1893.1	1736.6	17.196	
				TLX-350	4163.7	2724.5	2499.2	2337.4	2213.0	2069.7	1898.5	1681.1	1542.1	19.476	
				TLX-450	11829.3	5597.9	5135.1	4802.6	4546.9	4252.5	3900.9	3454.1	3168.5	54.602	
	330	MS	2	TLX-100	503.8	259.5	238.1	222.7	210.8	197.2	180.9	160.1	146.9	0.401	
				TLX-125	1148.3	518.6	475.7	444.9	421.2	394.0	361.4	320.0	293.5	1.189	
				TLX-150	1874.9	883.9	810.8	758.3	717.9	671.4	615.9	545.4	500.3	2.754	
				TLX-175	2350.0	1373.6	1260.0	1178.4	1115.7	1043.5	957.2	847.5	777.5	6.323	
		MS	1	TLX-254	1866.5	1781.4	1634.1	1528.3	1446.9	1353.2	1241.3	1099.2	1008.3	3.535	
				TLX-305	4163.7	2983.5	2736.8	2559.6	2423.4	2266.4	2079.0	1840.9	1688.7	14.212	
				TLX-350	4163.7	2651.3	2432.1	2274.6	2153.5	2014.1	1847.5	1635.9	1500.7	16.096	
				TLX-450	11829.3	5439.1	4989.3	4666.3	4417.9	4131.8	3790.2	3356.1	3078.6	45.126	
	30	150	MS	2	TLX-254	3431.2	2598.6	2383.7	2229.4	2110.7	1974.0	1810.8	1603.4	1470.8	55.095
					TLX-305	6572.7	4188.6	3842.3	3593.5	3402.2	3181.9	2918.8	2584.5	2370.8	219.674
					TLX-350	13547.5	8829.3	8099.3	7574.8	7171.6	6707.3	6152.7	5448.0	4997.5	282.046
					TLX-450	24515.7	13915.4	12764.8	11938.2	11302.8	10570.9	9696.9	8586.3	7876.3	760.339
		180	MS	2	TLX-100	208.1	203.6	186.8	174.7	165.4	154.7	141.9	125.6	115.3	1.027
TLX-125					420.5	354.5	325.1	304.1	287.9	269.3	247.0	218.7	200.6	2.990	
TLX-150					1315.6	757.1	694.5	649.5	615.0	575.1	527.6	467.2	428.5	7.159	
TLX-175					2304.2	1318.5	1209.5	1131.1	1070.9	1001.6	918.8	813.5	746.3	16.776	
TLX-254					7945.7	4599.7	4219.4	3946.1	3736.1	3494.2	3205.3	2838.2	2603.5	45.778	
TLX-305					11092.0	5986.6	5491.6	5136.0	4862.7	4547.8	4171.8	3694.0	3388.5	164.457	
TLX-350					13547.5	8444.7	7746.4	7244.8	6859.2	6415.0	5884.6	5210.6	4779.8	195.865	
TLX-450					24515.7	13225.5	12132.0	11346.4	10742.5	10046.9	9216.2	8160.6	7485.8	528.013	
210	MS	2	TLX-100	208.1	199.1	182.6	170.8	161.7	151.2	138.7	122.8	112.7	0.754		
			TLX-125	631.5	399.7	366.7	342.9	324.7	303.7	278.6	246.7	226.3	2.241		
			TLX-150	1315.6	726.9	666.8	623.6	590.4	552.2	506.5	448.5	411.4	5.260		
			TLX-175	2304.2	1288.9	1182.4	1105.8	1046.9	979.2	898.2	795.3	729.6	12.325		
			TLX-254	7945.7	4496.1	4124.4	3857.3	3652.0	3415.5	3133.1	2774.3	2544.9	33.633		

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	200		
30	210	TLX-305	MS	2	13547.5	8046.9	7381.6	6903.6	6536.1	6112.9	5607.5	4965.2	4554.7	129.013
		TLX-350			13547.5	8095.4	7426.0	6945.2	6575.5	6149.7	5641.2	4995.1	4582.1	143.901
		TLX-450			24515.7	12682.8	11634.2	10880.8	10301.7	9634.6	8838.0	7825.7	7178.7	387.928
	240	TLX-100	MS	2	335.4	260.2	238.6	223.2	211.3	197.6	181.3	160.5	147.3	0.601
		TLX-125			631.5	390.2	358.0	334.8	317.0	296.4	271.9	240.8	220.9	1.715
		TLX-150			1315.6	702.7	644.6	602.8	570.7	533.8	489.6	433.6	397.7	4.027
		TLX-175			2350.0	1554.4	1425.9	1333.6	1262.6	1180.8	1083.2	959.1	879.8	9.822
		TLX-254			7945.7	4396.2	4032.7	3771.6	3570.8	3339.6	3063.5	2712.6	2488.3	25.750
		TLX-305			13547.5	7855.0	7205.5	6738.9	6380.2	5967.1	5473.7	4846.8	4446.0	98.776
		TLX-350			13547.5	7807.0	7161.5	6697.8	6341.3	5930.7	5440.3	4817.2	4418.9	110.174
		TLX-450			24515.7	12227.2	11216.2	10489.9	9931.6	9288.5	8520.5	7544.6	6920.8	297.007
	270	TLX-100	MS	2	335.4	253.0	232.0	217.0	205.5	192.2	176.3	156.1	143.2	0.475
		TLX-125			631.5	379.2	347.9	325.3	308.0	288.1	264.3	234.0	214.6	1.355
		TLX-150			1315.6	679.8	623.6	583.2	552.1	516.4	473.7	419.4	384.8	3.182
		TLX-175			2350.0	1511.7	1386.7	1296.9	1227.8	1148.3	1053.4	932.7	855.6	7.760
		TLX-254			7945.7	4279.5	3925.7	3671.5	3476.1	3251.0	2982.2	2640.6	2422.3	20.346
		TLX-305			13547.5	7643.0	7011.0	6557.0	6208.0	5806.0	5326.0	4716.0	4326.0	78.045
		TLX-350			13547.5	7535.5	6912.4	6464.8	6120.7	5724.4	5251.1	4649.7	4265.2	87.051
		TLX-450			24515.7	11805.9	10829.7	10128.5	9589.4	8968.4	8226.9	7284.6	6682.3	234.672
	300	TLX-100	MS	2	335.4	246.3	225.9	211.3	200.0	187.1	171.6	151.9	139.4	0.385
		TLX-125			631.5	369.1	338.6	316.6	299.8	280.4	257.2	227.7	208.9	1.098
		TLX-150			1315.6	659.8	605.3	566.1	535.9	501.2	459.8	407.1	373.5	2.577
		TLX-175			2350.0	1471.7	1350.0	1262.6	1195.4	1118.0	1025.6	908.1	833.0	6.286
		TLX-254			7945.7	4169.4	3824.7	3577.0	3386.6	3167.3	2905.4	2572.7	2359.9	16.480
		TLX-305			13547.5	7448.2	6832.3	6389.9	6049.8	5658.1	5190.2	4595.8	4215.8	63.216
		TLX-350			13547.5	7316.6	6711.6	6277.1	5942.9	5558.1	5098.6	4514.6	4141.3	70.511
		TLX-450			24515.7	11437.9	10492.2	9812.8	9290.5	8688.9	7970.5	7057.6	6474.0	190.085
	330	TLX-100	MS	2	335.4	240.0	220.1	205.9	194.9	182.3	167.2	148.1	135.8	0.318
		TLX-125			631.5	359.7	330.0	308.6	292.2	273.3	250.7	222.0	203.6	0.907
		TLX-150			1315.6	642.6	589.5	551.3	522.0	488.2	447.8	396.5	363.7	2.130
TLX-175		2350.0			1434.0	1315.4	1230.3	1164.8	1089.3	999.3	884.8	811.7	5.195	
TLX-254		7945.7			4064.4	3728.3	3486.9	3301.3	3087.5	2832.2	2507.8	2300.5	13.620	
TLX-305		13547.5			7260.8	6660.5	6229.2	5897.6	5515.7	5059.7	4480.2	4109.7	52.245	
TLX-350		13547.5			7115.3	6527.0	6104.3	5779.4	5405.2	4958.3	4390.4	4027.4	58.274	
TLX-450		24515.7			11134.1	10213.4	9552.1	9043.7	8458.1	7758.7	6870.1	6302.0	157.095	
32	120	TLX-254	MS	2	1866.5	1810.5	1759.0	1645.1	1557.6	1456.7	1336.3	1183.2	1085.4	76.962

Notes

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- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.

TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
32	120	TLX-305	MS	2	4163.7	3253.7	2984.7	2791.4	2642.8	2471.7	2267.3	2007.7	1841.6	314.402
		TLX-350			11092.0	6158.2	5649.1	5283.3	5002.1	4678.2	4291.3	3799.8	3485.7	392.882
		TLX-450			24515.7	15039.8	13796.2	12902.9	12216.1	11425.1	10480.4	9280.0	8512.7	1125.920
	150	TLX-254	MS	2	3431.2	2650.1	2431.0	2273.6	2152.5	2013.2	1846.7	1635.2	1500.0	52.088
		TLX-305			6572.7	4284.5	3930.2	3675.7	3480.1	3254.8	2985.6	2643.7	2425.1	206.945
		TLX-350			11092.0	5847.5	5364.0	5016.7	4749.7	4442.1	4074.8	3608.1	3309.8	251.445
		TLX-450			24515.7	14190.7	13017.4	12174.5	11526.5	10780.1	9888.8	8756.2	8032.2	720.589
	180	TLX-100	MS	2	208.1	207.8	190.6	178.2	168.8	157.8	144.8	128.2	117.6	0.966
		TLX-125			420.5	361.8	331.8	310.4	293.8	274.8	252.1	223.2	204.8	2.814
		TLX-150			580.2	568.1	568.1	568.1	568.1	531.4	487.4	431.6	395.9	6.622
		TLX-175			1261.8	1238.3	1135.9	1062.3	1005.8	940.7	862.9	764.1	700.9	15.549
		TLX-254			5416.4	3411.1	3129.1	2926.5	2770.7	2591.3	2377.0	2104.8	1930.7	38.881
		TLX-305			11092.0	6147.7	5639.3	5274.2	4993.4	4670.1	4284.0	3793.3	3479.7	155.617
		TLX-350			13547.5	8615.5	7903.2	7391.4	6998.0	6544.9	6003.7	5316.1	4876.5	185.759
	TLX-450	24515.7	13521.8	12403.8	11600.6	10983.1	10272.0	9422.6	8343.4	7653.5	500.409			
	210	TLX-100	MS	2	208.1	202.9	186.1	174.1	164.8	154.1	141.4	125.2	114.8	0.710
		TLX-125			420.5	353.0	323.8	302.9	286.7	268.2	246.0	217.8	199.8	2.067
		TLX-150			580.2	562.8	562.8	562.8	553.4	517.6	474.8	420.4	385.6	4.865
		TLX-175			1261.8	1211.6	1111.5	1039.5	984.2	920.4	844.3	747.6	685.8	11.423
		TLX-254			5416.4	3349.7	3072.8	2873.8	2720.8	2544.7	2334.3	2066.9	1896.0	28.565
		TLX-305			11092.0	5923.0	5433.3	5081.4	4811.0	4499.5	4127.4	3654.7	3352.5	114.331
		TLX-350			13547.5	8276.7	7592.4	7100.8	6722.8	6287.5	5767.6	5107.0	4684.7	136.476
	TLX-450	24515.7	12970.7	11898.2	11127.8	10535.5	9853.3	9038.6	8003.4	7341.6	367.647			
	240	TLX-100	MS	2	208.1	197.4	181.1	169.3	160.3	149.9	137.5	121.8	111.7	0.544
		TLX-125			631.5	397.1	364.2	340.6	322.5	301.6	276.7	245.0	224.7	1.616
		TLX-150			580.2	567.3	567.3	567.3	537.1	502.3	460.8	408.0	374.3	3.725
		TLX-175			2304.2	1277.6	1172.0	1096.1	1037.7	970.6	890.3	788.3	723.2	8.903
		TLX-254			5416.4	3266.6	2996.5	2802.5	2653.3	2481.5	2276.3	2015.6	1849.0	21.870
		TLX-305			11092.0	5720.5	5247.5	4907.7	4646.5	4345.6	3986.3	3529.7	3237.9	87.534
		TLX-350			13547.5	7968.6	7309.8	6836.4	6472.6	6053.4	5552.9	4916.9	4510.4	104.489
	TLX-450	24515.7	12467.4	11436.5	10696.0	10126.7	9471.0	8687.9	7692.8	7056.7	281.480			
	270	TLX-100	MS	2	208.1	191.5	175.7	164.3	155.5	145.5	133.4	118.2	108.4	0.429
TLX-125		631.5			385.6	353.7	330.8	313.2	292.9	268.7	237.9	218.2	1.277	
TLX-150		580.2			562.8	562.8	549.3	520.0	486.4	446.2	395.1	362.4	2.943	
TLX-175		2304.2			1242.7	1139.9	1066.1	1009.4	944.0	865.9	766.8	703.4	7.035	
TLX-254		5416.4			3175.2	2912.7	2724.1	2579.1	2412.1	2212.6	1959.2	1797.2	17.280	

Notes

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TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)		
						Input Shaft Revolution(rpm)									
						30	40	50	60	75	100	150		200	
32	270	TLX-305	MS	2	11092.0	5546.8	5088.2	4758.7	4505.4	4213.7	3865.3	3422.6	3139.6	69.163	
		TLX-350			13547.5	7686.3	7050.7	6594.2	6243.2	5838.9	5356.2	4742.7	4350.5	82.559	
		TLX-450			24515.7	12044.9	11048.9	10333.5	9783.5	9150.0	8393.4	7432.1	6817.6	222.404	
	300	MS	2	TLX-100	208.1	186.3	170.9	159.8	151.3	141.5	129.8	115.0	105.4	0.348	
				TLX-125	631.5	375.2	344.1	321.9	304.7	285.0	261.4	231.5	212.3	1.034	
				TLX-150	580.2	571.5	571.5	534.5	506.1	473.3	434.2	384.5	352.7	2.384	
				TLX-175	2304.2	1209.4	1109.4	1037.6	982.3	918.7	842.8	746.2	684.5	5.698	
				TLX-254	5416.4	3089.0	2833.6	2650.1	2509.0	2346.6	2152.5	1906.0	1748.4	13.997	
				TLX-305	11092.0	5387.2	4941.8	4621.8	4375.8	4092.4	3754.1	3324.1	3049.2	56.022	
				TLX-350	13547.5	7466.6	6849.3	6405.8	6064.8	5672.1	5203.1	4607.2	4226.2	66.873	
	TLX-450	24515.7	11686.5	10720.2	10026.0	9492.4	8877.7	8143.7	7211.0	6614.7	180.147				
	330	MS	2	TLX-100	208.1	181.5	166.5	155.7	147.4	137.9	126.5	112.0	102.7	0.287	
				TLX-125	631.5	365.6	335.4	313.7	297.0	277.7	254.8	225.6	206.9	0.855	
				TLX-150	580.2	562.8	556.3	520.3	492.6	460.7	422.6	374.2	343.3	1.970	
				TLX-175	2304.2	1178.3	1080.9	1010.9	957.1	895.1	821.1	727.0	666.9	4.709	
				TLX-254	5416.4	3010.7	2761.7	2582.9	2445.4	2287.1	2098.0	1857.7	1704.1	11.568	
				TLX-305	11092.0	5254.5	4820.0	4507.9	4268.0	3991.6	3661.6	3242.2	2974.1	46.299	
				TLX-350	13547.5	7260.8	6660.5	6229.2	5897.6	5515.7	5059.7	4480.2	4109.7	55.267	
	TLX-450	24515.7	11353.6	10414.8	9740.4	9222.0	8624.8	7911.7	7005.5	6426.3	148.882				
	40	90	TLX-305	MS	2	2870.4	1785.6	1638.0	1531.9	1450.4	1356.4	1244.3	1101.8	1010.7	435.774
			TLX-350			4163.7	3734.2	3425.4	3203.6	3033.1	2836.7	2602.1	2304.1	2113.6	513.650
TLX-450			13608.3			8047.3	7381.9	6903.9	6536.4	6113.2	5607.7	4965.5	4554.9	1463.302	
120		MS	2	TLX-254	3408.6	2288.6	2099.3	1963.4	1858.9	1738.5	1594.8	1412.1	1295.4	64.235	
				TLX-305	6572.7	4636.9	4253.5	3978.1	3766.4	3522.5	3231.2	2861.2	2624.6	263.682	
				TLX-350	6572.7	4674.1	4287.7	4010.0	3796.6	3550.8	3257.2	2884.1	2645.6	297.878	
				TLX-450	13608.3	7494.2	6874.5	6429.4	6087.1	5693.0	5222.3	4624.1	4241.8	823.107	
150		MS	2	TLX-254	3431.2	2870.9	2633.5	2463.0	2331.9	2180.9	2000.6	1771.4	1625.0	43.068	
				TLX-305	6572.7	4642.9	4259.0	3983.2	3771.2	3527.0	3235.4	2864.8	2628.0	168.757	
				TLX-350	6572.7	4404.3	4040.1	3778.5	3577.4	3345.8	3069.1	2717.6	2492.9	190.642	
				TLX-450	16620.8	10907.1	10005.3	9357.4	8859.3	8285.7	7600.6	6730.1	6173.6	550.850	
180		MS	2	TLX-254	3431.2	2823.0	2589.6	2421.9	2293.0	2144.5	1967.2	1741.9	1597.9	29.908	
				TLX-305	6572.7	4563.5	4186.2	3915.1	3706.7	3466.7	3180.1	2815.8	2583.0	117.192	
				TLX-350	9642.0	5769.2	5292.2	4949.5	4686.1	4382.6	4020.2	3559.8	3265.5	139.447	
				TLX-450	16620.8	10380.7	9522.4	8905.8	8431.7	7885.8	7233.7	6405.2	5875.6	382.534	
210		MS	2	TLX-254	3431.2	2744.7	2517.8	2354.8	2229.4	2085.1	1912.7	1693.6	1553.6	21.974	
				TLX-305	9642.0	6168.5	5658.4	5292.0	5010.4	4685.9	4298.5	3806.2	3491.4	91.285	

Notes

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TLX Series

Torque Capacity table

No. of stops S	Index Angle α (deg)	MYDEX Model Number	Cam Motion Law	Cam type	Static Torque MI (N·m)	Dynamic Torque Mr (N·m)							Inertia Torque Self-consumed Ma (N·m)	
						Input Shaft Revolution(rpm)								
						30	40	50	60	75	100	150		200
40	210	TLX-350	MS	2	9642.0	5534.0	5076.4	4747.7	4495.0	4204.0	3856.3	3414.7	3132.3	102.451
		TLX-450			16620.8	9914.9	9095.0	8506.1	8053.4	7531.9	6909.1	6117.8	5611.9	281.046
	240	TLX-254	MS	2	3431.2	2665.8	2445.4	2287.0	2165.3	2025.1	1857.7	1644.9	1508.9	16.823
		TLX-305			9642.0	5952.0	5459.8	5106.3	4834.5	4521.5	4147.6	3672.6	3368.9	69.890
		TLX-350			9642.0	5323.2	4883.1	4566.9	4323.8	4043.8	3709.5	3284.6	3013.0	78.439
		TLX-450			16620.8	9531.6	8743.5	8177.4	7742.1	7240.8	6642.1	5881.3	5395.0	215.176
	270	TLX-254	MS	2	3431.2	2584.8	2371.1	2217.5	2099.5	1963.6	1801.2	1594.9	1463.0	13.293
		TLX-305			9642.0	5753.6	5277.8	4936.1	4673.3	4370.7	4009.3	3550.1	3256.6	55.222
		TLX-350			9642.0	5134.4	4709.9	4404.9	4170.4	3900.4	3577.9	3168.1	2906.1	61.977
		TLX-450			16620.8	9204.6	8443.5	7896.8	7476.5	6992.4	6414.2	5679.6	5209.9	170.015
	300	TLX-254	MS	2	3431.2	2513.1	2305.3	2156.1	2041.3	1909.1	1751.3	1550.7	1422.5	10.767
		TLX-305			9642.0	5595.3	5132.7	4800.3	4544.8	4250.5	3899.1	3452.5	3167.0	44.730
		TLX-350			9642.0	4975.4	4564.0	4268.4	4041.2	3779.6	3467.1	3070.0	2816.1	50.201
		TLX-450			16620.8	8915.3	8178.1	7648.6	7241.4	6772.5	6212.6	5501.0	5046.2	137.712
	330	TLX-254	MS	2	3431.2	2447.3	2245.0	2099.6	1987.8	1859.1	1705.4	1510.1	1385.2	8.898
		TLX-305			9642.0	5445.6	4995.3	4671.9	4423.2	4136.8	3794.8	3360.1	3082.3	36.967
		TLX-350			9642.0	4837.4	4437.4	4150.1	3929.2	3674.8	3370.9	2984.9	2738.0	41.489
		TLX-450			16620.8	8676.3	7958.9	7443.5	7047.3	6591.0	6046.0	5353.6	4910.9	113.812

Notes

- The dynamic rated output torque rigidity and whether backlash driven layout installation, a guide has been calculated at 10,000 hours life expectancy every normal state.
- Static rated output torque is the maximum permissible torque acting on the output shaft.
- Internal inertia torque output shaft in the self-inertia, input shaft speed value at 100rpm.