

8-4 Parallel Type ●Torque transmission capacity table

- 1.The static-rated output torque (T_s) is the amount of torque allowable on the output shaft. This value is obtained by calculating the static-rated load for roller bearings according to ISO standard 76, and from the geometrical guidelines for the cam and turret of the indexing drive.
- 2.The dynamic-rated output torque (T_{op}) is the amount of continuous output torque allowable on the output shaft of an indexing drive with a rated life of 12,000 hours. This value is obtained by calculating the dynamic-rated load and rated life of the roller bearings according ISO standard 281/1, and from the geometrical guidelines for the cam and turret of the indexing drive.
- 3.The internal inertia load torque (T_{oi}) is the inertia load of the turret and output shaft when the input shaft is rotating at speed N . When selecting models, calculate the life of the indexing drive by adding the internal inertia load torque (T_{oi}) to the inertia torque (T_i).
- 4.The cam shaft frictional torque (T_x) is the peak frictional torque of the cam shaft (input shaft) without any loads.
- 5.The output torque transmission capacity table was calculated based on an indexing drive that has been mounted and lubricated according to specifications, and is being used under normal operating conditions. The transmission capacity and life may decline if:the drive is not mounted properly,-the lubrication is not circulating properly, -maintenance is being neglected.



8-4-1 Indexing drives Reading The Torque Transmission Capacity Table

(1) Reading the torque transmission capacity table for indexing drives

The torque transmission capacity table gives the values for internal inertia load torque T_{oi} and dynamic-rated output torque T_{op} . This table was calculated based on an indexing drive that has been mounted and lubricated according to specifications and is being operated under normal conditions. Adverse operating conditions and poor maintenance can effect the transmission capacities and life of the indexing drive.

Note, when selecting models, it is important that the torque transmission capacity table be read correctly in order to make the proper selection. Always make sure to read and understand the following explanations carefully.

Selection data

- Number of stops (S) 1
- Index period () 270deg
- Cam curve MCV50 (Cam curve code 3)
- Input shaft speed 50rpm

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque T_s (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque T_{oi} (N·m)						Cam shaft Frictional Torque T_x (N·m)	Output Inertia J_o (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Input Shaft Speed (Index/min)								
					50	75	100	150	200	300			
1	270	MCV50	P040 0127 3	12.0	4.3 0.1	3.8 0.1	3.5 0.1	3.1 0.1	2.8 0.1	2.5 0.2	0.7	0.0001	10
			P050 0127 3	36.0	13.3 0.1	11.7 0.1	10.8 0.1	9.5 0.2	8.7 0.3	7.7 0.5	1.3	0.0002	14
			P065 0127 3	76.6	30.7 0.1	27.2 0.1	24.9 0.2	22.0 0.4	20.2 0.7	17.9 1.5	2.5	0.0006	16
					61.5 0.3	54.5 0.3	50.0 0.4	44.3 0.9	40.6 1.6	35.9 3.5	4.0	0.0015	22

When making sudden starts and stops

Select model where starting and stopping torque T_d is less than the static-rated output torque T_s .

When selecting gear reducers and motors

First, you must obtain cam shaft torque T_c . To obtain T_c , you will need the value for cam shaft frictional torque T_x .

For other cams

Please consult Sankyo.

Selection of models

Compare the necessary torque T_t with the dynamic rated output torque T_{op} and select a model so that T_t is less than ($T_{op}-T_{oi}$). For details, refer to Section 3. Model Selection. pages A121 to A133

8-4-2 Torque transmission capacity table Indexing Drive (Parallel type)

(1) Contents of torque transmission capacity table for the P type indexing drive

- 1dwell (1, 2, 3, 4stop), Sizes P40 ~ P400 B 477 ~ B 489
- 2dwell (6, 8stop), Sizes P40 ~ P400 B 489 ~ B 493

Precautions

Notes: All entries are listed in ascending order by the number of stops, index period, cam curve code, and size.

- Cam curve MS (cam curve code 2)
- MCV50 (cam curve code 3)
- MCV25 (cam curve code 5)

1, 2dwell P40 ~ 400

P40 ~ 400

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque T_s (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque T_{oi} (N·m)						Cam shaft Frictional Torque T_x (N·m)	Output Inertia J_o (kg·m ²)	Sankyo Cam Follower SCF (mm)			
					Input Shaft Speed (Index/min)											
					50	75	100	150	200	300						
1	270	MCV50	P040 0127 3	12.0	4.3 0.1	3.8 0.1	3.5 0.1	3.1 0.1	2.8 0.1	2.5 0.2	0.7	0.0001	10			
			P050 0127 3	36.0	13.3 0.1	11.7 0.1	10.8 0.1	9.5 0.2	8.7 0.3	7.7 0.5	1.3	0.0002	14			
			P065 0127 3	76.6	30.7 0.1	27.2 0.1	24.9 0.2	22.0 0.4	20.2 0.7	17.9 1.5	2.5	0.0006	16			
			P080 0127 3	147.7	61.5 0.1	54.5 0.3	50.0 0.4	44.3 0.9	40.6 1.6	35.9 3.5	4.0	0.0015	22			
			P100 0127 3	254.0	103.8 0.3	91.9 0.7	84.3 1.2	74.6 2.6	68.4 4.5	60.6 10.1	5.9	0.0045	26			
			P125 0127 3	381.9	174.5 0.9	154.5 2.0	141.7 3.6	125.5 8.0	115.1 14.2	101.9 31.9	8.1	0.0143	35			
			P150 0127 3	572.2	257.4 2.0	227.9 4.5	209.0 7.9	185.1 17.7	169.8 31.4	150.3 70.6	11.9	0.0315	40			
			P175 0127 3	897.3	405.8 4.1	359.4 9.1	329.6 16.2	291.9 36.3	267.7 64.5		16.6	0.0648	47			
			P200 0127 3	1656.8	688.3 7.1	609.4 16.0	559.0 28.4	495.0 63.8	454.1 113.5		26.9	0.1140	60			
			P250 0127 3	3326.8	1382.1 19.1	1223.8 42.9	1122.6 76.2	994.0 171.4	911.8 304.7		43.6	0.3063	80			
			P320 0127 3	5992.9	2489.7 59.3	2204.6 133.4	2022.3 237.2	1790.7 533.6			86.3	0.9535	100			
			P400 0127 3	12371.5	4551.1 121.7	4029.8 273.7	3696.6 486.5	3273.2 1094.5			163.5	1.9560	120			
			1	300	MS	P040 0130 2	10.6	3.7 0.1	3.3 0.1	3.0 0.1	2.6 0.1	2.4 0.1	2.1 0.1	0.8	0.0001	10
						P050 0130 2	31.9	11.4 0.1	10.1 0.1	9.2 0.1	8.2 0.1	7.5 0.2	6.6 0.3	1.5	0.0002	14
P065 0130 2	69.1	26.8 0.1				23.7 0.1	21.7 0.1	19.2 0.2	17.6 0.4	15.6 0.8	2.9	0.0006	16			
P080 0130 2	133.0	53.7 0.1				47.5 0.2	43.6 0.3	38.6 0.5	35.4 0.9	31.3 1.9	4.5	0.0015	22			
P100 0130 2	228.6	90.5 0.2				80.1 0.4	73.5 0.7	65.1 1.4	59.7 2.5	52.8 5.5	6.7	0.0044	26			
MCV50	P040 0130 3	12.7			4.4 0.1	3.9 0.1	3.6 0.1	3.2 0.1	2.9 0.1	2.6 0.2	0.7	0.0001	10			
	P050 0130 3	38.1			13.6 0.1	12.0 0.1	11.0 0.1	9.8 0.1	8.9 0.2	7.9 0.4	1.2	0.0002	14			
	P065 0130 3	80.8			31.4 0.1	27.8 0.1	25.5 0.2	22.5 0.3	20.7 0.6	18.3 1.2	2.4	0.0007	16			

P40 ~ 400

1、2stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque						Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)		
					Internal Inertia Load Torque									Top (N·m)	
					Input Shaft Speed (Index/min)									Toi (N·m)	
50	75	100	150	200	300										
1	300	MCV 50	P080 0130 3	158.3	63.9 0.1	56.6 0.2	51.9 0.4	45.9 0.8	42.1 1.3	37.3 2.9	3.7	0.0016	22		
			P100 0130 3	254.0	100.5 0.3	89.0 0.6	81.6 1.0	72.3 2.1	66.3 3.7	58.7 8.2	5.6	0.0045	26		
			P125 0130 3	399.2	176.7 0.8	156.5 1.7	143.5 3.0	127.1 6.6	116.6 11.7	103.2 26.3	7.6	0.0145	35		
			P150 0130 3	604.6	263.5 1.7	233.3 3.7	214.0 6.5	189.5 14.7	173.8 26.0	153.9 58.5	11.3	0.0323	40		
			P175 0130 3	956.1	419.0 3.4	371.0 7.6	340.3 13.4	301.3 30.1	276.4 53.4	244.8 120.2	15.7	0.0663	47		
			P200 0130 3	1702.8	685.4 5.9	606.9 13.1	556.7 23.3	492.9 52.4	452.2 93.1		25.5	0.1155	60		
			P250 0130 3	3497.9	1407.9 15.9	1246.7 35.7	1143.6 63.5	1012.6 142.8	928.9 253.9		41.5	0.3150	80		
			P320 0130 3	6253.5	2517.2 49.2	2228.9 110.6	2044.6 196.7	1810.4 442.4	1660.7 786.5		82.4	0.9760	100		
			P400 0130 3	13255.2	4724.4 116.5	4183.3 262.1	3837.4 465.9	3397.9 1048.3			156.1	2.3128	120		
	330	MS	P040 0133 2	10.6	3.6 0.1	3.2 0.1	2.9 0.1	2.6 0.1	2.4 0.1	2.1 0.1	0.8	0.0001	10		
			P050 0133 2	31.9	11.0 0.1	9.8 0.1	9.0 0.1	7.9 0.1	7.3 0.1	6.4 0.3	1.4	0.0002	14		
			P065 0133 2	69.1	26.0 0.1	23.0 0.1	21.1 0.1	18.7 0.2	17.1 0.3	15.2 0.7	2.7	0.0006	16		
			P080 0133 2	133.0	52.2 0.1	46.2 0.1	42.4 0.2	37.5 0.4	34.4 0.7	30.4 1.6	4.3	0.0015	22		
			P100 0133 2	228.6	87.9 0.2	77.8 0.3	71.4 0.6	63.2 1.2	58.0 2.1	51.3 4.6	6.3	0.0044	26		
		MCV 50	P040 0133 3	12.7	4.3 0.1	3.8 0.1	3.5 0.1	3.1 0.1	2.8 0.1	2.5 0.1	0.6	0.0001	10		
			P050 0133 3	38.1	13.2 0.1	11.7 0.1	10.7 0.1	9.5 0.1	8.7 0.2	7.7 0.4	1.1	0.0002	14		
			P065 0133 3	80.8	30.5 0.1	27.0 0.1	24.7 0.2	21.9 0.3	20.1 0.5	17.8 1.0	2.3	0.0007	16		
			P080 0133 3	158.3	62.1 0.1	55.0 0.2	50.4 0.3	44.6 0.6	40.9 1.1	36.3 2.4	3.5	0.0016	22		
P100 0133 3	290.3	111.7 0.2	98.9 0.5	90.7 0.8	80.3 1.8	73.7 3.2	65.2 7.1	5.2	0.0047	26					
MCV 25	P125 0133 5	399.2	171.7 0.5	152.1 1.1	139.5 1.9	123.5 4.2	113.3 7.5	100.3 16.8	7.8	0.0145	35				
	P150 0133 5	593.8	251.5 1.1	222.7 2.4	204.2 4.2	180.8 9.3	165.9 16.5	146.9 37.1	11.6	0.0320	40				
	P175 0133 5	919.4	391.5 2.1	346.7 4.8	318.0 8.4	281.6 18.9	258.3 33.6	228.7 75.6	16.1	0.0653	47				
	P200 0133 5	1702.8	666.1 3.8	589.8 8.4	541.0 14.9	479.0 33.5	439.4 59.5	389.1 133.8	26.1	0.1155	60				
	P250 0133 5	3497.9	1368.3 10.2	1211.5 22.8	1111.4 40.6	984.1 91.2	902.7 162.2	799.3 364.8	42.3	0.3150	80				
	P320 0133 5	6149.3	2405.4 31.2	2129.9 70.0	1953.8 124.5	1730.0 280.0	1587.0 497.7		84.1	0.9670	100				
P400 0133 5	13078.4	4530.0 73.8	4011.2 165.9	3679.5 294.9	3258.1 663.5	2988.7 1179.5		159.1	2.2920	120					
2	150	MCV 50	P040 0215 3	12.0	3.8 0.1	3.4 0.1	3.1 0.1	2.8 0.1	2.5 0.2	2.2 0.3	0.7	0.0001	10		
			P050 0215 3	36.0	13.5 0.1	11.9 0.1	10.9 0.1	9.7 0.2	8.9 0.4	7.9 0.8	1.2	0.0002	14		
			P065 0215 3	80.8	33.4 0.1	29.5 0.2	27.1 0.3	24.0 0.6	22.0 1.1	19.5 2.4	2.4	0.0007	16		
			P080 0215 3	147.7	59.6 0.2	52.8 0.4	48.4 0.7	42.8 1.4	39.3 2.5	34.8 5.6	3.7	0.0015	22		

P40 ~ 400

2stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque						Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)		
					Internal Inertia Load Torque									Top (N·m)	
					Input Shaft Speed (Index/min)									Toi (N·m)	
50	75	100	150	200	300										
2	150	MCV 50	P100 0215 3	254.0	102.5 0.5	90.8 1.1	83.2 1.9	73.7 4.1	67.6 7.3	59.9 16.4	5.6	0.0045	26		
			P125 0215 3	381.9	156.5 1.5	138.6 3.3	127.1 5.8	112.6 13.0	103.3 23.0		7.7	0.0143	35		
			P150 0215 3	572.2	230.5 3.2	204.1 7.2	187.2 12.7	165.8 28.6	152.0 50.8		11.3	0.0315	40		
			P175 0215 3	897.3	371.2 6.6	328.7 14.7	301.5 26.1	267.0 58.7	244.9 104.4		15.8	0.0648	47		
			P200 0215 3	1208.9	482.1 11.0	426.9 24.7	391.6 43.9	346.7 98.6			24.7	0.1088	52		
			P250 0215 3	2560.9	1061.3 29.3	939.8 65.8	862.1 116.9	763.3 262.9			40.0	0.2900	70		
			P320 0215 3	5450.0	2243.7 96.4	1986.7 216.9	1822.4 385.5				82.6	0.9568	90		
			P400 0215 3	7295.8	3003.6 176.3	2659.5 396.6	2439.6 705.0				144.4	1.7498	100		
			180	MS	P040 0218 2	12.0	3.6 0.1	3.2 0.1	2.9 0.1	2.6 0.1	2.4 0.1	2.1 0.2	0.7	0.0001	10
	P050 0218 2	36.0			12.8 0.1	11.3 0.1	10.3 0.1	9.2 0.1	8.4 0.2	7.4 0.4	1.3	0.0002	14		
	P065 0218 2	76.6			29.2 0.1	25.9 0.1	23.7 0.2	21.0 0.3	19.3 0.5	17.1 1.2	2.6	0.0006	16		
	P080 0218 2	147.7			56.4 0.1	50.0 0.2	45.8 0.3	40.6 0.7	37.2 1.2	32.9 2.7	4.0	0.0015	22		
	P100 0218 2	254.0			95.9 0.3	84.9 0.5	77.9 0.9	68.9 2.0	63.2 3.5	56.0 7.9	6.0	0.0045	26		
	P125 0218 2	381.9			148.2 0.7	131.2 1.6	120.4 2.8	106.6 6.2	97.8 11.1	86.6 24.8	8.2	0.0143	35		
	P150 0218 2	572.2			218.2 1.6	193.2 3.5	177.2 6.1	156.9 13.7	144.0 24.4	127.5 54.8	12.1	0.0315	40		
	P175 0218 2	897.3			351.4 3.2	311.2 7.1	285.4 12.6	252.7 28.2	231.8 50.1		16.8	0.0648	47		
	P200 0218 2	1208.9			456.5 5.3	404.2 11.9	370.8 21.1	328.3 47.3	301.1 84.1		26.4	0.1088	52		
	P250 0218 2	2560.9	1004.8 14.1	889.7 31.6	816.2 56.1	722.7 126.1	662.9 224.1		42.3	0.2900	70				
P320 0218 2	5450.0	2124.2 46.2	1880.9 104.0	1725.4 184.9	1527.8 415.9			87.1	0.9568	90					
P400 0218 2	7295.8	2608.6 84.5	2309.8 190.2	2118.8 338.0	1876.1 760.5			151.8	1.7498	100					
MCV 50	P040 0218 3	23.0	7.7 0.1	6.8 0.1	6.2 0.1	5.5 0.1	5.1 0.1	4.5 0.2	0.6	0.0001	12				
	P050 0218 3	41.2	15.5 0.1	13.7 0.1	12.6 0.1	11.1 0.2	10.2 0.3	9.0 0.6	1.1	0.0002	14				
	P065 0218 3	107.9	45.0 0.1	39.9 0.2	36.6 0.2	32.4 0.5	29.7 0.8	26.3 1.8	2.2	0.0007	19				
	P080 0218 3	168.8	68.6 0.2	60.7 0.3	55.7 0.5	49.3 1.1	45.2 1.9	40.0 4.1	3.4	0.0016	22				
	P100 0218 3	334.8	147.1 0.4	130.2 0.9	119.5 1.5	105.8 3.3	97.0 5.9	85.9 13.1	5.1	0.0052	32				
	P125 0218 3	539.9	239.1 1.2	211.8 2.6	194.2 4.6	172.0 10.2	157.8 18.2	139.7 40.8	7.1	0.0162	40				
	P150 0218 3	882.6	391.0 2.7	346.2 6.0	317.6 10.6	281.2 23.8	258.0 42.3	228.4 95.1	10.7	0.0378	47				
	P175 0218 3	1208.9	522.9 5.2	463.0 11.6	424.7 20.5	376.1 46.2	345.0 82.0		14.7	0.0733	52				
	P200 0218 3	1840.9	802.4 9.1	710.5 20.5	651.7 36.4	577.1 81.9	529.4 145.5		23.4	0.1300	60				
P250 0218 3	3802.0	1632.2 26.0	1445.2 58.4	1325.7 103.8	1173.9 233.6	1076.8 415.2		38.2	0.3710	80					

P40 ~ 400

2stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque						Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)		
					Top (N·m) Toi (N·m)										
					Input Shaft Speed (Index/min) 50 75 100 150 200 300										
2	180	MCV 50	P320 0218 3	6670.4	2863.6 90.6	2535.6 203.8	2325.9 362.2	2059.5 814.9		76.4	1.2945	100			
			P400 0218 3	14138.8	4930.2 212.2	4365.5 477.4	4004.6 848.8		145.9	3.0335	120				
	210	MS	P040 0221 2	12.7	3.8 0.1	3.3 0.1	3.0 0.1	2.7 0.1	2.5 0.1	2.2 0.1	0.6	0.0001	10		
			P050 0221 2	38.1	13.2 0.1	11.7 0.1	10.7 0.1	9.5 0.1	8.7 0.2	7.7 0.3	1.2	0.0002	14		
			P065 0221 2	80.8	30.2 0.1	26.7 0.1	24.5 0.1	21.7 0.3	19.9 0.4	17.6 0.9	2.4	0.0007	16		
			P080 0221 2	158.3	59.5 0.1	52.7 0.2	48.3 0.3	42.8 0.6	39.2 0.9	34.7 2.1	3.7	0.0016	22		
			P100 0221 2	254.0	91.5 0.2	81.0 0.4	74.3 0.7	65.8 1.5	60.4 2.6	53.5 5.8	5.5	0.0045	26		
			P125 0221 2	399.2	150.8 0.6	133.5 1.2	122.5 2.1	108.5 4.7	99.5 8.3	88.1 18.6	7.6	0.0145	35		
			P150 0221 2	572.2	208.4 1.2	184.5 2.6	169.2 4.5	149.8 10.1	137.4 17.9	121.7 40.3	11.2	0.0315	40		
			P175 0221 2	897.3	335.6 2.3	297.1 5.2	272.5 9.2	241.3 20.7	221.4 36.8	196.0 82.7	15.7	0.0648	47		
			P200 0221 2	1208.9	435.8 3.9	385.9 8.7	354.0 15.5	313.4 34.8	287.5 61.8		24.5	0.1088	52		
			P250 0221 2	2560.9	959.4 10.3	849.5 23.2	779.3 41.2	690.0 92.6	633.0 164.7		39.7	0.2900	70		
			P320 0221 2	5450.0	2028.2 34.0	1795.9 76.4	1647.4 135.8	1458.7 305.5	1338.1 543.1		82.0	0.9568	90		
			P400 0221 2	7295.8	2490.7 62.1	2205.4 139.7	2023.0 248.4	1791.3 558.7			143.5	1.7498	100		
			210	MCV 50	P040 0221 3	25.9	8.8 0.1	7.8 0.1	7.1 0.1	6.3 0.1	5.8 0.1	5.1 0.3	0.6	0.0001	12
					P050 0221 3	46.3	17.7 0.1	15.7 0.1	14.4 0.1	12.8 0.2	11.7 0.3	10.3 0.6	1.0	0.0003	14
					P065 0221 3	107.9	53.6 0.1	47.5 0.2	43.5 0.3	38.6 0.5	35.4 0.9	31.3 2.0	2.0	0.0010	19
					P080 0221 3	184.7	75.1 0.2	66.5 0.4	61.0 0.6	54.0 1.3	49.5 2.2	43.8 5.0	3.1	0.0027	22
					P100 0221 3	334.8	140.4 0.3	124.3 0.7	114.1 1.1	101.0 2.5	92.6 4.3	82.0 9.7	4.7	0.0052	32
					P125 0221 3	539.9	228.3 0.9	202.2 1.9	185.5 3.4	164.2 7.5	150.6 13.4	133.4 30.0	6.7	0.0162	40
P150 0221 3	882.6	373.3 2.0			330.6 4.4	303.2 7.8	268.5 17.5	246.3 31.1	218.1 69.9	10.1	0.0378	47			
P175 0221 3	1208.9	499.3 3.8			442.1 8.5	405.5 15.1	359.1 33.9	329.4 60.3	291.7 135.6	13.8	0.0733	52			
P200 0221 3	1840.9	766.1 6.7			678.4 15.1	622.3 26.8	551.0 60.2	505.4 106.9		22.0	0.1300	60			
P250 0221 3	3802.0	1558.4 19.1			1379.9 42.9	1265.8 76.3	1120.8 171.6	1028.2 305.1		36.3	0.3710	80			
P320 0221 3	6670.4	2734.2 66.6			2421.0 149.7	2220.8 266.1	1966.5 598.7			72.7	1.2945	100			
P400 0221 3	14138.8	4707.4 155.9			4168.2 350.8	3823.6 623.6	3385.7 1403.0			139.9	3.0335	120			
240	MS	P040 0224 2	23.0	7.0 0.1	6.2 0.1	5.7 0.1	5.1 0.1	4.6 0.1	4.1 0.1	0.6	0.0001	12			
		P050 0224 2	41.2	14.2 0.1	12.6 0.1	11.5 0.1	10.2 0.1	9.4 0.1	8.3 0.3	1.1	0.0002	14			
		P065 0224 2	107.9	41.3 0.1	36.6 0.1	33.5 0.1	29.7 0.2	27.2 0.4	24.1 0.7	2.2	0.0007	19			
		P080 0224 2	168.8	62.9 0.1	55.7 0.1	51.1 0.2	45.2 0.4	41.5 0.7	36.7 1.6	3.4	0.0016	22			

P40 ~ 400

2stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque						Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Top (N·m) Toi (N·m)								
					Input Shaft Speed (Index/min) 50 75 100 150 200 300								
2	240	MS	P100 0224 2	334.8	134.9 0.2	119.5 0.4	109.6 0.6	97.0 1.3	89.0 2.3	78.8 5.1	5.2	0.0052	32
			P125 0224 2	539.9	219.4 0.5	194.2 1.0	178.2 1.8	157.8 4.0	144.7 7.1	128.1 15.9	7.2	0.0162	40
			P150 0224 2	882.6	358.7 1.1	317.6 2.4	291.3 4.2	258.0 9.3	236.6 16.5	209.5 37.0	10.9	0.0378	47
			P175 0224 2	1208.9	479.7 2.0	424.7 4.5	389.6 8.0	345.0 18.0	316.5 31.9	280.2 71.7	14.9	0.0733	52
			P200 0224 2	1840.9	736.0 3.0	651.7 6.7	597.8 11.9	529.4 26.6	485.6 47.3	430.0 106.4	23.7	0.1088	60
			P250 0224 2	3802.0	1497.2 10.1	1325.7 22.7	1216.1 40.4	1076.8 90.7	987.8 161.3	874.6 362.8	38.6	0.3710	80
			P320 0224 2	6670.4	2626.8 35.2	2325.9 79.2	2133.6 140.7	1889.2 316.5	1733.0 562.6		77.2	1.2945	100
			P400 0224 2	14138.8	5567.9 82.4	4930.2 185.4	4522.6 329.6	4004.6 741.6	3673.4 1318.4		147.3	3.0335	120
	240	MCV 50	P040 0224 3	25.9	8.5 0.1	7.5 0.1	6.9 0.1	6.1 0.1	5.6 0.1	4.9 0.2	0.5	0.0001	12
			P050 0224 3	46.3	17.1 0.1	15.1 0.1	13.8 0.1	12.2 0.2	11.2 0.2	9.9 0.5	0.9	0.0003	14
			P065 0224 3	107.9	51.5 0.1	45.6 0.1	41.8 0.2	37.0 0.4	34.0 0.7	30.1 1.5	1.9	0.0010	19
			P080 0224 3	195.2	78.7 0.2	69.7 0.3	63.9 0.5	56.6 1.0	51.9 1.7	46.0 3.9	2.9	0.0027	22
			P100 0224 3	376.6	161.7 0.4	143.1 0.8	131.3 1.4	116.3 3.2	106.6 5.7	94.4 12.7	4.4	0.0089	32
			P125 0224 3	604.6	261.0 1.0	231.1 2.2	212.0 3.9	187.7 8.8	172.2 15.6	152.5 34.9	6.2	0.0246	40
			P150 0224 3	992.9	429.8 2.4	380.6 5.3	349.1 9.4	309.1 21.1	283.5 37.5	251.1 84.3	9.4	0.0595	47
			P175 0224 3	1295.2	532.7 3.0	471.7 6.8	432.7 12.0	383.1 27.0	351.4 47.9	311.2 107.7	13.0	0.0760	52
	270	MS	P200 0224 3	2071.0	882.0 8.7	780.9 19.4	716.4 34.5	634.3 77.6	581.9 137.9		20.6	0.2190	60
			P250 0224 3	4182.2	1732.0 25.8	1533.6 58.1	1406.8 103.2	1245.7 232.2	1142.7 412.8		34.1	0.6558	80
			P320 0224 3	7295.8	3011.8 62.0	2666.9 139.5	2446.3 248.0	2166.2 558.0	1987.0 992.0		68.7	1.5758	100
			P400 0224 3	14710.0	6384.0 157.5	5652.8 354.3	5185.4 629.9	4591.5 1417.2			132.8	4.0023	120
P040 0227 2			23.0	6.8 0.1	6.0 0.1	5.5 0.1	4.9 0.1	4.5 0.1	4.0 0.1	0.6	0.0001	12	
P050 0227 2			41.2	13.7 0.1	12.1 0.1	11.1 0.1	9.9 0.1	9.0 0.1	8.0 0.2	1.0	0.0002	14	
P065 0227 2			107.9	39.9 0.1	35.3 0.1	32.4 0.1	28.7 0.2	26.3 0.3	23.3 0.6	2.1	0.0007	19	
P080 0227 2			168.8	60.7 0.1	53.7 0.1	49.3 0.2	43.6 0.4	40.0 0.6	35.4 1.3	3.2	0.0016	22	
270	MS	P100 0227 2	334.8	130.2 0.2	115.3 0.3	105.8 0.5	93.6 1.1	85.9 1.8	76.1 4.1	4.9	0.0052	32	
		P125 0227 2	539.9	211.8 0.6	187.5 1.2	172.0 2.2	152.3 4.8	139.7 8.5	123.7 19.1	6.9	0.0246	40	
		P150 0227 2	882.6	346.2 1.3	306.6 2.9	281.2 5.2	249.0 11.5	228.4 20.5	202.2 46.0	10.4	0.0595	47	
		P175 0227 2	1295.2	514.2 1.7	455.3 3.7	417.7 6.6	369.8 14.7	339.2 26.1	300.4 58.8	14.0	0.0760	52	
270	MS	P200 0227 2	2071.0	851.3 4.7	753.8 10.6	691.5 18.8	612.3 42.4	561.7 75.3	497.3 169.3	22.1	0.2190	60	
		P250 0227 2	3802.0	1445.2 8.0	1279.7 18.0	1173.9 31.9	1039.4 71.7	953.5 127.4	844.3 286.7	37.1	0.3710	80	

P40 ~ 400

2stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque						Top (N·m) Toi (N·m)	Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Input Shaft Speed (Index/min)									
					50	75	100	150	200	300				
2	270	MS	P320 0227 2	6670.4	2535.6 27.8	2245.2 62.6	2059.5 111.2	1823.7 250.1	1672.9 444.6		74.2	1.2945	100	
			P400 0227 2	14138.8	5374.6 65.2	4759.0 146.5	4365.5 260.5	3865.5 586.0	3545.9 1041.7		142.4	3.0335	120	
		MCV 50	P040 0227 3	25.9	8.2 0.1	7.2 0.1	6.6 0.1	5.9 0.1	5.4 0.1	4.7 0.2		0.5	0.0001	12
			P050 0227 3	46.3	16.5 0.1	14.6 0.1	13.4 0.1	11.8 0.1	10.8 0.2	9.6 0.4		0.9	0.0003	14
			P065 0227 3	107.9	49.7 0.1	44.0 0.1	40.4 0.2	35.7 0.3	32.8 0.6	29.0 1.2		1.8	0.0010	19
			P080 0227 3	195.2	76.0 0.1	67.3 0.2	61.7 0.4	54.6 0.8	50.1 1.4	44.4 3.1		2.8	0.0027	22
			P100 0227 3	376.6	156.1 0.3	138.2 0.7	126.7 1.2	112.2 2.5	102.9 4.5	91.1 10.0		4.2	0.0089	32
			P125 0227 3	604.6	252.0 0.8	223.1 1.8	204.7 3.1	181.2 6.9	166.2 12.3	147.2 27.6		6.0	0.0246	40
			P150 0227 3	992.9	414.9 1.9	367.3 4.2	337.0 7.4	298.4 16.7	273.7 29.6	242.3 66.6		9.0	0.0595	47
			P175 0227 3	1381.6	568.8 3.5	503.7 7.9	462.0 14.0	409.1 31.5	375.3 55.9	332.3 125.7		12.4	0.1123	52
	P200 0227 3		2071.0	851.3 6.9	753.8 15.4	691.5 27.3	612.3 61.3	561.7 109.0	497.3 245.1		19.8	0.2190	60	
	P250 0227 3		4182.2	1671.8 20.4	1480.4 45.9	1358.0 81.6	1202.4 183.5	1103.0 326.2			33.0	0.6558	80	
	P320 0227 3	7556.3	3071.7 61.0	2719.8 137.1	2494.9 243.7	2209.2 548.3	2026.5 974.7			66.0	1.9595	100		
	P400 0227 3	14710.0	6440.2 127.0	5702.5 285.7	5231.0 507.9	4631.9 1142.7	4248.9 2031.5			128.4	4.0843	120		
	300	MS	P040 0230 2	25.9	7.9 0.1	7.0 0.1	6.4 0.1	5.7 0.1	5.2 0.1	4.6 0.1		0.6	0.0001	12
			P050 0230 2	46.3	15.9 0.1	14.1 0.1	12.9 0.1	11.5 0.1	10.5 0.1	9.3 0.2		1.0	0.0003	14
			P065 0230 2	107.9	48.2 0.1	42.7 0.1	39.1 0.1	34.6 0.2	31.8 0.3	28.1 0.7		2.0	0.0010	19
			P080 0230 2	195.2	73.6 0.1	65.2 0.2	59.8 0.2	52.9 0.5	48.6 0.8	43.0 1.7		3.0	0.0027	22
			P100 0230 2	376.6	151.2 0.2	133.9 0.4	122.8 0.7	108.7 1.4	99.7 2.5	88.3 5.6		4.6	0.0089	32
			P125 0230 2	604.6	244.1 0.5	216.2 1.0	198.3 1.8	175.6 3.9	161.0 6.9	142.6 15.5		6.5	0.0246	40
P150 0230 2			992.9	402.0 1.1	355.9 2.4	326.5 4.2	289.1 9.4	265.2 16.6	234.8 37.3		9.7	0.0595	47	
P175 0230 2			1381.6	551.1 2.0	488.0 4.4	447.6 7.9	396.4 17.6	363.6 31.3	321.9 70.3		13.3	0.1123	52	
P200 0230 2			2071.0	824.8 3.9	730.4 8.6	670.0 15.3	593.2 34.3	544.2 61.0	481.8 137.1		21.3	0.2190	60	
P250 0230 2			4182.2	1619.8 11.4	1434.3 25.7	1315.7 45.6	1165.0 102.6	1068.7 182.4	946.3 410.4		35.1	0.6558	80	
P320 0230 2	7556.3	2976.1 34.1	2635.2 76.7	2417.3 136.3	2140.5 306.6	1963.5 545.1			70.1	1.9595	100			
P400 0230 2	14710.0	6239.8 71.0	5525.1 159.8	5068.3 284.1	4487.8 639.1	4116.7 1136.1			135.0	4.0843	120			
MCV 50	P040 0230 3	28.7	9.4 0.1	8.3 0.1	7.6 0.1	6.7 0.1	6.2 0.1	5.5 0.2		0.5	0.0001	12		
	P050 0230 3	51.5	18.9 0.1	16.7 0.1	15.3 0.1	13.6 0.1	12.5 0.2	11.0 0.3		0.8	0.0003	14		
	P065 0230 3	107.9	54.9 0.1	48.6 0.1	44.5 0.2	39.4 0.3	36.2 0.5	32.0 1.0		1.7	0.0011	19		
	P080 0230 3	211.0	83.5 0.1	74.0 0.2	67.8 0.3	60.1 0.7	55.1 1.2	48.8 2.6		2.6	0.0028	22		

P40 ~ 400

2, 3stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque						Top (N·m) Toi (N·m)	Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)			
					Input Shaft Speed (Index/min)												
					50	75	100	150	200	300							
2	300	MCV 50	P100 0230 3	392.3	179.2 0.3	158.7 0.6	145.5 1.0	128.9 2.2	118.2 3.8	104.7 8.5		4.0	0.0093	32			
			P125 0230 3	637.4	272.5 0.7	241.3 1.5	221.4 2.6	196.0 5.8	179.8 10.3	159.2 23.2		5.7	0.0255	40			
			P150 0230 3	1088.5	466.0 1.6	412.6 3.6	378.5 6.3	335.1 14.2	307.4 25.1	272.2 56.5		8.5	0.0623	47			
			P175 0230 3	1511.1	637.1 3.0	564.1 6.7	517.5 11.8	458.2 26.6	420.3 47.2	372.2 106.1		11.7	0.1170	52			
			P200 0230 3	2071.0	824.8 5.6	730.4 12.5	670.0 22.1	593.2 49.7	544.2 88.3	481.8 198.6		19.2	0.2190	60			
			P250 0230 3	4752.5	1988.5 17.9	1760.7 40.1	1615.2 71.3	1430.2 160.3	1311.9 284.9			30.9	0.7070	80			
			P320 0230 3	8338.0	3488.7 56.3	3089.1 126.7	2833.7 225.2	2509.2 506.7	2301.7 900.8			62.7	2.2358	100			
			P400 0230 3	14710.0	7394.9 135.8	6547.9 305.5	6006.5 543.0	5318.5 1221.8	4878.8 2172.0			122.1	5.3910	120			
			3	120	MCV 25	P040 0312 5	21.8	10.4 0.1	9.2 0.1	8.4 0.1	7.4 0.1	6.8 0.1	6.0 0.2		0.7	0.0001	12
						P050 0312 5	39.1	21.0 0.1	18.6 0.1	17.1 0.1	15.1 0.2	13.9 0.3	12.3 0.6		1.2	0.0002	14
P065 0312 5	100.4	58.3 0.1				51.6 0.2	47.3 0.3	41.9 0.5	38.4 0.9	34.0 2.0		2.4	0.0007	19			
P080 0312 5	158.3	90.5 0.2				80.2 0.3	73.5 0.5	65.1 1.1	59.7 2.0	52.9 4.4		3.6	0.0015	22			
P100 0312 5	309.7	186.7 0.4				165.3 0.9	151.6 1.6	134.3 3.5	123.2 6.1	109.1 13.8		5.5	0.0047	32			
P125 0312 5	501.0	302.4 1.2				267.8 2.7	245.6 4.8	217.5 10.7	199.5 18.9	176.7 42.5		7.7	0.0146	40			
P150 0312 5	816.4	488.5 2.8				432.6 6.2	396.8 11.0	351.4 24.7	322.3 43.8	285.4 98.6		11.6	0.0338	47			
P175 0312 5	1122.5	743.0 5.4				657.9 12.1	603.5 21.5	534.3 48.4	490.1 86.0	434.0 193.4		15.8	0.0663	52			
P200 0312 5	1702.8	1125.5 8.6				996.6 19.3	914.1 34.3	809.4 77.0	742.5 136.9	657.5 308.0		25.1	0.1055	60			
P250 0312 5	2707.3	1551.6 22.5				1373.9 50.6	1260.3 90.0	1116.0 202.4	1023.7 359.7			39.1	0.2773	70			
P320 0312 5	5839.3	3363.5 74.3	2978.3 167.0	2732.0 296.9	2419.1 667.9				80.7	0.9153	90						
P400 0312 5	7816.9	4130.3 156.4	3657.3 351.8	3354.9 625.4	2970.6 1407.1				141.5	1.9283	100						
150	MS	P040 0315 2	23.0	10.4 0.1	9.2 0.1	8.4 0.1	7.5 0.1	6.8 0.1	6.1 0.2		0.6	0.0001	12				
		P050 0315 2	41.2	21.1 0.1	18.7 0.1	17.1 0.1	15.2 0.1	13.9 0.2	12.3 0.4		1.1	0.0002	14				
		P065 0315 2	107.9	60.9 0.1	53.9 0.1	49.4 0.2	43.8 0.3	40.1 0.5	35.5 1.2		2.3	0.0007	19				
		P080 0315 2	168.8	92.6 0.1	82.0 0.2	75.2 0.3	66.6 0.7	61.1 1.2	54.1 2.6		3.5	0.0015	22				
		P100 0315 2	334.8	194.5 0.3	172.2 0.6	158.0 0.9	139.9 2.1	128.3 3.6	113.6 8.1		5.3	0.0049	32				
		P125 0315 2	550.7	322.5 0.8	285.6 1.6	262.0 2.9	232.0 6.4	212.8 11.3	188.4 25.3		7.4	0.0152	40				
		P150 0315 2	882.6	509.0 1.7	450.7 3.7	413.4 6.5	366.1 14.7	335.8 26.0	297.3 58.5		11.2	0.0350	47				
		P175 0315 2	1208.9	770.0 3.2	681.8 7.2	625.4 12.7	553.8 28.5	508.0 50.7	449.8 113.9		15.3	0.0683	52				
		P200 0315 2	1840.9	1172.6 5.6	1038.3 12.5	952.4 22.2	843.3 49.9	773.6 88.7	685.0 199.5		24.3	0.1195	60				
		P250 0315 2	3802.0	2175.7 15.4	1926.5 34.7	1767.2 61.6	1564.8 138.5	1435.4 246.1	1271.0 553.7		39.5	0.3318	80				

P40 ~ 400

3stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque						Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Top (N·m) Toi (N·m)								
					Input Shaft Speed (Index/min)								
50	75	100	150	200	300								
3	150	MS	P320 0315 2	6670.4	3817.1 54.8	3379.9 123.3	3100.4 219.1	2745.3 493.0	2518.3 876.4	78.9	1.1815	100	
			P400 0315 2	14138.8	6571.9 126.0	5819.2 283.5	5338.0 503.9	4726.6 1133.7	4335.8 2015.5	150.1	2.7173	120	
	180	MS	P040 0318 2	25.9	11.7 0.1	10.3 0.1	9.5 0.1	8.4 0.1	7.7 0.1	6.8 0.2	0.6	0.0001	12
			P050 0318 2	46.3	23.6 0.1	20.9 0.1	19.2 0.1	17.0 0.1	15.6 0.2	13.8 0.4	1.0	0.0003	14
			P065 0318 2	107.9	64.0 0.1	56.7 0.1	52.0 0.1	46.0 0.2	42.2 0.4	37.4 0.8	2.1	0.0007	19
			P080 0318 2	189.9	103.7 0.1	91.8 0.2	84.2 0.4	74.5 0.8	68.4 1.4	60.5 3.0	3.2	0.0026	22
			P100 0318 2	359.9	204.0 0.3	180.6 0.7	165.7 1.1	146.7 2.5	134.6 4.4	119.1 9.8	4.8	0.0084	32
			P125 0318 2	593.8	339.9 0.8	301.0 1.7	276.1 3.0	244.5 6.7	224.3 11.9	198.6 26.7	6.8	0.0230	40
			P150 0318 2	992.9	569.7 1.9	504.4 4.1	462.7 7.3	409.7 16.3	375.8 28.9	332.8 64.9	10.1	0.0560	47
			P175 0318 2	1347.0	850.0 3.4	752.6 7.6	690.4 13.5	611.3 30.4	560.8 54.0	496.5 121.4	13.9	0.1048	52
			P200 0318 2	1956.0	1209.2 6.6	1070.7 14.7	982.2 26.1	869.7 58.6	797.8 104.1	706.4 234.2	22.4	0.2020	60
			P250 0318 2	4182.2	2357.7 19.7	2087.6 44.2	1915.0 78.5	1695.7 176.5	1555.5 313.7		36.3	0.6090	80
P320 0318 2	7295.8	4102.8 46.5	3632.9 104.5	3332.5 185.7	2950.8 417.8	2706.8 742.8		73.0	1.4420	100			
P400 0318 2	14710.0	7063.7 116.8	6254.7 262.8	5737.5 467.2	5080.4 1051.2	4660.3 1868.8		139.8	3.6280	120			
210	MS	P040 0321 2	25.9	11.1 0.1	9.8 0.1	9.0 0.1	8.0 0.1	7.3 0.1	6.5 0.1	0.5	0.0001	12	
		P050 0321 2	46.3	22.6 0.1	20.0 0.1	18.3 0.1	16.2 0.1	14.9 0.2	13.2 0.3	0.9	0.0003	14	
		P065 0321 2	107.9	61.1 0.1	54.1 0.1	49.6 0.1	43.9 0.2	40.3 0.3	35.7 0.6	1.9	0.0007	19	
		P080 0321 2	189.9	99.0 0.1	87.6 0.2	80.4 0.3	71.2 0.6	65.3 1.0	57.8 2.2	3.0	0.0026	22	
		P100 0321 2	392.3	228.3 0.3	202.2 0.5	185.5 0.9	164.2 1.9	150.6 3.3	133.4 7.4	4.4	0.0087	32	
		P125 0321 2	631.6	354.9 0.6	314.2 1.3	288.2 2.3	255.2 5.1	234.1 9.0	207.3 20.1	6.3	0.0236	40	
		P150 0321 2	1029.7	573.4 1.4	507.7 3.1	465.7 5.4	412.4 12.1	378.3 21.5	334.9 48.4	9.5	0.0568	47	
		P175 0321 2	1424.7	880.3 2.6	779.5 5.7	715.0 10.1	633.1 22.8	580.8 40.4	514.2 90.9	13.0	0.1068	52	
		P200 0321 2	2071.0	1253.1 4.9	1109.6 11.0	1017.8 19.5	901.2 43.8	826.7 77.9	732.0 175.2	20.9	0.2058	60	
		P250 0321 2	4562.4	2553.8 15.0	2261.3 33.8	2074.3 60.0	1836.7 135.0	1684.9 240.0	1491.9 539.9	33.8	0.6340	80	
P320 0321 2	7816.9	4327.9 41.0	3832.2 92.2	3515.4 163.9	3112.7 368.6	2855.4 655.3		68.6	1.7315	100			
P400 0321 2	14710.0	7451.4 100.2	6597.9 225.3	6052.4 400.5	5359.2 901.1	4916.1 1601.9		132.1	4.2330	120			
240	MS	P040 0324 2	28.7	12.5 0.1	11.0 0.1	10.1 0.1	9.0 0.1	8.2 0.1	7.3 0.1	0.5	0.0001	12	
		P050 0324 2	51.5	25.3 0.1	22.4 0.1	20.5 0.1	18.2 0.1	16.7 0.1	14.8 0.2	0.9	0.0003	14	
		P065 0324 2	107.9	72.9 0.1	64.5 0.1	59.2 0.1	52.4 0.2	48.1 0.3	42.6 0.7	1.8	0.0010	19	
		P080 0324 2	211.0	110.9 0.1	98.2 0.2	90.1 0.2	79.7 0.5	73.2 0.8	64.8 1.8	2.8	0.0027	22	

P40 ~ 400

3stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque						Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Top (N·m) Toi (N·m)								
					Input Shaft Speed (Index/min)								
50	75	100	150	200	300								
3	240	MS	P100 0324 2	392.3	232.9 0.2	206.3 0.4	189.2 0.7	167.5 1.5	153.7 2.6	136.1 5.8	4.2	0.0088	32
			P125 0324 2	637.4	353.8 0.5	313.2 1.0	287.3 1.8	254.4 3.9	233.4 6.9	206.6 15.5	5.9	0.0238	40
			P150 0324 2	1088.5	597.6 1.1	529.1 2.4	485.4 4.3	429.8 9.5	394.2 16.9	349.1 37.9	8.9	0.0580	47
			P175 0324 2	1511.1	922.0 2.0	816.4 4.5	748.9 8.0	663.1 17.9	608.3 31.7	538.6 71.3	12.2	0.1093	52
			P200 0324 2	2301.1	1404.1 3.9	1243.3 8.8	1140.5 15.6	1009.9 35.0	926.3 62.2	820.2 139.9	19.5	0.2145	60
			P250 0324 2	4562.4	2453.5 11.5	2172.5 25.9	1992.9 46.0	1764.6 103.4	1618.7 183.7	1433.3 413.4	32.5	0.6340	80
			P320 0324 2	7816.9	4158.0 31.4	3681.8 70.6	3377.3 125.5	2990.5 282.2	2743.2 501.7	2429.0 1128.8	66.0	1.7315	100
			P400 0324 2	14710.0	7158.8 76.7	6338.9 172.5	5814.7 306.7	5148.7 689.9	4723.0 1226.5		127.9	4.2330	120
	270	MS	P040 0327 2	28.7	12.0 0.1	10.7 0.1	9.8 0.1	8.6 0.1	7.9 0.1	7.0 0.1	0.5	0.0001	12
			P050 0327 2	51.5	24.4 0.1	21.6 0.1	19.8 0.1	17.5 0.1	16.1 0.1	14.2 0.2	0.8	0.0003	14
			P065 0327 2	107.9	70.4 0.1	62.3 0.1	57.1 0.1	50.6 0.2	46.4 0.3	41.1 0.6	1.7	0.0010	19
			P080 0327 2	211.0	107.1 0.1	94.8 0.1	86.9 0.2	77.0 0.4	70.6 0.7	62.5 1.4	2.7	0.0027	22
P100 0327 2			392.3	224.9 0.2	199.1 0.3	182.6 0.6	161.7 1.2	148.3 2.1	131.3 4.6	4.0	0.0088	32	
P125 0327 2			637.4	341.5 0.4	302.4 0.8	277.4 1.4	245.6 3.1	225.3 5.5	199.5 12.3	5.7	0.0238	40	
P150 0327 2			1088.5	576.8 0.9	510.7 1.9	468.5 3.4	414.8 7.5	380.5 13.3	336.9 29.9	8.6	0.0580	47	
P175 0327 2			1511.1	890.0 1.6	788.1 3.6	722.9 6.3	640.1 14.1	587.2 25.1	519.9 56.3	11.8	0.1093	52	
P200 0327 2	2301.1	1355.4 3.1	1200.1 7.0	1100.9 12.3	974.8 27.7	894.2 49.2	791.8 110.5	18.8	0.2145	60			
P250 0327 2	4752.5	2514.9 9.3	2226.8 20.9	2042.7 37.1	1808.7 83.4	1659.2 148.2	1469.1 333.4	31.1	0.6473	80			
P320 0327 2	8338.0	4412.2 29.6	3906.8 66.5	3583.8 118.1	3173.3 265.8	2910.9 472.4	2577.5 1062.9	63.0	2.0635	100			
P400 0327 2	14710.0	7596.4 70.3	6726.4 158.1	6170.2 281.0	5463.5 632.1	5011.7 1123.7		122.5	4.9085	120			
300	MS	P040 0330 2	28.7	11.7 0.1	10.3 0.1	9.5 0.1	8.4 0.1	7.7 0.1	6.8 0.1	0.5	0.0001	12	
		P050 0330 2	51.5	23.7 0.1	20.9 0.1	19.2 0.1	17.0 0.1	15.6 0.1	13.8 0.2	0.8	0.0003	14	
		P065 0330 2	107.9	68.2 0.1	60.4 0.1	55.4 0.1	49.0 0.2	45.0 0.2	39.8 0.5	1.6	0.0010	19	
		P080 0330 2	211.0	103.7 0.1	91.8 0.1	84.2 0.2	74.6 0.3	68.4 0.5	60.6 1.2	2.6	0.0027	22	
		P100 0330 2	392.3	217.9 0.2	192.9 0.3	176.9 0.5	156.7 1.0	143.7 1.7	127.3 3.7	3.9	0.0088	32	
		P125 0330 2	637.4	330.8 0.3	292.9 0.7	268.7 1.2	237.9 2.5	218.3 4.5	193.3 10.0	5.5	0.0238	40	
		P150 0330 2	1088.5	558.9 0.7	494.8 1.6	453.9 2.7	401.9 6.1	368.7 10.8	326.5 24.2	8.3	0.0580	47	
		P175 0330 2	1511.1	862.3 1.3	763.5 2.9	700.4 5.1	620.2 11.4	568.9 20.3	503.7 45.6	11.4	0.1093	52	
P200 0330 2	2301.1	1313.2 2.5	1162.8 5.6	1066.6 10.0	944.5 22.4	866.4 39.8	767.1 89.5	18.2	0.2145	60			
P250 0330 2	4752.5	2436.6 7.6	2157.5 16.9	1979.1 30.1	1752.5 67.6	1607.6 120.1	1423.4 270.1	30.2	0.6473	80			

P40 ~ 400

3, 4stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque Top (N·m) Toi (N·m)						Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Input Shaft Speed (Index/min)								
					50	75	100	150	200	300			
3	300	MS	P320 0330 2	8338.0	4274.9 24.0	3785.3 53.9	3472.3 95.7	3074.6 215.3	2820.4 382.7	2497.3 861.0	61.4	2.0635	100
			P400 0330 2	14710.0	7360.1 56.9	6517.1 128.0	5978.2 227.6	5293.5 512.0	4855.8 910.2	4299.7 2048.0	119.9	4.9085	120
4	90	MS	P040 0409 2	12.0	6.6 0.1	5.8 0.1	5.3 0.1	4.7 0.1	4.3 0.1	3.8 0.3	0.7	0.0001	10
			P050 0409 2	36.0	20.1 0.1	17.8 0.1	16.3 0.1	14.4 0.2	13.2 0.4	11.7 0.8	1.3	0.0002	14
			P065 0409 2	76.6	43.1 0.1	38.1 0.2	35.0 0.3	31.0 0.6	28.4 1.0	25.1 2.3	2.6	0.0006	16
			P080 0409 2	147.7	82.5 0.2	73.0 0.4	67.0 0.6	59.3 1.4	54.4 2.4	48.2 5.4	4.0	0.0015	22
			P100 0409 2	254.0	138.1 0.5	122.3 1.0	112.2 1.8	99.3 4.0	91.1 7.0	80.7 15.7	6.0	0.0045	26
			P125 0409 2	381.9	240.9 1.4	213.3 3.1	195.7 5.6	173.3 12.4	158.9 22.1	140.7 49.6	8.2	0.0143	35
			P150 0409 2	572.2	356.1 3.1	315.3 6.9	289.3 12.2	256.1 27.4	234.9 48.7		12.1	0.0315	40
			P175 0409 2	897.3	558.5 6.3	494.5 14.1	453.6 25.1	401.6 56.3	368.4 100.1		16.8	0.0648	47
			P200 0409 2	1208.9	762.6 10.6	675.3 23.7	619.4 42.1	548.5 94.6	503.1 168.1		26.4	0.1088	52
			P250 0409 2	2560.9	1615.7 28.1	1430.6 63.1	1312.3 112.1	1162.0 252.1	1065.9 448.2		42.3	0.2900	70
	P320 0409 2	5450.0	3438.4 92.4	3044.6 208.0	2792.9 369.7	2473.0 831.7			87.1	0.9568	90		
	P400 0409 2	7295.8	4602.9 169.0	4075.7 380.3	3738.7 676.0	3310.5 1520.9			151.8	1.7498	100		
	120	MS	P040 0412 2	23.0	8.1 0.1	7.2 0.1	6.6 0.1	5.8 0.1	5.3 0.1	4.7 0.2	0.6	0.0001	12
			P050 0412 2	41.2	14.3 0.1	12.6 0.1	11.6 0.1	10.2 0.2	9.4 0.2	8.3 0.5	1.1	0.0002	14
			P065 0412 2	107.9	47.5 0.1	42.0 0.1	38.5 0.2	34.1 0.4	31.3 0.7	27.7 1.4	2.2	0.0007	19
			P080 0412 2	168.8	72.1 0.1	63.9 0.2	58.6 0.4	51.9 0.8	47.6 1.4	42.1 3.2	3.4	0.0016	22
			P100 0412 2	334.8	159.4 0.3	141.2 0.7	129.5 1.2	114.7 2.6	105.2 4.6	93.1 10.2	5.2	0.0052	32
			P125 0412 2	539.9	290.4 0.9	257.1 2.0	235.9 3.6	208.8 8.0	191.6 14.1	169.6 31.7	7.2	0.0162	40
			P150 0412 2	882.6	474.7 2.0	420.3 4.3	385.6 7.7	341.4 17.2	313.2 30.5	277.3 68.5	10.9	0.0350	47
			P175 0412 2	1208.9	631.9 4.0	559.5 9.0	513.3 16.0	454.5 35.9	416.9 63.7	369.1 143.3	14.9	0.0733	52
P200 0412 2			1840.9	962.3 7.1	852.1 15.9	781.6 28.3	692.1 63.6	634.9 113.0	562.2 254.3	23.7	0.1300	60	
P250 0412 2			3802.0	1876.1 20.2	1661.2 45.4	1523.8 80.7	1349.3 181.4	1237.7 322.5		38.6	0.3710	80	
P320 0412 2	6670.4	3291.5 70.4	2914.5 158.3	2673.5 281.3	2367.3 633.0			77.2	1.2945	100			
P400 0412 2	14138.8	6177.7 164.8	5470.2 370.8	5017.9 659.2	4443.2 1483.2			147.3	3.0335	120			
150	MS	P040 0415 2	25.9	9.1 0.1	8.0 0.1	7.4 0.1	6.5 0.1	6.0 0.1	5.3 0.2	0.6	0.0001	12	
		P050 0415 2	46.3	16.0 0.1	14.1 0.1	13.0 0.1	11.5 0.1	10.5 0.2	9.3 0.4	1.0	0.0003	14	
		P065 0415 2	107.9	55.4 0.1	49.0 0.1	45.0 0.2	39.8 0.4	36.5 0.6	32.3 1.4	2.0	0.0010	19	
		P080 0415 2	195.2	84.4 0.1	74.8 0.3	68.6 0.4	60.7 0.9	55.7 1.6	49.3 3.4	3.0	0.0027	22	

P40 ~ 400

4stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque Top (N·m) Toi (N·m)						Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Input Shaft Speed (Index/min)								
					50	75	100	150	200	300			
4	150	MS	P100 0415 2	376.6	178.7 0.4	158.2 0.7	145.1 1.3	128.5 2.8	117.9 5.0	104.4 11.2	4.6	0.0089	32
			P125 0415 2	604.6	286.1 0.9	253.4 2.0	232.4 3.5	205.8 7.8	188.8 13.7	167.1 30.9	6.5	0.0246	40
			P150 0415 2	992.9	471.1 2.1	417.1 4.7	382.6 8.3	338.8 18.7	310.8 33.1	275.2 74.5	9.7	0.0595	47
			P175 0415 2	1381.6	642.9 4.0	569.2 8.8	522.2 15.7	462.3 35.2	424.1 62.5	375.5 140.5	13.3	0.1123	52
			P200 0415 2	2071.0	954.9 7.7	845.6 17.2	775.6 30.5	686.8 68.6	630.0 121.9	557.8 274.2	21.3	0.2190	60
			P250 0415 2	4182.2	1797.2 22.8	1591.4 51.3	1459.8 91.2	1292.6 205.2	1185.7 364.8		35.1	0.6558	80
			P320 0415 2	7295.8	3125.3 54.8	2767.3 123.3	2538.5 219.2	2247.8 493.1	2061.9 876.6		70.6	1.5758	100
			P400 0415 2	14710.0	6624.5 139.2	5865.8 313.1	5380.8 556.6	4764.5 1252.4			135.9	4.0023	120
	180	MS	P040 0418 2	28.7	10.2 0.1	9.0 0.1	8.3 0.1	7.3 0.1	6.7 0.1	5.9 0.2	0.5	0.0001	12
			P050 0418 2	51.5	17.9 0.1	15.9 0.1	14.6 0.1	12.9 0.1	11.8 0.2	10.5 0.3	0.9	0.0003	14
			P065 0418 2	107.9	54.8 0.1	48.5 0.1	44.5 0.2	39.4 0.3	36.1 0.5	32.0 1.0	1.8	0.0011	19
			P080 0418 2	211.0	83.2 0.1	73.7 0.2	67.6 0.3	59.8 0.7	54.9 1.1	48.6 2.5	2.8	0.0028	22
			P100 0418 2	392.3	183.9 0.3	162.8 0.6	149.4 0.9	132.3 2.1	121.3 3.6	107.4 8.1	4.2	0.0093	32
			P125 0418 2	637.4	302.4 0.7	267.8 1.4	245.7 2.5	217.5 5.6	199.5 9.9	176.7 22.2	5.9	0.0255	40
			P150 0418 2	1088.5	517.0 1.6	457.8 3.4	419.9 6.1	371.8 13.6	341.1 24.1	302.0 54.2	8.9	0.0623	47
			P175 0418 2	1511.1	703.6 2.9	623.0 6.4	571.5 11.3	506.0 25.5	464.2 45.2	411.0 101.7	12.2	0.1170	52
	210	MS	P200 0418 2	2301.1	1071.5 5.6	948.7 12.6	870.3 22.3	770.6 50.1	706.9 89.0	625.9 200.2	19.5	0.2303	60
			P250 0418 2	4752.5	2088.8 17.1	1849.6 38.5	1696.7 68.3	1502.3 153.7	1378.1 273.2		32.1	0.7070	80
			P320 0418 2	8338.0	3664.8 54.0	3245.0 121.5	2976.7 216.0	2635.8 485.9	2417.8 863.7		65.0	2.2358	100
			P400 0418 2	14710.0	7768.0 130.2	6878.3 292.9	6309.6 520.7	5586.9 1171.5	5125.0 2082.6		125.7	5.3910	120
P040 0421 2			28.7	9.7 0.1	8.6 0.1	7.9 0.1	7.0 0.1	6.4 0.1	5.7 0.1	0.5	0.0001	12	
P050 0421 2			51.5	17.1 0.1	15.2 0.1	13.9 0.1	12.3 0.1	11.3 0.1	10.0 0.2	0.8	0.0003	14	
P065 0421 2			107.9	52.3 0.1	46.3 0.1	42.5 0.1	37.6 0.2	34.5 0.4	30.5 0.7	1.7	0.0011	19	
P080 0421 2			211.0	79.4 0.1	70.3 0.2	64.5 0.2	57.1 0.5	52.4 0.8	46.4 1.8	2.6	0.0028	22	
210	MS	P100 0421 2	392.3	175.6 0.2	155.5 0.4	142.6 0.7	126.3 1.5	115.8 2.7	102.6 6.0	4.0	0.0093	32	
		P125 0421 2	637.4	288.8 0.5	255.7 1.1	234.5 1.9	207.7 4.1	190.5 7.3	168.7 16.3	5.6	0.0255	40	
		P150 0421 2	1088.5	493.6 1.2	437.1 2.5	400.9 4.5	355.0 10.0	325.7 17.7	288.4 39.8	8.5	0.0623	47	
		P175 0421 2	1511.1	671.8 2.1	594.8 4.7	545.7 8.4	483.2 18.7	443.2 33.3	392.4 74.8	11.7	0.1170	52	
210	MS	P200 0421 2	2301.1	1023.0 4.1	905.9 9.2	831.0 16.4	735.8 36.8	674.9 65.4	597.6 147.1	18.6	0.2303	60	
		P250 0421 2	4752.5	1994.4 12.6	1766.0 28.3	1620.0 50.2	1434.4 112.9	1315.8 200.7	1165.1 451.5	30.8	0.7070	80	

P40 ~ 400

4stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque						Top (N·m) Toi (N·m)	Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Input Shaft Speed (Index/min)									
					50	75	100	150	200	300				
4	210	MS	P320 0421 2	8338.0	3499.1 39.7	3098.4 89.3	2842.2 158.7	2516.7 357.0	2308.6 634.6		62.5	2.2358	100	
			P400 0421 2	14710.0	7417.0 95.7	6567.5 215.2	6024.4 382.6	5334.4 860.7	4893.4 1530.1		121.6	5.3910	120	
	240	MS	P040 0424 2	28.7	9.4 0.1	8.3 0.1	7.6 0.1	6.7 0.1	6.2 0.1	5.4 0.1		0.4	0.0001	12
			P050 0424 2	51.5	16.5 0.1	14.6 0.1	13.4 0.1	11.8 0.1	10.8 0.1	9.6 0.2		0.8	0.0003	14
			P065 0424 2	107.9	50.2 0.1	44.5 0.1	40.8 0.1	36.1 0.2	33.1 0.3	29.3 0.6		1.6	0.0011	19
			P080 0424 2	211.0	76.3 0.1	67.6 0.1	62.0 0.2	54.9 0.4	50.3 0.7	44.6 1.4		2.5	0.0028	22
			P100 0424 2	392.3	168.7 0.2	149.4 0.3	137.0 0.6	121.3 1.2	111.3 2.1	98.5 4.6		3.8	0.0093	32
			P125 0424 2	637.4	277.4 0.4	245.7 0.8	225.3 1.4	199.5 3.2	183.0 5.6	162.1 12.5		5.4	0.0255	40
			P150 0424 2	1088.5	474.2 0.9	419.9 2.0	385.2 3.4	341.1 7.7	312.9 13.6	277.0 30.5		8.2	0.0623	47
			P175 0424 2	1511.1	645.4 1.6	571.5 3.6	524.2 6.4	464.2 14.4	425.8 25.5	377.0 57.3		11.2	0.1170	52
			P200 0424 2	2301.1	982.9 3.2	870.3 7.1	798.3 12.6	706.9 28.2	648.4 50.1	574.2 112.6		17.9	0.2303	60
			P250 0424 2	4752.5	1916.1 9.7	1696.7 21.7	1556.4 38.5	1378.1 86.5	1264.2 153.7	1119.4 345.7		29.8	0.7070	80
	P320 0424 2	8338.0	3361.7 30.4	2976.7 68.4	2730.6 121.5	2417.8 273.3	2217.9 485.9			60.6	2.2358	100		
	P400 0424 2	14710.0	7125.7 73.3	6309.6 164.8	5787.9 292.9	5125.0 659.0	4701.2 1171.5			118.5	5.3910	120		
	270	MS	P040 0427 2	28.7	9.0 0.1	8.0 0.1	7.3 0.1	6.5 0.1	5.9 0.1	5.3 0.1		0.4	0.0001	12
			P050 0427 2	51.5	15.9 0.1	14.1 0.1	12.9 0.1	11.4 0.1	10.5 0.1	9.3 0.2		0.8	0.0003	14
			P065 0427 2	107.9	48.5 0.1	42.9 0.1	39.4 0.1	34.9 0.2	32.0 0.2	28.3 0.5		1.5	0.0011	19
			P080 0427 2	211.0	73.7 0.1	65.2 0.1	59.8 0.2	53.0 0.3	48.6 0.5	43.0 1.1		2.4	0.0028	22
			P100 0427 2	392.3	162.8 0.1	144.2 0.3	132.3 0.4	117.1 0.9	107.4 1.6	95.1 3.6		3.6	0.0093	32
			P125 0427 2	637.4	267.8 0.3	237.1 0.7	217.5 1.1	192.6 2.5	176.7 4.4	156.4 9.9		5.2	0.0255	40
P150 0427 2			1088.5	457.8 0.7	405.3 1.6	371.8 2.7	329.2 6.1	302.0 10.7	267.4 24.1		7.9	0.0623	47	
P175 0427 2			1511.1	623.0 1.3	551.6 2.9	506.0 5.1	448.1 11.3	411.0 20.1	363.9 45.2		10.9	0.1170	52	
P200 0427 2			2301.1	948.7 2.5	840.1 5.6	770.6 9.9	682.3 22.3	625.9 39.6	554.2 89.0		17.4	0.2303	60	
P250 0427 2			4752.5	1849.6 7.6	1637.8 17.1	1502.3 30.4	1330.3 68.3	1220.3 121.4	1080.5 273.2		29.0	0.7070	80	
P320 0427 2	8338.0	3245.0 24.0	2873.4 54.0	2635.8 96.0	2333.9 216.0	2140.9 383.9	1895.7 863.7		59.1	2.2358	100			
P400 0427 2	14710.0	6878.3 57.9	6090.5 130.2	5586.9 231.4	4947.0 520.7	4538.0 925.6			116.1	5.3910	120			
300	MS	P040 0430 2	28.7	8.8 0.1	7.7 0.1	7.1 0.1	6.3 0.1	5.8 0.1	5.1 0.1		0.4	0.0001	12	
		P050 0430 2	51.5	15.4 0.1	13.6 0.1	12.5 0.1	11.1 0.1	10.1 0.1	9.0 0.1		0.7	0.0003	14	
		P065 0430 2	107.9	47.0 0.1	41.6 0.1	38.1 0.1	33.8 0.1	31.0 0.2	27.4 0.4		1.5	0.0011	19	
		P080 0430 2	211.0	71.4 0.1	63.2 0.1	58.0 0.1	51.3 0.3	47.1 0.4	41.7 0.9		2.3	0.0028	22	

P40 ~ 400

4, 6stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque Internal Inertia Load Torque						Top (N·m) Toi (N·m)	Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Input Shaft Speed (Index/min)									
					50	75	100	150	200	300				
4	300	MS	P100 0430 2	392.3	157.8 0.1	139.7 0.2	128.1 0.4	113.5 0.8	104.1 1.3	92.2 3.0		3.5	0.0093	32
			P125 0430 2	637.4	259.5 0.3	229.7 0.5	210.7 0.9	186.6 2.0	171.2 3.6	151.6 8.0		5.1	0.0255	40
			P150 0430 2	1088.5	443.5 0.6	392.7 1.3	360.3 2.2	319.0 4.9	292.6 8.7	259.1 19.5		7.7	0.0623	47
			P175 0430 2	1511.1	603.6 1.1	534.5 2.3	490.3 4.1	434.1 9.2	398.2 16.3	352.6 36.7		10.6	0.1170	52
			P200 0430 2	2301.1	919.2 2.1	813.9 4.6	746.6 8.1	661.1 18.1	606.4 32.1	537.0 72.1		16.9	0.2303	60
			P250 0430 2	4752.5	1792.0 6.2	1586.8 13.9	1455.6 24.6	1288.9 55.4	1182.3 98.4	1046.9 221.3		28.4	0.7070	80
			P320 0430 2	8338.0	3144.1 19.5	2784.0 43.8	2553.8 77.8	2261.3 174.9	2074.3 311.0	1836.7 699.6		57.9	2.2358	100
			P400 0430 2	14710.0	6664.3 46.9	5901.0 105.5	5413.1 187.5	4793.1 421.8	4396.8 749.8	3893.2 1687.0		114.2	5.3910	120
6	180 (90x2)	MS	P040 0618 2	23.0	11.9 0.1	10.5 0.1	9.7 0.1	8.6 0.1	7.8 0.1	6.9 0.1		0.6	0.0001	12
			P050 0618 2	41.2	21.4 0.1	19.0 0.1	17.4 0.1	15.3 0.1	14.1 0.1	12.5 0.2		1.0	0.0002	14
			P065 0618 2	107.9	79.2 0.1	70.1 0.1	64.3 0.1	56.9 0.1	52.2 0.2	46.2 0.4		2.1	0.0007	19
			P080 0618 2	168.8	122.1 0.1	108.1 0.1	99.1 0.1	87.8 0.3	80.5 0.4	71.3 0.9		3.2	0.0015	22
			P100 0618 2	309.7	229.4 0.1	203.1 0.2	186.3 0.4	165.0 0.7	151.3 1.3	133.9 2.8		4.8	0.0047	32
			P125 0618 2	550.7	420.3 0.3	372.2 0.6	341.3 1.0	302.2 2.2	277.2 3.9	245.4 8.8		6.5	0.0152	40
	210 (105x2)	MS	P150 0618 2	912.0	711.5 0.6	630.3 1.3	577.9 2.3	511.7 5.2	469.4 9.2	415.6 20.6		9.5	0.0355	47
			P175 0618 2	1269.3	965.0 1.2	854.4 2.6	783.8 4.5	694.0 10.1	636.7 18.0	563.6 40.4		12.6	0.0698	52
			P200 0618 2	1702.8	1231.6 1.7	1090.5 3.9	1000.3 6.8	885.8 15.3	812.5 27.2	719.5 61.1		20.4	0.1055	60
			P250 0618 2	2707.3	1943.5 4.5	1720.8 10.1	1578.5 17.9	1397.7 40.2	1282.2 71.4	1135.3 160.6		30.0	0.2773	70
			P320 0618 2	5839.3	4213.0 14.8	3730.4 33.2	3421.9 58.9	3030.0 132.5	2779.5 235.6	2461.1 530.0		58.8	0.9153	90
			P400 0618 2	7816.9	5173.5 31.1	4581.0 69.8	4202.1 124.1	3720.8 279.2	3413.2 496.3	3022.3 1116.6		92.2	1.9283	100
6	210 (105x2)	MS	P040 0621 2	25.9	13.5 0.1	11.9 0.1	10.9 0.1	9.7 0.1	8.9 0.1	7.8 0.1		0.5	0.0001	12
			P050 0621 2	46.3	24.2 0.1	21.4 0.1	19.6 0.1	17.4 0.1	15.9 0.1	14.1 0.2		0.9	0.0003	14
			P065 0621 2	107.9	83.9 0.1	74.3 0.1	68.2 0.1	60.3 0.1	55.3 0.2	49.0 0.3		1.9	0.0007	19
			P080 0621 2	189.9	137.8 0.1	122.1 0.1	112.0 0.2	99.1 0.3	90.9 0.5	80.5 1.1		2.9	0.0026	22
			P100 0621 2	359.9	270.2 0.1	239.3 0.3	219.5 0.4	194.3 0.9	178.2 1.6	157.8 3.6		4.4	0.0084	32
			P125 0621 2	593.8	446.7 0.3	395.5 0.7	362.8 1.1	321.3 2.5	294.6 4.4	260.9 9.8		6.0	0.0230	40
6	210 (105x2)	MS	P150 0621 2	992.9	767.0 0.7	679.1 1.5	622.9 2.7	551.6 6.0	505.9 10.6	448.0 23.9		8.7	0.0560	47
			P175 0621 2	1347.0	1003.0 1.3	888.1 2.8	814.6 5.0	721.3 11.2	661.6 19.9	585.9 44.6		11.7	0.1048	52
			P200 0621 2	2025.0	1499.4 2.5	1327.7 5.5	1217.8 9.7	1078.3 21.8	989.2 38.7	875.9 87.1		18.5	0.2045	60
			P250 0621 2	3802.0	2795.0 4.0	2474.8 8.9	2270.2 15.7	2010.2 35.3	1843.9 62.8	1632.7 141.2		29.4	0.3318	80

Note: 6 stop and 8 stop drives will make two indexes and two stops per one rotation of the cam shaft. The total indexing period per one rotation of the cam shaft can be found in the CODE column.

P40 ~ 400

6, 8stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque						Top (N·m) Toi (N·m)	Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)	
					Internal Inertia Load Torque										
					Input Shaft Speed (Index/min)										
50	75	100	150	200	300										
6	210 (105×2)	MS	P320 0621 2	6670.4	4903.7 14.0	4342.0 31.5	3983.0 55.9	3526.8 125.7	3235.1 223.5	2864.6 502.7	55.2	1.1815	100		
			P400 0621 2	14138.8	8442.6 32.2	7475.6 72.3	6857.5 128.5	6072.0 289.1	5570.0 513.8	4932.0 1156.1	97.7	2.7173	120		
	240 (120×2)	MS	P040 0624 2	28.7	15.0 0.1	13.4 0.1	12.2 0.1	10.8 0.1	9.9 0.1	8.8 0.1	0.5	0.0001	12		
			P050 0624 2	51.5	27.1 0.1	24.0 0.1	22.0 0.1	19.5 0.1	17.9 0.1	15.8 0.1	0.9	0.0003	14		
			P065 0624 2	107.9	89.1 0.1	78.8 0.1	72.4 0.1	64.0 0.1	58.8 0.2	52.0 0.4	1.8	0.0010	19		
			P080 0624 2	200.5	143.2 0.1	126.9 0.1	116.4 0.1	102.9 0.3	94.5 0.4	83.6 0.9	2.7	0.0026	22		
			P100 0624 2	392.3	304.4 0.1	269.5 0.2	247.2 0.4	218.9 0.8	200.8 1.3	117.8 2.9	4.1	0.0087	32		
			P125 0624 2	631.6	469.2 0.3	415.5 0.5	381.1 0.9	337.5 2.0	309.5 3.5	274.1 7.7	5.6	0.0236	40		
			P150 0624 2	1029.7	776.7 0.6	687.7 1.2	630.9 2.1	558.6 4.7	512.4 8.3	453.7 18.5	8.2	0.0568	47		
			P175 0624 2	1424.7	1045.2 1.0	925.5 2.2	848.9 3.9	751.7 8.7	689.5 15.5	610.6 34.8	11.0	0.1068	52		
			P200 0624 2	2186.1	1609.3 2.0	1425.0 4.3	1307.2 7.7	1157.4 17.2	1061.7 30.5	940.1 68.5	17.3	0.2103	60		
			P250 0624 2	4562.4	3486.7 5.8	3087.3 13.0	2832.1 23.0	2507.7 51.7	2300.3 91.8	2036.9 206.6	26.6	0.6340	80		
			P320 0624 2	7816.9	5909.0 15.7	5232.2 35.3	4799.5 62.7	4249.8 141.0	3898.4 250.7	3451.9 564.0	50.3	1.7315	100		
			P400 0624 2	14710.0	10173.3 38.4	9008.1 86.2	8263.3 153.3	7316.8 344.8	6711.9 612.9	5943.2 1378.9	88.7	4.2330	120		
			270 (135×2)	MS	P040 0627 2	28.7	14.6 0.1	12.9 0.1	11.8 0.1	10.4 0.1	9.6 0.1	8.5 0.1	0.5	0.0001	12
					P050 0627 2	51.5	26.1 0.1	23.2 0.1	21.2 0.1	18.8 0.1	17.2 0.1	15.2 0.1	0.8	0.0003	14
					P065 0627 2	107.9	96.7 0.1	85.6 0.1	78.5 0.1	69.5 0.1	63.7 0.2	56.5 0.3	1.7	0.0010	19
					P080 0627 2	211.0	149.1 0.1	132.1 0.1	121.1 0.1	107.2 0.2	98.3 0.4	87.1 0.7	2.6	0.0027	22
P100 0627 2	392.3	312.0 0.1			276.2 0.2	253.4 0.3	224.4 0.6	205.8 1.1	182.2 2.3	3.8	0.0088	32			
P125 0627 2	637.4	470.0 0.2			416.2 0.4	381.7 0.7	388.0 1.6	310.0 2.8	274.5 6.2	5.3	0.0238	40			
P150 0627 2	1088.5	813.3 0.5			720.2 1.0	660.6 1.7	584.9 3.8	536.5 6.7	475.1 15.0	7.7	0.0580	47			
P175 0627 2	1511.1	1099.9 0.8			973.9 1.8	893.4 3.2	791.0 7.1	725.6 12.5	642.5 28.2	10.3	0.1093	52			
P200 0627 2	2301.1	1675.1 1.6			1483.2 3.5	1360.5 6.2	1204.7 13.9	1105.1 24.6	978.5 55.3	16.3	0.2145	60			
P250 0627 2	4752.5	3573.8 4.7			3164.6 10.5	2902.8 18.6	2570.4 41.7	2357.8 74.1	2087.7 166.6	25.2	0.6473	80			
P320 0627 2	8338.0	6270.2 14.8	5552.0 33.2	5092.9 59.1	4509.6 132.8	4136.7 236.1	3662.9 531.1	47.3	2.0635	100					
P400 0627 2	14710.0	10795.2 35.1	9558.9 79.0	8768.5 140.4	7764.2 315.9	7122.2 561.5	6306.4 1263.3	83.3	4.9085	120					
8	120 (60×2)	MS	P040 0812 2	12.0	6.4 0.1	5.6 0.1	5.1 0.1	4.6 0.1	4.2 0.1	3.7 0.1	0.6	0.0001	10		
			P050 0812 2	36.0	20.1 0.1	17.8 0.1	16.3 0.1	14.5 0.1	13.3 0.1	11.7 0.2	1.1	0.0002	14		
			P065 0812 2	76.6	52.1 0.1	46.1 0.1	42.3 0.1	37.4 0.2	34.3 0.3	30.3 0.7	2.2	0.0006	16		
			P080 0812 2	147.7	99.7 0.1	88.3 0.1	81.0 0.2	71.7 0.4	65.8 0.7	58.3 1.5	3.4	0.0015	22		

Note: 6 stop and 8 stop drives will make two indexes and two stops per one rotation of the cam shaft. The total indexing period per one rotation of the cam shaft can be found in the CODE column.

P40 ~ 400

8stop

Number of Stops S	Index Period (deg)	Cam curve	C O D E	Static-rated Output Torque Ts (N·m)	Dynamic-rated Output Torque						Top (N·m) Toi (N·m)	Cam shaft Frictional Torque Tx (N·m)	Output Inertia Jo (kg·m ²)	Sankyo Cam Follower SCF (mm)
					Internal Inertia Load Torque									
					Input Shaft Speed (Index/min)									
50	75	100	150	200	300									
8	120 (60×2)	MS	P100 0812 2	254.0	168.1 0.2	148.9 0.3	136.6 0.5	120.9 1.1	110.9 2.0	98.1 4.4	5.0	0.0045	26	
			P125 0812 2	381.9	253.5 0.4	224.4 0.9	205.8 1.6	182.2 3.5	167.1 6.2	148.0 14.0	6.8	0.0143	35	
			P150 0812 2	572.2	383.0 0.9	339.1 2.0	311.1 3.5	275.4 7.7	252.7 13.7	223.7 30.8	9.7	0.0315	40	
			P175 0812 2	897.3	597.2 1.8	528.8 4.0	485.1 7.1	429.5 15.9	393.3 28.2	348.8 63.3	13.4	0.0648	47	
			P200 0812 2	1208.9	805.9 3.0	713.6 6.7	654.6 11.9	579.6 26.6	531.7 47.3	470.7 106.3	20.7	0.1088	52	
			P250 0812 2	2560.9	1707.1 7.9	1511.6 17.8	1386.7 31.5	1227.8 70.9	1126.3 126.0	997.3 283.4	31.8	0.2900	70	
			P320 0812 2	5450.0	3633.1 26.0	3217.0 58.5	2951.0 103.9	2613.0 233.8	2396.9 415.6	2122.4 935.0	62.5	0.9568	90	
			P400 0812 2	7295.8	4461.4 47.5	3950.4 106.9	3623.8 190.0	3208.8 427.5	2943.4 760.0		98.1	1.7498	100	
	150 (75×2)	MS	P040 0815 2	21.3	9.2 0.1	8.1 0.1	7.4 0.1	6.6 0.1	6.0 0.1	5.3 0.1	0.6	0.0001	12	
			P050 0815 2	38.1	16.5 0.1	14.7 0.1	13.4 0.1	11.9 0.1	10.9 0.1	9.7 0.2	1.0	0.0002	14	
			P065 0815 2	80.8	42.7 0.1	37.8 0.1	34.6 0.1	30.7 0.2	28.2 0.2	24.9 0.5	2.0	0.0007	16	
			P080 0815 2	168.8	92.1 0.1	81.5 0.1	74.7 0.2	66.2 0.3	60.7 0.5	53.8 1.1	3.0	0.0016	22	
			P100 0815 2	334.8	197.8 0.1	175.1 0.3	160.6 0.4	142.2 0.9	130.5 1.5	115.5 3.3	4.5	0.0052	32	
			P125 0815 2	539.9	318.9 0.3	282.4 0.7	259.1 1.2	229.4 2.6	210.4 4.6	186.2 10.2	6.2	0.0162	40	
			P150 0815 2	882.6	531.4 0.7	470.4 1.4	431.5 2.5	382.2 5.5	350.5 9.8	310.4 21.9	9.1	0.0350	47	
			P175 0815 2	1208.9	727.8 1.3	644.5 2.9	591.2 5.1	523.5 11.5	480.2 20.4	425.2 45.9	12.2	0.0733	52	
	180 (90×2)	MS	P200 0815 2	1840.9	1108.4 2.3	981.4 5.1	900.3 9.1	797.2 20.4	731.2 36.2	647.5 81.4	19.3	0.1300	60	
			P250 0815 2	3802.0	2047.1 6.5	1812.6 14.6	1662.7 25.8	1472.3 58.1	1350.5 103.2	1195.8 232.1	30.0	0.3710	80	
P320 0815 2			6670.4	3872.9 22.5	3429.3 50.6	3145.8 90.0	2785.4 202.4	2555.1 359.9	2262.5 809.6	56.2	1.2945	100		
P400 0815 2			14138.8	8209.2 52.7	7268.9 118.6	6667.9 210.8	5904.2 474.3	5416.0 843.2	4795.7 1897.2	99.4	3.0335	120		
P040 0818 2			23.0	9.8 0.1	8.7 0.1	7.9 0.1	7.0 0.1	6.4 0.1	5.6 0.1	0.5	0.0001	12		
P050 0818 2			41.2	17.6 0.1	15.5 0.1	14.3 0.1	12.6 0.1	11.5 0.1	10.2 0.1	0.9	0.0002	14		
P065 0818 2			107.9	57.4 0.1	50.7 0.1	46.6 0.1	41.2 0.1	37.8 0.2	33.5 0.4	1.9	0.0007	19		
P080 0818 2			195.2	109.1 0.1	96.6 0.1	88.5 0.2	78.4 0.3	72.0 0.6	63.7 1.2	2.7	0.0027	22		
180 (90×2)	MS	P100 0818 2	376.6	224.4 0.2	198.7 0.3	182.2 0.5	161.4 1.0	148.0 1.8	131.1 3.9	4.1	0.0089	32		
		P125 0818 2	604.6	359.3 0.3	318.2 0.7	291.9 1.2	258.4 2.7	237.0 4.8	209.9 10.7	5.6	0.0246	40		
		P150 0818 2	992.9	602.8 0.8	533.8 1.7	489.7 2.9	433.5 6.5	397.7 11.5	352.2 25.9	8.3	0.0595	47		
		P175 0818 2	1347.0	813.4 1.4	720.3 3.1	660.7 5.4	585.0 12.1	536.6 21.5	475.2 48.3	11.1	0.1110	52		
		P200 0818 2	2071.0	1257.5 2.7	1113.4 6.0	1021.4 10.6	904.4 23.8	829.6 42.3	734.6 95.2	17.5	0.2190	60		
		P250 0818 2	4182.2	2417.6 8.0	2140.8 17.8	1963.7 31.7	1738.8 71.2	1595.0 126.6	1412.3 284.8	27.3	0.6558	80		

Note: 6 stop and 8 stop drives will make two indexes and two stops per one rotation of the cam shaft. The total indexing period per one rotation of the cam shaft can be found in the CODE column.