

DATORKER® Strain Wave Gear

Specifications



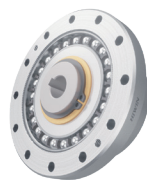
HIWIN Support



About HIWIN

Standard Series

- High torque density
- High precision, zero backlash
- Hollow shaft threading space
- Input/output coaxial design
- Life span exceeds 7000 hours



DSC-C0



DSC-P0



DSH-P0



DSH-PH



DSH-AH



DSH-AJ

Rating Table

Item Model	Ratio	Rated torque at input 2000 r/min ※1		Peak torque at start/stop ※2		Permissible max. value of average load torque ※3		Instantaneous permissible max. torque ※4		Permissible maximum input speed	Permissible average input speed
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min
11 ※5	50	3.5	0.36	8.3	0.85	5.5	0.56	17	1.7	8500	3500
	100	5	0.51	11	1.1	8.9	0.91	25	2.6		
14	50	5.4	0.55	18	1.8	6.9	0.7	35	3.6	8500	3500
	80	7.8	0.8	23	2.4	11	1.1	47	4.8		
	100	7.8	0.8	28	2.9	11	1.1	54	5.5		
17	50	16	1.6	34	3.5	26	2.6	70	7.1	7300	3500
	80	22	2.2	43	4.4	27	2.7	87	8.9		
	100	24	2.4	54	5.5	39	4	108	11		
	120	24	2.4	54	5.5	39	4	86	8.8		
20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500
	80	34	3.5	74	7.5	47	4.8	127	13		
	100	40	4.1	82	8.4	49	5	147	15		
	120	40	4.1	87	8.9	49	5	147	15		
	160	40	4.1	92	9.4	49	5	147	15		
25	50	39	4	98	10	55	5.6	186	19	5600	3500
	80	63	6.4	137	14	87	8.9	255	26		
	100	67	6.8	157	16	108	11	284	29		
	120	67	6.8	167	17	108	11	304	31		
	160	67	6.8	176	18	108	11	314	32		
32	50	76	7.8	216	22	108	11	382	39	4800	3500
	80	118	12	304	31	167	17	568	58		
	100	137	14	333	34	216	22	647	66		
	120	137	14	353	36	216	22	686	70		
	160	137	14	372	38	216	22	686	70		
40	50	137	14	402	41	196	20	686	70	4000	3000
	80	206	21	519	53	284	29	980	100		
	100	265	27	568	58	372	38	1080	110		
	120	294	30	617	63	451	46	1180	120		
	160	294	30	647	66	451	46	1180	120		

※1 Permissible rated torque

※2 Permissible maximum torque

※3 Permissible average torque

※4 Permissible maximum value of impact

※5 Applicable to DSC-C0

DSC Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible static tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Mo		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	Nm	kgfm	kN	kgf	kN	kgf
14	4.7	480	6.1	620	4.38	1.3	41	4.2	53	5.4	1	102	0.67	68
17	5.3	540	7.6	770	7.75	2.3	64	6.5	80	8.1	1.13	115	0.76	77
20	5.8	590	9	920	12.8	3.8	91	9.3	113	11.5	1.23	125	0.83	84
25	9.6	980	15.1	1540	24.2	7.2	156	16	234	23.9	2.05	209	1.37	140
32	15	1530	25	2550	53.9	16	313	32	500	51	3.2	326	2.15	219
40	21.3	2170	36.5	3720	91	27	450	46	876	89.3	4.55	464	3.05	311

DSH Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible static tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Mo		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	Nm	kgfm	kN	kgf	kN	kgf
14	5.8	590	8.6	880	8.5	2.5	74	7.6	144	14.7	1.24	126	0.83	84
17	10.4	1060	16.3	1670	15.4	4.6	124	12.6	328	33.4	2.22	226	1.49	152
20	14.6	1490	2.0	2250	25.2	7.5	187	19.1	515	52.5	3.12	318	2.09	213
25	21.8	2230	35.8	3660	39.2	11.6	258	26.3	1070	109.1	4.66	475	3.12	318
32	38.2	3900	65.4	6680	100	29.6	580	59.1	2425	247.3	8.16	832	5.47	558
40	43.3	4410	81.6	8330	179	53.2	849	86.6	3623	369.4	9.25	943	6.2	632

DSH-AH Dimensions and Weight

Item Model	Hollow dimensions	Outer diameter	Axial height
	mm	mm	mm
14	14	74	52.5
17	19	84	56.5
20	21	95	51.5
25	29	115	55.5
32	36	147	65.5
40	46	175	79

Weight

Type	DSC-CO	DSC-PO	DSH-PO	DSH-PH	DSH-AH	DSH-AJ
Model	kg	kg	kg	kg	kg	kg
11	0.05	-	-	-	-	-
14	0.09	0.52	0.41	0.45	0.71	0.66
17	0.15	0.68	0.57	0.63	1.0	0.94
20	0.28	0.98	0.81	0.89	1.38	1.38
25	0.42	1.5	1.31	1.44	2.1	2.1
32	0.89	3.2	2.94	3.1	4.5	4.4
40	1.7	5.0	5.1	5.4	7.7	7.3

Heavy Load Series

- Torque loading increased by 30% compared to Standard Series
- Service life extended by 43% up to 10,000 hours
- Hollow shaft threading space
- Input/output coaxial design



DGC-C0



DGC-P0



DGH-P0



DGH-PH



DGH-AH



DGH-AJ

Rating Table

Item Model	Ratio	Rated torque at input 2000 r/min ※1		Peak torque at start/stop ※2		Permissible max. value of average load torque ※3		Instantaneous permissible max. torque ※4		Permissible maximum input speed	Permissible average input speed
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min
14	50	7	0.7	23	2.3	9	0.9	46	4.7	8500	3500
	80	10	1	30	3.1	14	1.4	61	6.2		
	100	10	1	36	3.7	14	1.4	70	7.2		
17	50	21	2.1	44	4.5	34	3.4	91	9	7300	3500
	80	29	2.9	56	5.7	35	3.6	113	12		
	100	31	3.2	70	7.2	51	5.2	143	15		
	120	31	3.2	70	7.2	51	5.2	112	11		
20	50	33	3.3	73	7.4	44	4.5	127	13	6500	3500
	80	44	4.5	96	9.8	61	6.2	165	17		
	100	52	5.3	107	10.9	64	6.5	191	20		
	120	52	5.3	113	11.5	64	6.5	191	20		
	160	52	5.3	120	12.2	64	6.5	191	20		
25	50	51	5.2	127	13	72	7.3	242	25	5600	3500
	80	82	8.4	178	18	113	12	332	34		
	100	87	8.9	204	21	140	14	369	38		
	120	87	8.9	217	22	140	14	395	40		
	160	87	8.9	229	23	140	14	408	42		
32	50	99	10	281	29	140	14	497	51	4800	3500
	80	153	16	395	40	217	22	738	75		
	100	178	18	433	44	281	29	841	86		
	120	178	18	459	47	281	29	892	91		
	160	178	18	484	49	281	29	892	91		
40	50	178	18	523	53	255	26	892	91	4000	3000
	80	268	27	675	69	369	38	1270	130		
	100	345	35	738	75	484	49	1400	143		
	120	382	39	802	82	586	60	1530	156		
	160	382	39	841	86	586	60	1530	156		

※1 Permissible rated torque

※2 Permissible maximum torque

※3 Permissible average torque

※4 Permissible maximum value of impact

DGC Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible static tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Mo		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	Nm	kgfm	kN	kgf	kN	kgf
14	4.7	480	6.1	620	4.38	1.3	41	4.2	53	5.4	1	102	0.67	68
17	5.3	540	7.6	770	7.75	2.3	64	6.5	80	8.1	1.13	115	0.76	77
20	5.8	590	9	920	12.8	3.8	91	9.3	113	11.5	1.23	125	0.83	84
25	9.6	980	15.1	1540	24.2	7.2	156	15.9	234	23.9	2.05	209	1.37	140
32	15	1530	25	2550	53.9	16	313	31.9	500	51	3.2	326	2.15	219
40	21.3	2170	36.5	3720	91	27	450	45.9	876	89.3	4.55	464	3.05	311

DGH Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible static tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Mo		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	Nm	kgfm	kN	kgf	kN	kgf
14	5.8	590	8.6	880	8.5	2.5	74	7.6	144	14.7	1.24	126	0.83	84
17	10.4	1060	16.3	1670	15.4	4.6	124	12.6	328	33.4	2.22	226	1.49	152
20	14.6	1490	2	2250	25.2	7.5	187	19.1	515	52.5	3.12	318	2.09	213
25	21.8	2230	35.8	3660	39.2	11.6	258	26.3	1070	109.1	4.66	475	3.12	318
32	38.2	3900	65.4	6680	100	29.6	580	59.1	2425	247.3	8.16	832	5.47	558
40	43.3	4410	81.6	8330	179	53.2	849	86.6	3623	369.4	9.25	943	6.2	632

DGH-AH Dimensions and Weight

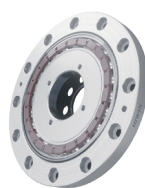
Item Model	Hollow dimensions	Outer diameter	Axial height
	mm	mm	mm
14	14	74	52.5
17	19	84	56.5
20	21	95	51.5
25	29	115	55.5
32	36	147	65.5
40	46	175	79

Weight

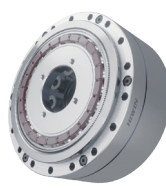
Type	DGC-CO	DGC-PO	DGH-PO	DGH-PH	DGH-AH	DGH-AJ
Model	kg	kg	kg	kg	kg	kg
11	0.05	-	-	-	-	-
14	0.09	0.52	0.41	0.45	0.71	0.66
17	0.15	0.68	0.57	0.63	1.0	0.94
20	0.28	0.98	0.81	0.89	1.38	1.38
25	0.42	1.5	1.31	1.44	2.1	2.1
32	0.89	3.2	2.94	3.1	4.5	4.4
40	1.7	5.0	5.1	5.4	7.7	7.3

Thin Series

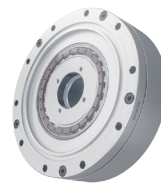
- Height reduced by 50% compared to Standard Series
- Compact structure, optimized space design
- Life span exceeds 7000 hours



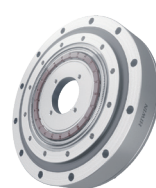
DTC-CE



DTC-PE



DTC-PE-M



DTH-PE

Rating Table

Item Model	Ratio	Rated torque at input 2000 r/min ※1		Peak torque at start/stop ※2		Permissible max. value of average load torque ※3		Instantaneous permissible max. torque ※4		Permissible maximum input speed	Permissible average input speed
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min
14	50	3.7	0.38	12	1.2	4.8	0.49	24	2.4	8500	3500
	100	5.4	0.55	19	1.9	7.7	0.79	35[31]	3.6[3.2]		
17	50	11	1.1	23	2.3	18	1.8	48	4.9	7300	3500
	100	16	1.6	37	3.8	27	2.8	71[55]	7.2[5.6]		
20	50	17	1.7	39	4	24	2.4	69	7	6500	3500
	100	28	2.9	57	5.8	34	3.5	95[76]	9.7[7.7]		
	160	28	2.9	64	6.5	34	3.5	95[76]	9.7[7.7]		
25	50	27	2.8	69	7	38	3.9	127	13	5600	3500
	100	47	4.8	110	11	75	7.6	184[152]	19[15]		
	160	47	4.8	123	13	75	7.6	204[152]	21[15]		
32	50	53	5.4	151	15	75	7.6	268	27	4800	3500
	100	96	9.8	233	24	151	15	420[359]	43[37]		
	160	96	9.8	261	27	151	15	445[359]	45[37]		

※1 Permissible rated torque

※2 Permissible maximum torque

※3 Permissible average torque

※4 Permissible maximum value of impact

※5 () is the DTC-CE value

DTC-PE Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	kN	kgf	kN	kgf
14	4.7	480	6.07	620	4.38	1.3	41	4.2	1.01	103	0.674	68.7
17	5.29	540	7.55	770	7.75	2.3	64	6.5	1.13	115	0.758	77.3
20	5.78	590	9	920	12.8	3.8	91	9.3	1.24	126	0.828	84.4
25	9.6	980	15.1	1540	24.2	7.2	156	16	2.05	209	1.38	141
32	15	1530	25	2550	53.9	16	313	32	3.21	327	2.15	219

DTC-PE-M Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	kN	kgf	kN	kgf
14	5.78	590	9	920	12.8	3.8	91	9.3	1.24	126	0.828	84.4
17	10.4	1060	16.3	1670	15.4	4.6	124	12.6	2.22	226	1.49	152
20	14.6	1490	22	2250	25.2	7.5	187	19.1	3.12	318	2.09	213
25	21.8	2230	35.8	3660	39.2	11.6	258	26.3	4.66	475	3.12	318
32	38.2	3900	65.4	6680	100	29.6	580	59.1	8.17	833	5.47	558

DTH Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	kN	kgf	kN	kgf
14	2.9	296	4.3	438	7.08	2.1	37	3.8	0.62	63.2	0.42	42.8
17	5.2	530	8.1	826	12.7	3.8	62	6.3	1.11	113	0.74	75.4
20	7.3	744	11	1122	21	6.2	93	9.5	1.56	159	1.05	107
25	10.9	1111	17.9	1825	31	9.2	129	13.2	2.33	237	1.56	159
32	19.1	1948	32.7	3334	82.1	24.4	290	29.6	4.08	416	2.73	278

DTC-PE-M Type Dimensions

Item Model	Hollow dimensions	Outer diameter	Axial height
	mm	mm	mm
14	9	70	22
17	9	80	22.7
20	18	90	26.8
25	22	110	31.5
32	29	142	37

DTH-PE Type Dimensions

Item Model	Hollow dimensions	Outer diameter	Axial height
	mm	mm	mm
14	11	70	17.5
17	15	80	18.5
20	20	90	19
25	24	110	22
32	32	142	27.9

Weight

Type Model	DTC-CE	DTC-PE	DTC-PE-M	DTH-PE
	kg	kg	kg	kg
14	0.06	0.35	0.5	0.33
17	0.10	0.46	0.66	0.42
20	0.13	0.65	0.94	0.52
25	0.24	1.2	1.7	0.91
32	0.51	2.4	3.3	1.87

Lightweight Series

- Weight reduced by 40% compared to Standard Series
- High precision, zero backlash
- Simple type offers higher flexibility for users



DLC-CE

Rating Table

Item Model	Ratio	Rated torque at input 2000 r/min ※1		Peak torque at start/stop ※2		Permissible max. value of average load torque ※3		Instantaneous permissible max. torque ※4		Permissible maximum input speed	Permissible average input speed
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min
14	50	5.4	0.55	18	1.8	6.9	0.7	35	3.6	8500	3500
	80	7.8	0.8	23	2.4	11	1.1	47	4.8		
	100	7.8	0.8	28	2.9	11	1.1	54	5.5		
17	50	16	1.6	34	3.5	26	2.6	70	7.1	7300	3500
	80	22	2.2	43	4.4	27	2.7	87	8.9		
	100	24	2.4	54	5.5	39	4	110	11		
	120	24	2.4	54	5.5	39	4	86	8.8		
20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500
	80	34	3.5	74	7.5	47	4.8	127	13		
	100	40	4.1	82	8.4	49	5	147	15		
	120	40	4.1	87	8.9	49	5	147	15		
	160	40	4.1	92	9.4	49	5	147	15		
25	50	39	4	98	10	55	5.6	186	19	5600	3500
	80	63	6.4	137	14	87	8.9	255	26		
	100	67	6.8	157	16	108	11	284	29		
	120	67	6.8	167	17	108	11	304	31		
	160	67	6.8	176	17.9	108	11	314	32		
32	50	76	7.8	216	22	108	11	382	39	4800	3500
	80	118	12	304	31	167	17	568	58		
	100	137	14	333	34	216	22	647	66		
	120	137	14	353	36	216	22	686	70		
	160	137	14	372	38	216	22	686	70		

※1 Permissible rated torque

※2 Permissible maximum torque

※3 Permissible average torque

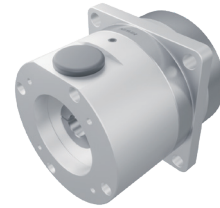
※4 Permissible maximum value of impact

DLC-CE Dimensions and Weight

Item Model	Hollow dimensions	Outer diameter	Axial height	Weight
	mm	mm	mm	kg
14	13.5	50	23.5	0.055
17	18	60	26.5	0.1
20	21	70	29	0.14
25	26	85	34	0.24
32	36	110	42	0.54

Quick Installation Series

- Motor plug-and-play user friendly design
- Save 100% of user assembly time
- Sealed type with output bearing and IP65 protection



DSC-AQ

Rating Table

Item Model	Ratio	Rated torque at input 2000 r/min ※1		Peak torque at start/stop ※2		Permissible max. value of average load torque ※3		Instantaneous permissible max. torque ※4		Permissible maximum input speed	Permissible average input speed
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min
14	50	5.4	0.55	18	1.8	6.9	0.7	35	3.6	8500	3500
	80	7.8	0.8	23	2.4	11	1.1	47	4.8		
	100	7.8	0.8	28	2.9	11	1.1	54	5.5		
17	50	16	1.6	34	3.5	26	2.6	70	7.1	7300	3500
	80	22	2.2	43	4.4	27	2.7	87	8.9		
	100	24	2.4	54	5.5	39	4	108	11		
	120	24	2.4	54	5.5	39	4	86	8.8		
20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500
	80	34	3.5	74	7.5	47	4.8	127	13		
	100	40	4.1	82	8.4	49	5	147	15		
	120	40	4.1	87	8.9	49	5	147	15		
	160	40	4.1	92	9.4	49	5	147	15		
25	50	39	4	98	10	55	5.6	186	19	5600	3500
	80	63	6.4	137	14	87	8.9	255	26		
	100	67	6.8	157	16	108	11	284	29		
	120	67	6.8	167	17	108	11	304	31		
	160	67	6.8	176	18	108	11	314	32		
32	50	76	7.8	216	22	108	11	382	39	4800	3500
	80	118	12	304	31	167	17	568	58		
	100	137	14	333	34	216	22	647	66		
	120	137	14	353	36	216	22	686	70		
	160	137	14	372	38	216	22	686	70		

※1 Permissible rated torque

※2 Permissible maximum torque

※3 Permissible average torque

※4 Permissible maximum value of impact

DSC-AQ Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	kN	kgf	kN	kgf
14	5.11	521	7.06	720	3	0.89	27	2.76	1.09	111.45	0.73	74.6
17	5.5	560	8.9	910	6.1	1.81	37	3.77	1.18	120.3	0.79	80.6
20	10.6	1082	17.3	1765	17	5	145	14.8	2.27	231.17	1.52	154.9
25	15.0	1529	24.3	2483	19.3	5.7	201	20.5	3.2	326.3	2.14	218.2
32	20.5	2092	32.8	3347	42	12	258	26.3	4.38	447.14	2.94	299.6

Dimensions and Weight

Type Model	Frame size	Weight
	mm	kg
14	□ 60	0.76
17	□ 75	1.1
20	□ 90	1.9
25	□ 105	3.2
32	□ 120	5

High Tilting Moment Series

- Tilting moment increased by 80% compared to Standard Series
- High precision, zero backlash
- Life span exceeds 7000 hours



DSC-P0-M



DSC-AJ-M

Rating Table

Item Model	Ratio	Rated torque at input 2000 r/min ※1		Peak torque at start/stop ※2		Permissible max. value of average load torque ※3		Instantaneous permissible max. torque ※4		Permissible maximum input speed	Permissible average input speed
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min
14	50	5.4	0.55	18	1.8	6.9	0.7	35	3.6	8500	3500
	80	7.8	0.8	23	2.4	11	1.1	47	4.8		
	100	7.8	0.8	28	2.9	11	1.1	54	5.5		
17	50	16	1.6	34	3.5	26	2.6	70	7.1	7300	3500
	80	22	2.2	43	4.4	27	2.7	87	8.9		
	100	24	2.4	54	5.5	39	4	110	11		
	120	24	2.4	54	5.5	39	4	86	8.8		
20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500
	80	34	3.5	74	7.5	47	4.8	127	13		
	100	40	4.1	82	8.4	49	5	147	15		
	120	40	4.1	87	8.9	49	5	147	15		
	160	40	4.1	92	9.4	49	5	147	15		
25	50	39	4	98	10	55	5.6	186	19	5600	3500
	80	63	6.4	137	14	87	8.9	255	26		
	100	67	6.8	157	16	108	11	284	29		
	120	67	6.8	167	17	108	11	304	31		
	160	67	6.8	176	18	108	11	314	32		
32	50	76	7.8	216	22	108	11	382	39	4800	3500
	80	118	12	304	31	167	17	568	58		
	100	137	14	333	34	216	22	647	66		
	120	137	14	353	36	216	22	686	70		
	160	137	14	372	38	216	22	686	70		
40	50	137	14	402	41	196	20	686	70	4000	3000
	80	206	21	519	53	284	29	980	100		
	100	265	27	568	58	372	38	1080	110		
	120	294	30	617	63	451	46	1180	120		
	160	294	30	647	66	451	46	1180	120		

※1 Permissible rated torque

※2 Permissible maximum torque

※3 Permissible average torque

※4 Permissible maximum value of impact

DSC-PO-M / DSC-AJ-M Type with Crossed Roller Bearing

Item Model	Basic dynamic load ratings		Basic static load ratings		Moment rigidity		Permissible dynamic tilting moment		Permissible static tilting moment		Permissible axial load		Permissible radial load	
	C		Co		K		M		Mo		Fa		Fr	
	kN	kgf	kN	kgf	X10 ⁴ Nm/rad	kgfm/arc min	Nm	kgfm	Nm	kgfm	kN	kgf	kN	kgf
14	8.25	840	11.4	1160	7.9	2.4	73	7.5	155	15.8	2.03	207	1.36	139
17	10.7	1090	14.8	1510	13.7	4.1	114	11.6	276	28.1	2.29	234	1.53	156
20	21	2140	27	2750	24	7.1	172	17.5	603	61.5	4.49	458	3.01	307
25	21.8	2230	35.8	3660	39	11.6	254	25.9	1050	107	5.3	540	3.55	362
32	34.5	3520	59	6020	120.3	35.7	578	58.9	2242	229	9.36	954	6.27	639
40	43.3	4415	81.6	8320	179.4	53.2	886	90.3	3645	372	10.36	1056	6.94	708

Dimensions and Weight

Type Model	Outer diameter	Weight for DSC-PO-M	Weight for DSC-AJ-M
	mm	kg	kg
14	78	0.54	0.64
17	88	0.79	0.95
20	98	1.3	1.4
25	116	1.95	2.5
32	148	3.9	5.4
40	180	6.9	8.8

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