

PPI 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
2	240	PPI- 80	MS	1	189.6	101.5	93.1	87.0	82.4	77.1	70.7	62.6	57.4	0.337
		PPI- 100			346.8	123.9	113.6	106.3	100.6	94.1	86.3	76.4	70.1	1.052
		PPI- 125			830.6	251.0	230.2	215.3	203.8	190.6	174.9	154.8	142.0	5.483
		PPI- 150			707.8	410.4	376.5	352.1	333.4	311.8	286.0	253.2	232.3	2.847
		PPI- 175			2434.3	869.9	798.0	746.3	706.6	660.8	606.2	536.7	492.4	12.008
		PPI- 200			3042.9	1060.5	972.8	909.8	861.4	805.6	739.0	654.3	600.2	17.974
	270	PPI- 80	MS	1	189.6	100.7	92.3	86.4	81.8	76.5	70.1	62.1	57.0	0.266
		PPI- 100			288.6	197.9	181.5	169.8	160.7	150.3	137.9	122.1	112.0	0.866
		PPI- 125			655.4	387.9	355.8	332.8	315.1	294.7	270.3	239.4	219.6	4.412
		PPI- 150			1301.2	560.9	514.6	481.2	455.6	426.1	390.9	346.1	317.5	2.445
		PPI- 175			2434.3	857.0	786.1	735.2	696.1	651.0	597.2	528.8	485.1	9.488
		PPI- 200			4463.9	1411.7	1295.0	1211.1	1146.7	1072.4	983.7	871.1	799.0	15.238
	300	PPI- 80	MS	1	189.6	99.2	91.0	85.1	80.6	75.4	69.1	61.2	56.2	0.216
		PPI- 100			288.6	195.2	179.1	167.5	158.6	148.3	136.0	120.4	110.5	0.701
		PPI- 125			655.4	383.2	351.5	328.8	311.3	291.1	267.0	236.5	216.9	3.573
		PPI- 150			1301.2	552.6	506.9	474.1	448.8	419.8	385.0	340.9	312.8	1.980
		PPI- 175			2434.3	842.2	772.5	722.5	684.1	639.8	586.9	519.6	476.7	7.685
		PPI- 200			4463.9	1395.7	1280.3	1197.4	1133.6	1060.2	972.6	861.2	790.0	12.343
	330	PPI- 80	MS	1	189.6	97.9	89.8	84.0	79.5	74.3	68.2	60.4	55.4	0.178
		PPI- 100			288.6	192.7	176.7	165.3	156.5	146.4	134.3	118.9	109.1	0.580
		PPI- 125			655.4	377.7	346.5	324.1	306.8	286.9	263.2	233.1	213.8	2.953
		PPI- 150			1301.2	543.4	498.5	466.2	441.4	412.8	378.7	335.3	307.6	1.636
		PPI- 175			2434.3	829.1	760.5	711.3	673.4	629.8	577.7	511.6	469.3	6.351
		PPI- 200			4463.9	1377.9	1264.0	1182.2	1119.2	1046.8	960.2	850.2	779.9	10.201
3	150	PPI- 80	MS	1	121.5	84.6	77.6	72.5	68.7	64.2	58.9	52.2	47.9	0.557
		PPI- 100			230.9	137.8	126.4	118.2	111.9	104.7	96.0	85.0	78.0	1.768
		PPI- 125			438.1	172.8	158.5	148.2	140.3	131.2	120.4	106.6	97.8	9.162
		PPI- 150			707.8	476.6	437.2	408.9	387.1	362.0	332.1	294.1	269.8	4.859
		PPI- 175			1542.1	764.2	701.0	655.6	620.7	580.5	532.5	471.5	432.5	19.680
		PPI- 200			3042.9	1219.8	1119.0	1046.5	990.8	926.7	850.0	752.7	690.5	30.676
	180	PPI- 80	MS	1	189.6	115.5	106.0	99.1	93.9	87.8	80.5	71.3	65.4	0.399
		PPI- 100			346.8	141.2	129.5	121.2	114.7	107.3	98.4	87.1	79.9	1.246
		PPI- 125			351.6	267.5	245.4	229.5	217.3	203.2	186.4	165.1	151.4	6.432
		PPI- 150			1301.2	650.3	596.5	557.9	528.2	494.0	453.1	401.2	368.1	3.667
		PPI- 175			2434.3	991.6	909.6	850.7	805.4	753.3	691.0	611.8	561.2	14.231
		PPI- 200			4463.9	1626.3	1491.9	1395.3	1321.0	1235.5	1133.3	1003.5	920.5	22.857

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
3	210	PPI- 80	MS	1	189.6	114.3	104.9	98.1	92.9	86.9	79.7	70.5	64.7	0.293
		PPI- 100			288.6	224.6	206.0	192.7	182.4	170.6	156.5	138.6	127.1	0.954
		PPI- 125			830.6	281.5	258.2	241.5	228.6	213.8	196.2	173.7	159.3	4.774
		PPI- 150			1301.2	638.0	585.2	547.3	518.2	484.7	444.6	393.7	361.1	2.694
		PPI- 175			2434.3	973.2	892.7	834.9	790.5	739.3	678.1	600.5	550.8	10.456
		PPI- 200			4463.9	1603.1	1470.6	1375.3	1302.1	1217.8	1117.1	989.2	907.4	16.793
	240	PPI- 80	MS	1	189.6	112.4	103.1	96.4	91.3	85.4	78.3	69.4	63.6	0.225
		PPI- 100			288.6	221.1	202.8	189.7	179.6	167.9	154.1	136.4	125.1	0.730
		PPI- 125			830.6	277.1	254.2	237.7	225.1	210.5	193.1	171.0	156.8	3.655
		PPI- 150			1301.2	624.2	572.6	535.5	507.0	474.2	435.0	385.1	353.3	2.063
		PPI- 175			2434.3	952.3	873.6	817.0	773.5	723.4	663.6	587.6	539.0	8.005
		PPI- 200			4463.9	1579.0	1448.4	1354.6	1282.5	1199.5	1100.3	974.3	893.7	12.857
	270	PPI- 80	MS	1	189.6	110.0	100.9	94.4	89.4	83.6	76.7	67.9	62.3	0.177
		PPI- 100			288.6	216.8	198.9	186.0	176.1	164.7	151.1	133.8	122.7	0.577
		PPI- 125			830.6	271.8	249.3	233.2	220.8	206.5	189.4	167.7	153.8	2.888
		PPI- 150			1301.2	611.4	560.8	524.5	496.6	464.4	426.0	377.2	346.0	1.630
		PPI- 175			2434.3	932.9	855.7	800.3	757.7	708.7	650.1	575.6	528.0	6.325
		PPI- 200			4463.9	1550.9	1422.7	1330.6	1259.7	1178.2	1080.8	957.0	877.8	10.159
	300	PPI- 80	MS	1	189.6	107.3	98.4	92.0	87.1	81.5	74.7	66.2	60.7	0.144
		PPI- 100			288.6	213.1	195.5	182.8	173.1	161.9	148.5	131.5	120.6	0.467
		PPI- 125			830.6	267.1	245.0	229.2	217.0	202.9	186.1	164.8	151.2	2.339
		PPI- 150			1301.2	598.3	548.8	513.3	486.0	454.5	416.9	369.2	338.6	1.320
		PPI- 175			2434.3	913.1	837.6	783.3	741.6	693.6	636.3	563.4	516.8	5.123
		PPI- 200			4463.9	1524.6	1398.6	1308.0	1238.4	1158.2	1062.4	940.7	863.0	8.229
330	PPI- 80	MS	1	189.6	104.4	95.8	89.6	84.8	79.3	72.8	64.4	59.1	0.119	
	PPI- 100			288.6	209.2	191.9	179.5	169.9	158.9	145.8	129.1	118.4	0.386	
	PPI- 125			830.6	262.0	240.3	224.8	212.8	199.0	182.6	161.7	148.3	1.933	
	PPI- 150			1301.2	586.4	538.0	503.1	476.3	445.5	408.7	361.9	331.9	1.091	
	PPI- 175			2434.3	895.1	821.1	767.9	727.0	679.9	623.7	552.3	506.6	4.234	
	PPI- 200			4463.9	1497.1	1373.3	1284.4	1216.0	1137.3	1043.3	923.8	847.4	6.800	
4	120	PPI- 80	MS	1	67.0	54.6	50.1	46.8	44.3	41.5	38.0	33.7	30.9	0.638
		PPI- 100			144.3	116.2	106.6	99.7	94.4	88.3	81.0	71.7	65.8	2.056
		PPI- 125			291.6	194.5	178.4	166.9	158.0	147.8	135.5	120.0	110.1	10.733
		PPI- 150			395.6	345.2	316.6	296.1	280.3	262.2	240.5	213.0	195.4	5.485
		PPI- 175			838.9	639.1	586.3	548.3	519.1	485.5	445.4	394.4	361.8	22.708
		PPI- 200			1914.9	788.9	723.7	676.8	640.8	599.3	549.7	486.8	446.5	34.372

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	
4	150	PPI- 80	MS	1	67.0	55.3	50.7	47.4	44.9	42.0	38.5	34.1	31.3	0.408
		PPI- 100			144.3	115.2	105.7	98.8	93.6	87.5	80.3	71.1	65.2	1.316
		PPI- 125			438.1	197.6	181.3	169.5	160.5	150.1	137.7	121.9	111.9	6.910
		PPI- 150			897.0	344.9	316.4	295.9	280.1	262.0	240.3	212.8	195.2	3.597
		PPI- 175			838.9	621.5	570.1	533.2	504.8	472.1	433.1	383.5	351.8	14.533
		PPI- 200			1927.7	1057.3	969.9	907.1	858.8	803.2	736.8	652.4	598.5	22.624
	180	PPI- 80	MS	1	121.5	97.5	89.5	83.7	79.2	74.1	68.0	60.2	55.2	0.296
		PPI- 100			230.9	153.4	140.8	131.6	124.6	116.6	106.9	94.7	86.9	0.934
		PPI- 125			351.6	302.9	277.9	259.9	246.1	230.1	211.1	186.9	171.5	4.868
		PPI- 150			707.8	525.6	482.1	450.9	426.9	399.3	366.3	324.3	297.5	2.636
		PPI- 175			838.9	605.2	555.1	519.2	491.6	459.7	421.7	373.4	342.5	10.093
		PPI- 200			3042.9	1369.4	1256.1	1174.8	1112.3	1040.2	954.2	844.9	775.1	16.581
	210	PPI- 80	MS	1	121.5	95.1	87.2	81.6	77.3	72.3	66.3	58.7	53.8	0.217
		PPI- 100			346.8	155.2	142.4	133.2	126.1	117.9	108.2	95.8	87.9	0.699
		PPI- 125			351.6	294.7	270.3	252.8	239.4	223.9	205.4	181.8	166.8	3.577
		PPI- 150			707.8	510.0	467.8	437.5	414.2	387.4	355.4	314.7	288.7	1.937
		PPI- 175			1542.1	821.5	753.5	704.7	667.2	624.0	572.4	506.9	465.0	7.714
		PPI- 200			3042.9	1340.0	1229.2	1149.6	1088.4	1017.9	933.8	826.8	758.4	12.182
	240	PPI- 80	MS	1	121.5	92.0	84.4	78.9	74.7	69.9	64.1	56.8	52.1	0.166
		PPI- 100			346.8	151.4	138.9	129.9	123.0	115.0	105.5	93.4	85.7	0.535
		PPI- 125			351.6	287.5	263.7	246.7	233.5	218.4	200.3	177.4	162.7	2.738
		PPI- 150			707.8	497.0	455.9	426.4	403.7	377.5	346.3	306.6	281.3	1.483
		PPI- 175			1542.1	799.4	733.3	685.8	649.3	607.2	557.0	493.2	452.5	5.906
		PPI- 200			3042.9	1310.0	1201.7	1123.9	1064.1	995.2	912.9	808.3	741.5	9.327
270	PPI- 80	MS	1	121.5	89.3	81.9	76.6	72.5	67.8	62.2	55.1	50.5	0.131	
	PPI- 100			346.8	147.7	135.5	126.7	120.0	112.2	102.9	91.1	83.6	0.423	
	PPI- 125			351.6	280.6	257.4	240.8	227.9	213.2	195.6	173.2	158.8	2.164	
	PPI- 150			1292.6	494.7	453.8	424.4	401.9	375.8	344.8	305.3	280.0	1.212	
	PPI- 175			1542.1	779.4	714.9	668.7	633.1	592.1	543.1	480.9	441.1	4.666	
	PPI- 200			3042.9	1278.4	1172.7	1096.8	1038.4	971.2	890.9	788.8	723.6	7.369	
300	PPI- 80	MS	1	121.5	86.6	79.5	74.3	70.4	65.8	60.4	53.5	49.0	0.106	
	PPI- 100			346.8	144.3	132.3	123.8	117.2	109.6	100.5	89.0	81.7	0.343	
	PPI- 125			351.6	273.9	251.3	235.0	222.5	208.1	190.9	169.0	155.0	1.753	
	PPI- 150			1292.6	482.8	442.9	414.2	392.1	366.8	336.4	297.9	273.3	0.981	
	PPI- 175			1542.1	760.2	697.3	652.2	617.5	577.5	529.7	469.1	430.3	3.780	
	PPI- 200			3042.9	1250.8	1147.4	1073.1	1016.0	950.2	871.6	771.8	708.0	5.969	

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	
4	330	PPI- 80	MS	1	121.5	84.2	77.2	72.2	68.4	63.9	58.6	51.9	47.6	0.088
		PPI-100			346.8	141.1	129.4	121.0	114.6	107.2	98.3	87.0	79.8	0.283
		PPI-125			351.6	267.7	245.6	229.7	217.4	203.4	186.6	165.2	151.5	1.448
		PPI-150			1292.6	471.4	432.4	404.4	382.9	358.1	328.5	290.8	266.8	0.811
		PPI-175			1542.1	742.4	681.0	636.9	603.0	564.0	517.4	458.1	420.2	3.124
		PPI-200			3042.9	1223.6	1122.4	1049.8	993.9	929.5	852.7	755.0	692.6	4.933
5	120	PPI- 80	MS	1	67.0	61.6	56.5	52.9	50.1	46.8	43.0	38.0	34.9	0.515
		PPI-100			144.3	130.3	119.5	111.8	105.8	99.0	90.8	80.4	73.7	1.658
		PPI-125			291.6	215.3	197.5	184.7	174.9	163.6	150.0	132.9	121.9	8.622
		PPI-150			492.8	242.5	222.5	208.1	197.0	184.2	169.0	149.7	137.3	4.292
		PPI-175			468.8	436.2	400.1	374.2	354.3	331.3	304.0	269.1	246.9	17.810
		PPI-200			1048.6	856.3	785.5	734.6	695.5	650.5	596.7	528.4	484.7	27.561
	150	PPI- 80	MS	1	67.0	60.8	55.8	52.2	49.4	46.2	42.4	37.5	34.4	0.330
		PPI-100			144.3	126.2	115.7	108.2	102.5	95.8	87.9	77.9	71.4	1.061
		PPI-125			291.6	208.7	191.4	179.0	169.5	158.5	145.4	128.8	118.1	5.518
		PPI-150			395.6	365.4	335.1	313.4	296.8	277.5	254.6	225.4	206.8	2.873
		PPI-175			1063.1	432.8	397.0	371.3	351.6	328.8	301.6	267.1	245.0	11.519
		PPI-200			1914.9	852.0	781.6	731.0	692.0	647.2	593.7	525.7	482.2	17.918
	180	PPI- 80	MS	1	67.0	58.9	54.0	50.5	47.9	44.8	41.1	36.4	33.3	0.229
		PPI-100			144.3	122.3	112.2	104.9	99.3	92.9	85.2	75.5	69.2	0.737
		PPI-125			291.6	202.4	185.7	173.6	164.4	153.7	141.0	124.9	114.6	3.832
		PPI-150			395.6	352.6	323.5	302.5	286.4	267.9	245.7	217.6	199.6	1.995
		PPI-175			1063.1	417.9	383.3	358.5	339.4	317.4	291.2	257.8	236.5	7.999
		PPI-200			1927.7	1131.7	1038.1	970.9	919.2	859.7	788.6	698.3	640.5	12.878
	210	PPI- 80	MS	1	67.0	56.8	52.1	48.8	46.2	43.2	39.6	35.1	32.2	0.168
		PPI-100			144.3	118.4	108.6	101.6	96.2	90.0	82.5	73.1	67.0	0.542
		PPI-125			438.1	203.3	186.5	174.4	165.1	154.4	141.6	125.4	115.0	2.836
		PPI-150			395.6	341.7	313.5	293.2	277.6	259.6	238.1	210.9	193.4	1.466
		PPI-175			838.9	635.2	582.7	545.0	516.0	482.6	442.7	392.0	359.6	6.019
		PPI-200			1927.7	1098.6	1007.8	942.5	892.4	834.6	765.6	677.9	621.8	9.461
240	PPI- 80	MS	1	67.0	54.8	50.3	47.1	44.5	41.7	38.2	33.8	31.0	0.129	
	PPI-100			230.9	157.1	144.1	134.8	127.6	119.4	109.5	96.9	88.9	0.426	
	PPI-125			438.1	197.1	180.8	169.1	160.1	149.7	137.4	121.6	111.6	2.172	
	PPI-150			395.6	331.0	303.6	284.0	268.9	251.4	230.7	204.2	187.4	1.122	
	PPI-175			838.9	615.9	565.0	528.4	500.2	467.9	429.2	380.0	348.6	4.608	
	PPI-200			1927.7	1067.5	979.3	915.9	867.1	811.0	743.9	658.7	604.2	7.244	

Notes

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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	270	PPI- 80	MS	1	67.0	53.1	48.7	45.6	43.1	40.3	37.0	32.8	30.1	0.102
		PPI- 100			230.9	152.9	140.3	131.2	124.2	116.1	106.5	94.3	86.5	0.336
		PPI- 125			438.1	191.9	176.1	164.7	155.9	145.8	133.7	118.4	108.6	1.716
		PPI- 150			395.6	321.6	295.0	275.9	261.2	244.3	224.1	198.4	182.0	0.887
		PPI- 175			838.9	598.3	548.9	513.3	486.0	454.5	417.0	369.2	338.7	3.641
		PPI- 200			1927.7	1039.0	953.0	891.3	843.9	789.2	724.0	641.1	588.1	5.052
	300	PPI- 80	MS	1	67.0	51.6	47.3	44.2	41.9	39.2	35.9	31.8	29.2	0.082
		PPI- 100			230.9	148.4	136.1	127.3	120.5	112.7	103.4	91.5	84.0	0.272
		PPI- 125			438.1	187.0	171.5	160.4	151.9	142.0	130.3	115.4	105.8	1.390
		PPI- 150			395.6	312.4	286.5	268.0	253.7	237.3	217.7	192.7	176.8	0.718
		PPI- 175			838.9	582.5	534.3	499.7	473.1	442.5	405.9	359.4	329.7	2.949
		PPI- 200			1927.7	1013.5	929.7	869.5	823.2	769.9	706.2	625.3	573.6	4.636
	330	PPI- 80	MS	1	67.0	50.1	46.0	43.0	40.7	38.1	34.9	30.9	28.4	0.068
		PPI- 100			230.9	144.1	132.2	123.6	117.0	109.5	100.4	88.9	81.6	0.225
		PPI- 125			438.1	182.3	167.2	156.4	148.1	138.5	127.1	112.5	103.2	1.149
		PPI- 150			395.6	305.0	279.8	261.6	247.7	231.7	212.5	188.2	172.6	0.594
		PPI- 175			838.9	567.6	520.7	487.0	461.1	431.2	395.5	350.2	321.3	2.437
		PPI- 200			1927.7	989.3	907.5	848.8	803.6	751.6	689.4	610.5	560.0	3.831
6	90	PPI- 80	MS	1	189.6	133.1	122.1	114.2	108.1	101.1	92.8	82.1	75.4	0.799
		PPI- 100			346.8	174.1	159.7	149.4	141.4	132.3	121.3	107.4	98.5	2.493
		PPI- 125			830.6	352.7	323.5	302.6	286.5	267.9	245.8	217.6	199.6	12.997
		PPI- 150			1301.2	802.1	735.8	688.1	651.5	609.3	558.9	494.9	454.0	7.334
		PPI- 175			1542.1	924.8	848.3	793.4	751.2	702.5	644.4	570.6	523.4	27.334
		PPI- 200			3042.9	1484.7	1361.9	1273.7	1205.9	1127.8	1034.6	916.1	840.3	42.606
	120	PPI- 80	MS	1	189.6	134.6	123.4	115.4	109.3	102.2	93.8	83.0	76.2	0.449
		PPI- 100			288.6	272.3	249.8	233.6	221.2	206.9	189.8	168.0	154.1	1.461
		PPI- 125			655.4	534.4	490.2	458.5	434.1	406.0	372.4	329.8	302.5	7.445
		PPI- 150			1301.2	770.7	707.0	661.2	626.0	585.5	537.1	475.6	436.2	4.125
		PPI- 175			2434.3	1178.4	1081.0	1011.0	957.2	895.2	821.2	727.1	667.0	16.010
		PPI- 200			5135.2	2008.6	1842.5	1723.2	1631.5	1525.8	1399.7	1239.4	1136.9	26.924
	150	PPI- 80	MS	1	189.6	129.9	119.1	111.4	105.5	98.7	90.5	80.1	73.5	0.288
		PPI- 100			288.6	262.9	241.2	225.6	213.6	199.7	183.2	162.2	148.8	0.935
		PPI- 125			655.4	515.6	472.9	442.3	418.8	391.6	359.3	318.1	291.8	4.765
		PPI- 150			1301.2	739.0	677.9	634.0	600.2	561.4	514.9	456.0	418.3	2.640
		PPI- 175			2434.3	1128.8	1035.4	968.4	916.8	857.5	786.6	696.5	638.9	10.247
		PPI- 200			5135.2	1933.6	1773.7	1658.9	1570.6	1468.9	1347.4	1193.1	1094.5	17.231

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.

PPI 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
6	180	PPI- 80	MS	1	189.6	124.4	114.1	106.7	101.0	94.5	86.7	76.7	70.4	0.200
		PPI- 100			288.6	253.8	232.8	217.8	206.2	192.8	176.9	156.6	143.7	0.649
		PPI- 125			655.4	498.2	457.0	427.4	404.7	378.5	347.2	307.4	282.0	3.309
		PPI- 150			1301.2	710.2	651.5	609.3	576.9	539.5	494.9	438.2	402.0	1.833
		PPI- 175			2434.3	1084.2	994.5	930.1	880.6	823.6	755.5	669.0	613.6	7.116
		PPI- 200			5135.2	1868.7	1714.2	1603.2	1517.8	1419.6	1302.2	1153.0	1057.7	11.966
	210	PPI- 80	MS	1	189.6	119.0	109.2	102.1	96.7	90.4	83.0	73.5	67.4	0.147
		PPI- 100			288.6	245.0	224.8	210.2	199.0	186.1	170.7	151.2	138.7	0.477
		PPI- 125			655.4	480.8	441.0	412.5	390.5	365.2	335.0	296.7	272.1	2.431
		PPI- 150			1301.2	684.7	628.1	587.4	556.2	520.1	477.1	422.5	387.6	1.347
		PPI- 175			2434.3	1045.2	958.8	896.7	849.0	794.0	728.4	644.9	591.6	5.228
		PPI- 200			5135.2	1808.3	1658.8	1551.4	1468.8	1373.7	1260.1	1115.8	1023.5	8.791
	240	PPI- 80	MS	1	189.6	114.4	105.0	98.2	92.9	86.9	79.7	70.6	64.8	0.112
		PPI- 100			288.6	237.5	217.9	203.8	192.9	180.4	165.5	146.5	134.4	0.365
		PPI- 125			655.4	461.6	423.4	396.0	374.9	350.7	321.7	284.8	261.3	1.861
		PPI- 150			1301.2	662.1	607.3	568.0	537.8	502.9	461.4	408.5	374.7	1.031
		PPI- 175			2434.3	1012.4	928.6	868.5	822.3	769.0	705.5	624.7	573.0	4.003
		PPI- 200			5135.2	1753.3	1608.4	1504.2	1424.1	1331.9	1221.8	1081.9	992.4	6.731
	270	PPI- 80	MS	1	189.6	110.5	101.4	94.8	89.8	84.0	77.0	68.2	62.6	0.089
		PPI- 100			288.6	230.7	211.7	198.0	187.4	175.3	160.8	142.4	130.6	0.289
		PPI- 125			655.4	444.9	408.1	381.7	361.3	337.9	310.0	274.5	251.8	1.471
		PPI- 150			1301.2	641.7	588.6	550.5	521.2	487.5	447.2	395.9	363.2	0.815
		PPI- 175			2434.3	982.4	901.2	842.8	798.0	746.3	684.6	606.2	556.1	3.163
		PPI- 200			5135.2	1705.2	1564.2	1462.9	1385.1	1295.4	1188.3	1052.2	965.2	5.318
300	PPI- 80	MS	1	189.6	106.8	98.0	91.7	86.8	81.2	74.5	65.9	60.5	0.072	
	PPI- 100			288.6	224.7	206.1	192.8	182.5	170.7	156.6	138.6	127.2	0.234	
	PPI- 125			655.4	430.3	394.7	369.1	349.5	326.8	299.8	265.5	243.5	1.191	
	PPI- 150			1301.2	623.8	572.2	535.2	506.7	473.9	434.7	384.9	353.1	0.660	
	PPI- 175			2434.3	954.4	875.4	818.8	775.2	725.0	665.0	588.9	540.2	2.562	
	PPI- 200			5135.2	1659.9	1522.7	1424.1	1348.3	1261.0	1156.7	1024.2	939.5	4.308	
330	PPI- 80	MS	1	189.6	103.7	95.1	89.0	84.2	78.8	72.3	64.0	58.7	0.059	
	PPI- 100			288.6	218.3	200.3	187.3	177.3	165.8	152.1	134.7	123.6	0.193	
	PPI- 125			655.4	417.4	382.9	358.1	339.0	317.1	290.9	257.5	236.3	0.984	
	PPI- 150			1301.2	607.7	557.5	521.4	493.6	461.7	423.5	375.0	344.0	0.545	
	PPI- 175			2434.3	930.7	853.7	798.5	756.0	707.0	648.5	574.3	526.8	2.117	
	PPI- 200			5135.2	1618.8	1485.0	1388.8	1314.9	1229.7	1128.1	998.9	916.3	3.560	

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.

PPI 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	90	PPI- 80	MS	1	121.5	113.4	104.1	97.3	92.1	86.2	79.0	70.0	64.2	0.591
		PPI- 100			346.8	196.5	180.2	168.6	159.6	149.3	136.9	121.2	111.2	1.904
		PPI- 125			830.6	401.6	368.4	344.6	326.2	305.1	279.9	247.8	227.3	9.869
		PPI- 150			707.8	650.9	597.1	558.4	528.7	494.5	453.6	401.6	368.4	5.272
		PPI- 175			1542.1	1046.2	959.7	897.6	849.8	794.8	729.0	645.5	592.2	20.998
		PPI- 200			3042.9	1690.8	1551.0	1450.5	1373.3	1284.4	1178.2	1043.3	957.0	33.162
	120	PPI- 80	MS	1	121.5	110.9	101.7	95.1	90.0	84.2	77.3	68.4	62.7	0.332
		PPI- 100			346.8	187.8	172.3	161.2	152.6	142.7	130.9	115.9	106.3	1.071
		PPI- 125			830.6	383.7	351.9	329.1	311.6	291.4	267.3	236.7	217.2	5.552
		PPI- 150			707.8	615.7	564.8	528.2	500.1	467.7	429.0	379.9	348.5	2.966
		PPI- 175			1542.1	991.1	909.1	850.3	805.0	752.9	690.6	611.5	561.0	11.812
		PPI- 200			3042.9	1622.0	1487.9	1391.6	1317.5	1232.2	1130.3	1000.8	918.1	18.653
	150	PPI- 80	MS	1	121.5	105.5	96.8	90.5	85.7	80.1	73.5	65.1	59.7	0.213
		PPI- 100			346.8	178.4	163.7	153.1	144.9	135.6	124.4	110.1	101.0	0.685
		PPI- 125			830.6	366.8	336.4	314.6	297.9	278.6	255.6	226.3	207.6	3.553
		PPI- 150			1292.6	598.5	549.0	513.5	486.1	454.7	417.1	369.3	338.8	1.963
		PPI- 175			1542.1	941.1	863.3	807.4	764.4	714.9	655.8	580.7	532.7	7.559
		PPI- 200			4463.9	2086.9	1914.3	1790.4	1695.1	1585.3	1454.2	1287.7	1181.2	13.057
	180	PPI- 80	MS	1	121.5	100.7	92.3	86.4	81.8	76.5	70.1	62.1	57.0	0.148
		PPI- 100			346.8	170.7	156.6	146.5	138.7	129.7	119.0	105.3	96.6	0.476
		PPI- 125			830.6	351.1	322.1	301.2	285.2	266.7	244.7	216.6	198.7	2.467
		PPI- 150			1292.6	571.3	524.0	490.1	464.0	434.0	398.1	352.5	323.3	1.363
		PPI- 175			1542.1	900.9	826.4	772.9	731.8	684.4	627.8	555.9	509.9	5.250
		PPI- 200			4463.9	2008.5	1842.5	1723.2	1631.4	1525.8	1399.6	1239.3	1136.9	9.068
210	PPI- 80	MS	1	121.5	96.2	88.3	82.6	78.2	73.1	67.1	59.4	54.5	0.109	
	PPI- 100			346.8	164.4	150.8	141.0	133.5	124.9	114.5	101.4	93.0	0.350	
	PPI- 125			655.4	513.8	471.3	440.8	417.3	390.3	358.0	317.0	290.8	1.857	
	PPI- 150			1292.6	549.4	503.9	471.3	446.2	417.3	382.8	339.0	311.0	1.001	
	PPI- 175			1542.1	864.6	793.1	741.8	702.3	656.8	602.5	533.5	489.4	3.857	
	PPI- 200			4463.9	1933.7	1773.9	1659.0	1570.7	1469.0	1347.5	1193.2	1094.5	6.662	
240	PPI- 80	MS	1	121.5	92.6	84.9	79.4	75.2	70.3	64.5	57.1	52.4	0.083	
	PPI- 100			346.8	158.7	145.6	136.2	128.9	120.6	110.6	97.9	89.8	0.268	
	PPI- 125			655.4	492.3	451.6	422.3	399.9	374.0	343.0	303.8	278.6	1.421	
	PPI- 150			1292.6	529.3	485.5	454.1	429.9	402.1	368.8	326.6	299.6	0.767	
	PPI- 175			1542.1	835.2	766.1	716.5	678.4	634.4	582.0	515.3	472.7	2.953	
	PPI- 200			4463.9	1867.0	1712.7	1601.8	1516.5	1418.3	1301.0	1152.0	1056.8	5.101	

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.

PPI 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	270	PPI- 80	MS	1	121.5	89.4	82.0	76.7	72.6	67.9	62.3	55.1	50.6	0.066
		PPI- 100			346.8	153.6	140.9	131.8	124.8	116.7	107.0	94.8	86.9	0.212
		PPI- 125			655.4	474.2	435.0	406.8	385.1	360.2	330.4	292.6	268.4	1.123
		PPI- 150			1292.6	512.8	470.4	439.9	416.5	389.5	357.3	316.4	290.2	0.606
		PPI- 175			1542.1	808.1	741.3	693.3	656.4	613.9	563.1	498.6	457.4	2.333
		PPI- 200			4463.9	1812.4	1662.6	1554.9	1472.2	1376.8	1263.0	1118.3	1025.9	4.030
	300	PPI- 80	MS	1	121.5	86.5	79.3	74.2	70.3	65.7	60.3	53.4	49.0	0.053
		PPI- 100			346.8	149.2	136.9	128.0	121.2	113.4	104.0	92.1	84.5	0.171
		PPI- 125			655.4	458.3	420.4	393.2	372.2	348.1	319.4	282.8	259.4	0.910
		PPI- 150			1292.6	497.4	456.2	426.7	404.0	377.8	346.6	306.9	281.5	0.491
		PPI- 175			1542.1	785.0	720.1	673.4	637.6	596.3	547.0	484.4	444.3	1.890
		PPI- 200			4463.9	1762.7	1617.0	1512.3	1431.8	1339.1	1228.3	1087.7	997.7	3.264
	330	PPI- 80	MS	1	121.5	84.0	77.1	72.1	68.2	63.8	58.6	51.8	47.6	0.044
		PPI- 100			346.8	145.1	133.1	124.5	117.9	110.3	101.1	89.6	82.1	0.142
		PPI- 125			655.4	445.0	408.2	381.8	361.5	338.1	310.1	274.6	251.9	0.752
		PPI- 150			1292.6	484.4	444.4	415.6	393.5	368.0	337.6	298.9	274.2	0.406
		PPI- 175			1542.1	763.7	700.6	655.2	620.4	580.2	532.2	471.3	432.3	1.562
		PPI- 200			4463.9	1714.8	1573.0	1471.1	1392.8	1302.6	1194.9	1058.1	970.6	2.698
10	90	PPI- 80	MS	1	67.0	65.0	64.5	60.3	57.1	53.4	49.0	43.4	39.8	0.458
		PPI- 100			230.9	203.4	186.6	174.5	165.2	154.5	141.8	125.5	115.1	1.514
		PPI- 125			438.1	259.7	238.2	222.8	211.0	197.3	181.0	160.3	147.0	7.722
		PPI- 150			395.6	383.7	383.7	376.1	356.1	333.0	305.5	270.5	248.1	3.990
		PPI- 175			838.9	811.0	743.9	695.7	658.7	616.0	565.1	500.4	459.0	16.384
		PPI- 200			1927.7	1396.6	1281.1	1198.2	1134.4	1061.0	973.2	861.8	790.5	25.756
	120	PPI- 80	MS	1	67.0	66.9	61.4	57.4	54.3	50.8	46.6	41.3	37.9	0.257
		PPI- 100			230.9	194.0	177.9	166.4	157.5	147.3	135.2	119.7	109.8	0.851
		PPI- 125			351.6	341.1	341.1	329.5	312.0	291.8	267.7	237.0	217.4	4.421
		PPI- 150			897.0	422.9	388.0	362.8	343.5	321.3	294.7	261.0	239.4	2.312
		PPI- 175			838.9	762.3	699.2	654.0	619.2	579.1	531.2	470.3	431.5	9.216
		PPI- 200			1927.7	1324.6	1215.0	1136.4	1075.9	1006.2	923.0	817.3	749.7	14.488
	150	PPI- 80	MS	1	67.0	63.3	58.1	54.3	51.4	48.1	44.1	39.1	35.8	0.165
		PPI- 100			230.9	182.4	167.3	156.5	148.1	138.5	127.1	112.5	103.2	0.545
		PPI- 125			351.6	341.1	333.9	312.2	295.6	276.5	253.6	224.6	206.0	2.830
		PPI- 150			897.0	399.7	366.7	342.9	324.7	303.7	278.5	246.6	226.2	1.480
		PPI- 175			838.9	722.4	662.7	619.8	586.8	548.8	503.4	445.7	408.9	5.898
		PPI- 200			1927.7	1254.4	1150.7	1076.2	1018.9	952.9	874.1	774.0	710.0	9.272

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.

PPI 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	PPI- 80	MS	1	67.0	65.0	65.0	64.0	60.6	56.7	52.0	46.0	42.2	0.385
		PPI- 100			144.3	144.1	144.1	134.8	127.6	119.3	109.5	96.9	88.9	1.239
		PPI- 125			291.6	267.1	245.0	229.1	216.9	202.9	186.1	164.8	151.2	6.413
		PPI- 150			492.8	296.3	271.8	254.2	240.7	225.1	206.5	182.9	167.7	3.225
		PPI- 175			468.8	459.6	459.6	459.6	435.2	407.0	373.3	330.6	303.2	13.297
		PPI- 200			1048.6	1017.1	978.3	914.9	866.2	810.2	743.2	658.0	603.6	20.721
	120	PPI- 80	MS	1	67.0	65.0	64.8	60.6	57.4	53.7	49.2	43.6	40.0	0.216
		PPI- 100			144.3	140.0	135.5	126.8	120.0	112.2	103.0	91.2	83.6	0.697
		PPI- 125			438.1	259.2	237.8	222.4	210.5	196.9	180.6	159.9	146.7	3.640
		PPI- 150			492.8	275.6	252.8	236.4	223.9	209.4	192.1	170.1	156.0	1.814
		PPI- 175			468.8	454.8	457.0	427.4	404.7	378.5	347.2	307.4	282.0	7.479
		PPI- 200			1914.9	1027.1	942.2	881.2	834.3	780.3	715.8	633.8	581.4	11.874
	150	PPI- 80	MS	1	67.0	64.8	64.8	60.6	57.3	53.6	49.2	43.6	40.0	0.137
		PPI- 100			230.9	191.3	175.5	164.1	155.4	145.3	133.3	118.0	108.3	0.460
		PPI- 125			438.1	244.7	224.4	209.9	198.7	185.9	170.5	151.0	138.5	2.329
		PPI- 150			492.8	259.5	238.0	222.6	210.7	197.1	180.8	160.1	146.9	1.161
		PPI- 175			468.8	454.8	431.6	403.7	382.2	357.4	327.9	290.3	266.3	4.787
		PPI- 200			1914.9	968.9	888.8	831.2	787.0	736.0	675.2	597.8	548.4	7.599
	180	PPI- 80	MS	1	67.0	63.2	58.0	54.3	51.4	48.0	44.1	39.0	35.8	0.096
		PPI- 100			230.9	181.4	166.4	155.6	147.3	137.8	126.4	111.9	102.7	0.320
		PPI- 125			438.1	232.8	213.5	199.7	189.1	176.8	162.2	143.6	131.8	1.618
		PPI- 150			492.8	246.8	226.4	211.7	200.5	187.5	172.0	152.3	139.7	0.806
		PPI- 175			468.8	447.6	410.6	384.0	363.5	340.0	311.9	276.2	253.3	3.324
		PPI- 200			1914.9	923.1	846.7	791.9	749.8	701.2	643.2	569.6	522.5	5.277
210	PPI- 80	MS	1	67.0	60.4	55.4	51.9	49.1	45.9	42.1	37.3	34.2	0.071	
	PPI- 100			230.9	173.2	158.9	148.6	140.7	131.6	120.7	106.9	98.0	0.235	
	PPI- 125			438.1	222.9	204.5	191.2	181.0	169.3	155.3	137.5	126.2	1.188	
	PPI- 150			492.8	236.3	216.8	202.7	192.0	179.5	164.7	145.8	133.8	0.592	
	PPI- 175			468.8	428.0	392.7	367.2	347.7	325.2	298.3	264.1	242.3	2.442	
	PPI- 200			1914.9	885.2	812.0	759.5	719.0	672.5	616.9	546.2	501.1	3.877	
240	PPI- 80	MS	1	67.0	58.1	53.3	49.8	47.2	44.1	40.5	35.8	32.9	0.054	
	PPI- 100			230.9	166.2	152.4	142.6	135.0	126.2	115.8	102.5	94.1	0.180	
	PPI- 125			438.1	214.6	196.9	184.1	174.3	163.0	149.6	132.4	121.5	0.910	
	PPI- 150			492.8	227.2	208.5	195.0	184.6	172.6	158.4	140.2	128.6	0.453	
	PPI- 175			468.8	411.4	377.4	353.0	334.2	312.5	286.7	253.9	232.9	1.870	
	PPI- 200			1914.9	853.4	782.8	732.1	693.2	648.3	594.7	526.6	483.0	2.968	

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.

PPI 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	270	PPI- 80	MS	1	67.0	56.1	51.4	48.1	45.5	42.6	39.1	34.6	31.7	0.043
		PPI- 100			230.9	160.3	147.1	137.6	130.2	121.8	111.7	98.9	90.8	0.142
		PPI- 125			438.1	207.7	190.5	178.2	168.7	157.8	144.7	128.1	117.6	0.719
		PPI- 150			492.8	219.7	201.5	188.5	178.4	166.9	153.1	135.5	124.3	0.358
		PPI- 175			468.8	397.9	365.0	341.4	323.2	302.3	277.3	245.5	225.2	1.477
		PPI- 200			1914.9	825.0	756.8	707.8	670.1	626.7	574.9	509.1	467.0	2.345
	300	PPI- 80	MS	1	67.0	54.3	49.8	46.5	44.1	41.2	37.8	33.5	30.7	0.035
		PPI- 100			230.9	155.3	142.5	133.2	126.1	118.0	108.2	95.8	87.9	0.115
		PPI- 125			438.1	201.4	184.7	172.7	163.5	153.0	140.3	124.2	114.0	0.582
		PPI- 150			492.8	212.8	195.2	182.5	172.8	161.6	148.3	131.3	120.4	0.290
		PPI- 175			468.8	386.0	354.1	331.1	313.5	293.2	269.0	238.2	218.5	1.197
		PPI- 200			1914.9	800.2	734.0	686.5	650.0	607.9	557.6	493.8	452.9	1.900
	330	PPI- 80	MS	1	67.0	52.7	48.3	45.2	42.8	40.0	36.7	32.5	29.8	0.029
		PPI- 100			230.9	150.9	138.4	129.4	122.5	114.6	105.1	93.1	85.4	0.095
		PPI- 125			438.1	195.7	179.5	167.9	158.9	148.7	136.4	120.7	110.8	0.481
		PPI- 150			492.8	207.0	189.9	177.6	168.2	157.3	144.3	127.8	117.2	0.240
		PPI- 175			468.8	375.4	344.4	322.1	304.9	285.2	261.6	231.6	212.5	0.989
		PPI- 200			1914.9	778.8	714.4	668.2	632.6	591.6	542.7	480.6	440.8	1.570
15	90	PPI- 100	MS	1	79.1	76.7	76.7	76.7	75.5	70.6	64.8	57.4	52.6	0.969
		PPI- 125			182.3	179.7	179.7	179.7	170.1	159.1	145.9	129.2	118.5	5.099
		PPI- 150			328.1	306.0	280.7	262.5	248.5	232.5	213.2	188.8	173.2	2.562
		PPI- 175			584.1	364.8	334.6	313.0	296.3	277.1	254.2	225.1	206.5	10.519
		PPI- 200			586.0	578.9	578.9	578.9	578.9	541.4	496.6	439.7	403.4	16.085
		PPI- 100			79.1	76.7	76.7	74.5	70.6	66.0	60.6	53.6	49.2	0.545
	120	PPI- 125	MS	1	182.3	178.6	178.6	167.0	158.1	147.9	135.7	120.1	110.2	2.868
		PPI- 150			328.1	282.4	259.1	242.3	229.4	214.5	196.8	174.3	159.9	1.441
		PPI- 175			584.1	338.3	310.3	290.2	274.8	257.0	235.7	208.7	191.5	5.917
		PPI- 200			586.0	568.5	568.5	568.5	538.2	503.4	461.8	408.9	375.1	9.048
		PPI- 100			79.1	76.7	74.6	69.8	66.1	61.8	56.7	50.2	46.0	0.349
		PPI- 125			182.3	176.8	167.4	156.6	148.2	138.6	127.2	112.6	103.3	1.836
	150	PPI- 150	MS	1	328.1	265.6	243.7	227.9	215.8	201.8	185.1	163.9	150.3	0.922
		PPI- 175			584.1	317.5	291.2	272.4	257.9	241.2	221.2	195.9	179.7	3.787
		PPI- 200			586.0	571.2	571.2	534.2	505.8	473.0	433.9	384.2	352.5	5.791
		PPI- 100			79.1	77.1	70.7	66.2	62.6	58.6	53.7	47.6	43.7	0.242
		PPI- 125			182.3	173.6	159.2	148.9	141.0	131.9	121.0	107.1	98.3	1.275
		PPI- 150			328.1	252.1	231.2	216.3	204.7	191.5	175.7	155.5	142.7	0.640

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.

PPI 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	180	PPI-175	MS	1	584.1	301.1	276.2	258.3	244.5	228.7	209.8	185.8	170.4	2.630
		PPI-200			586.0	568.5	543.5	508.3	481.2	450.1	412.9	365.6	335.4	4.021
	210	PPI-100	MS	1	79.1	73.7	67.6	63.2	59.9	56.0	51.4	45.5	41.7	0.178
		PPI-125			182.3	165.9	152.2	142.3	134.7	126.0	115.6	102.3	93.9	0.937
		PPI-150			328.1	241.3	221.3	207.0	196.0	183.3	168.1	148.9	136.6	0.471
		PPI-175			584.1	288.0	264.2	247.1	233.9	218.8	200.7	177.7	163.0	1.932
		PPI-200			586.0	566.8	519.9	486.2	460.4	430.6	395.0	349.7	320.8	2.954
	240	PPI-100	MS	1	79.1	70.8	65.0	60.8	57.5	53.8	49.4	43.7	40.1	0.136
		PPI-125			182.3	159.9	146.7	137.2	129.9	121.5	111.4	98.7	90.5	0.717
		PPI-150			328.1	232.0	212.8	199.0	188.4	176.2	161.6	143.1	131.3	0.360
		PPI-175			584.1	276.9	254.0	237.6	224.9	210.4	193.0	170.9	156.7	1.479
		PPI-200			586.0	545.2	500.1	467.7	442.8	414.1	379.9	336.4	308.6	2.262
	270	PPI-100	MS	1	79.1	68.4	62.7	58.7	55.5	51.9	47.6	42.2	38.7	0.108
		PPI-125			182.3	154.5	141.7	132.5	125.5	117.4	107.7	95.3	87.4	0.567
		PPI-150			328.1	224.0	205.5	192.2	181.9	170.2	156.1	138.2	126.8	0.285
		PPI-175			584.1	267.7	245.6	229.7	217.4	203.4	186.5	165.2	151.5	1.169
		PPI-200			586.0	527.1	483.5	452.2	428.2	400.4	367.3	325.3	298.4	1.787
	300	PPI-100	MS	1	79.1	66.2	60.8	56.8	53.8	50.3	46.2	40.9	37.5	0.087
		PPI-125			182.3	149.6	137.3	128.4	121.5	113.7	104.3	92.3	84.7	0.459
		PPI-150			328.1	217.3	199.3	186.4	176.5	165.1	151.4	134.1	123.0	0.231
		PPI-175			584.1	259.5	238.1	222.7	210.8	197.2	180.8	160.1	146.9	0.947
		PPI-200			586.0	510.9	468.7	438.3	415.0	388.1	356.0	315.3	289.2	1.448
	330	PPI-100	MS	1	79.1	64.4	59.1	55.2	52.3	48.9	44.9	39.7	36.4	0.072
		PPI-125			182.3	145.4	133.4	124.8	118.1	110.5	101.4	89.7	82.3	0.379
PPI-150		328.1			211.2	193.7	181.2	171.5	160.4	147.2	130.3	119.5	0.191	
PPI-175		584.1			252.1	231.3	216.3	204.8	191.5	175.7	155.6	142.7	0.782	
PPI-200		586.0			496.7	455.6	426.1	403.4	377.3	346.1	306.5	281.1	1.196	
16	90	PPI-100	MS	1	79.1	76.7	76.7	76.7	77.4	72.3	66.4	58.8	53.9	0.910
		PPI-125			182.3	176.8	176.8	176.8	173.6	162.4	149.0	131.9	121.0	4.787
		PPI-150			205.1	198.9	198.9	195.1	184.7	172.7	158.4	140.3	128.7	2.335
		PPI-175			388.9	358.3	328.7	307.4	291.1	272.2	249.7	221.1	202.8	9.784
		PPI-200			586.0	568.5	568.5	568.5	568.5	550.5	504.9	447.1	410.1	15.141
	120	PPI-100	MS	1	79.1	76.7	76.7	75.6	71.6	67.0	61.4	54.4	49.9	0.512
		PPI-125			182.3	176.8	181.8	170.0	161.0	150.5	138.1	122.3	112.2	2.693
		PPI-150			205.1	198.9	192.7	180.3	170.7	159.6	146.4	129.6	118.9	1.314
		PPI-175			584.1	344.2	315.8	295.3	279.6	261.5	239.9	212.4	194.8	5.561

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	120	PPI-200	MS	1	586.0	580.0	580.0	580.0	549.1	513.6	471.1	417.1	382.7	8.517
	150	PPI-100	MS	1	79.1	76.7	75.9	71.0	67.2	62.8	57.6	51.0	46.8	0.328
		PPI-125			182.3	176.8	170.4	159.4	150.9	141.1	129.5	114.6	105.2	1.723
		PPI-150			205.1	196.8	180.5	168.9	159.9	149.5	137.2	121.4	111.4	0.841
		PPI-175			584.1	323.1	296.4	277.2	262.5	245.5	225.2	199.4	182.9	3.559
		PPI-200			586.0	581.6	581.6	543.9	515.0	481.6	441.8	391.2	358.9	5.451
	180	PPI-100	MS	1	79.1	78.5	72.0	67.3	63.7	59.6	54.7	48.4	44.4	0.228
		PPI-125			182.3	176.5	161.9	151.4	143.4	134.1	123.0	108.9	99.9	1.197
		PPI-150			205.1	186.7	171.2	160.2	151.6	141.8	130.1	115.2	105.7	0.584
		PPI-175			584.1	306.5	281.1	262.9	248.9	232.8	213.6	189.1	173.5	2.471
		PPI-200			586.0	568.5	552.3	516.5	489.1	457.4	419.6	371.5	340.8	3.785
	210	PPI-100	MS	1	79.1	74.9	68.7	64.3	60.8	56.9	52.2	46.2	42.4	0.167
		PPI-125			182.3	169.0	155.0	145.0	137.3	128.4	117.8	104.3	95.7	0.879
		PPI-150			205.1	178.6	163.9	153.3	145.1	135.7	124.5	110.2	101.1	0.429
		PPI-175			584.1	292.9	268.7	251.3	237.9	222.5	204.1	180.7	165.8	1.816
		PPI-200			586.0	576.6	528.9	494.6	468.3	438.0	401.8	355.8	326.3	2.781
	240	PPI-100	MS	1	79.1	72.0	66.0	61.8	58.5	54.7	50.2	44.4	40.8	0.128
		PPI-125			182.3	162.5	149.1	139.4	132.0	123.4	113.2	100.3	92.0	0.673
		PPI-150			205.1	171.7	157.5	147.3	139.5	130.4	119.7	105.9	97.2	0.328
		PPI-175			584.1	281.4	258.2	241.5	228.6	213.8	196.1	173.7	159.3	1.390
		PPI-200			586.0	554.7	508.8	475.9	450.6	421.4	386.5	342.3	314.0	2.129
	270	PPI-100	MS	1	79.1	69.5	63.8	59.7	56.5	52.8	48.5	42.9	39.4	0.101
		PPI-125			182.3	157.0	144.1	134.7	127.6	119.3	109.4	96.9	88.9	0.532
		PPI-150			205.1	165.8	152.1	142.2	134.7	125.9	115.5	102.3	93.8	0.259
		PPI-175			584.1	272.1	249.6	233.5	221.0	206.7	189.6	167.9	154.0	1.098
		PPI-200			586.0	536.5	492.1	460.2	435.7	407.5	373.8	331.0	303.6	1.682
	300	PPI-100	MS	1	79.1	67.3	61.8	57.8	54.7	51.2	46.9	41.6	38.1	0.082
		PPI-125			182.3	152.1	139.5	130.5	123.5	115.5	106.0	93.9	86.1	0.431
PPI-150		205.1			160.8	147.5	137.9	130.6	122.1	112.0	99.2	91.0	0.210	
PPI-175		584.1			263.9	242.1	226.4	214.4	200.5	183.9	162.9	149.4	0.890	
PPI-200		586.0			519.7	476.7	445.8	422.1	394.8	362.1	320.7	294.1	1.363	
330	PPI-100	MS	1	79.1	65.5	60.0	56.2	53.2	49.7	45.6	40.4	37.0	0.068	
	PPI-125			182.3	147.9	135.7	126.9	120.1	112.3	103.1	91.3	83.7	0.356	
	PPI-150			205.1	156.4	143.4	134.2	127.0	118.8	109.0	96.5	88.5	0.174	
	PPI-175			584.1	256.5	235.3	220.0	208.3	194.8	178.7	158.3	145.2	0.735	
	PPI-200			586.0	505.6	463.8	433.8	410.7	384.1	352.4	312.0	286.2	1.126	

Notes

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