

Kaydon Slewing Bearings-RK/MT/KH/HS Series

Kaydon Series	Part number	Outline dimensions (in)							weight (lbs)	Fixing holes						Gear data inv. stub, $\alpha = 20^\circ$				Moment rating Crm(ft-lb)
		D _o	d _i	H	D _r	D _i	d _o	d _r		Lo(in)	no	Bo(in)	Li(in)	ni	Bi(in)	D ₂ (in)	m	z	Fz	
RK -No Gear	RK6-16P1Z	20.39	11.97	2.205	17.87	16.22	16.14	14.49	58	19.25	8	-	13.13	12	-	-	-	-	-	22700
	RK6-22P1Z	25.51	17.09	2.205	22.99	21.34	21.26	19.61	76	24.38	12	-	18.13	15	-	-	-	-	-	37700
	RK6-25P1Z	29.45	21.03	2.205	26.93	25.28	25.2	23.55	89	28.38	12	-	22.13	18	-	-	-	-	-	49800
	RK6-29P1Z	33.39	24.97	2.205	30.87	29.22	29.14	27.49	104	32.25	15	-	26.13	18	-	-	-	-	-	54200
	RK6-33P1Z	37.32	28.9	2.205	34.8	33.15	33.07	31.42	118	36.25	18	-	30	18	-	-	-	-	-	56500
	RK6-37P1Z	41.26	32.84	2.205	38.74	37.09	37.01	35.36	132	40.13	18	-	34	20	-	-	-	-	-	65200
	RK6-43P1Z	47.17	38.75	2.205	44.65	43	42.92	41.27	153	46	18	-	39.88	24	-	-	-	-	-	75500
RK -Internal gear	RK6-16N1Z	20.39	12.85	2.205	17.87	16.22	16.14	-	65	19.25	8	-	14.88	12	-	13.3	4	53	6800	22700
	RK6-22N1Z	25.51	17.6	2.205	22.99	21.34	21.26	-	90	24.38	10	-	19.63	15	-	18	4	72	6530	37700
	RK6-25N1Z	29.45	21.6	2.205	26.93	25.28	25.2	-	106	28.38	12	-	23.63	18	-	22	4	88	6400	49800
	RK6-29N1Z	33.39	25.6	2.205	30.87	29.22	29.14	-	121	32.25	15	-	27.63	18	-	26	4	104	6300	54200
	RK6-33N1Z	37.32	29.13	2.205	34.8	33.15	33.07	-	148	36.25	18	-	31.5	18	-	29.7	3	89	8520	56500
	RK6-37N1Z	41.26	33.13	2.205	38.74	37.09	37.01	-	165	40.13	18	-	35.5	20	-	33.7	3	101	8420	65200
	RK6-43N1Z	47.17	39.13	2.205	44.65	43	42.92	-	188	46	18	-	41.5	24	-	39.7	3	119	8340	75500
RK -External gear	RK6-16E1Z	19.9	11.97	2.205	-	16.22	16.14	14.49	72	18	8	-	13.13	12	-	19.5	4	78	5560	22700
	RK6-22E1Z	25.15	17.09	2.205	-	21.34	21.26	19.61	96	23.25	12	-	18.13	15	-	24.8	4	99	5650	37700
	RK6-25E1Z	29.15	21.03	2.205	-	25.28	25.2	23.55	115	27.25	15	-	22.13	18	-	28.8	4	115	5700	49800
	RK6-29E1Z	32.9	24.97	2.205	-	29.22	29.14	27.49	128	31	18	-	26.13	18	-	32.5	4	130	5740	54200
	RK6-33E1Z	37.2	28.9	2.205	-	33.15	33.07	31.42	152	35	18	-	30	18	-	36.7	3	110	7580	56500
	RK6-37E1Z	41.2	32.84	2.205	-	37.09	37.01	35.36	172	38.88	18	-	34	20	-	40.7	3	122	7620	65200
	RK6-43E1Z	46.87	38.75	2.205	-	43	42.92	41.27	189	44.63	20	-	39.88	24	-	46.3	3	139	7680	75500
	MTO-050	4.331	1.968	0.787	-	-	-	-	2	3.818	8	0.26	2.48	8	0.26	-	-	-	-	830
	MTO-050T	4.331	1.968	0.787	-	-	-	-	2	3.818	8	M6	2.48	8	M6	-	-	-	-	830
	MTO-065	5.315	2.559	0.866	-	-	-	-	4	4.724	8	0.354	3.149	8	0.354	-	-	-	-	1330
	MTO-065T	5.315	2.559	0.866	-	-	-	-	4	4.724	8	M8	3.149	8	M8	-	-	-	-	1330

MTO -No Gear	MTO-122	8.898	4.803	1.339	-	-	-	-	13	8.189	12	0.354	5.512	12	0.354	-	-	-	-	5020
	MTO-122T	8.898	4.803	1.339	-	-	-	-	13	8.189	12	M8	5.512	12	M8	-	-	-	-	5020
	MTO-143	9.803	5.63	1.339	-	-	-	-	15	8.937	12	0.433	6.496	12	0.433	-	-	-	-	8950
	MTO-143T	9.803	5.63	1.339	-	-	-	-	15	8.937	12	M10	6.496	12	M10	-	-	-	-	8950
	MTO-145	11.81	5.709	1.968	-	-	-	-	37	10.63	16	0.562	6.89	16	0.562	-	-	-	-	26000
	MTO-145T	11.81	5.709	1.968	-	-	-	-	37	10.63	16	5/8-11	6.89	16	5/8-11	-	-	-	-	26000
	MTO-145X	12.29	5.709	1.968	-	-	-	-	41	10.63	16	0.594	6.89	16	0.594	-	-	-	-	30600
	MTO-170	12.21	6.693	1.811	-	-	-	-	33	11.02	12	0.512	7.874	12	0.512	-	-	-	-	16520
	MTO-170T	12.21	6.693	1.811	-	-	-	-	33	11.02	12	M12	7.874	12	M12	-	-	-	-	16520
	MTO-210	14.37	8.268	1.575	-	-	-	-	38	13.19	16	0.562	9.449	20	0.562	-	-	-	-	44500
	MTO-210T	14.37	8.268	1.575	-	-	-	-	38	13.19	16	5/8-11	9.449	20	5/8-11	-	-	-	-	44500
	MTO-210X	14.69	8.268	1.968	-	-	-	-	48	13.19	16	0.594	9.449	20	0.594	-	-	-	-	52100
	MTO-265	16.54	10.43	1.968	-	-	-	-	54	15.35	18	0.562	11.61	24	0.562	-	-	-	-	62000
	MTO-265T	16.54	10.43	1.968	-	-	-	-	54	15.35	18	5/8-11	11.61	24	5/8-11	-	-	-	-	62000
	MTO-265X	17.09	10.43	1.968	-	-	-	-	61	15.35	18	0.594	11.61	24	0.594	-	-	-	-	71900
	MTO-324T	20.49	12.75	2.062	-	-	-	-	105	18.88	20	5/8-11	14.38	20	5/8-11	-	-	-	-	102400
MTO-324X	20.49	12.77	2.375	-	-	-	-	105	18.88	20	0.688	14.38	20	0.688	-	-	-	-	102400	
MTE -External	MTE-145	12.286	5.709	1.968	-	-	-	-	38	10.630	16	0.562	6.890	16	0.562	2.000	5/7	60	7140	26000
	MTE-145T	12.286	5.709	1.968	-	-	-	-	38	10.630	16	5/8-11	6.890	16	5/8-11	2.000	5/7	60	7140	26000
	MTE-145X	12.286	5.709	1.968	-	-	-	-	38	10.630	16	0.594	6.890	16	0.594	2.000	5/7	60	7140	30600
	MTE-210	14.686	8.268	1.575	-	-	-	-	38	13.190	16	0.562	9.449	20	0.562	4.400	5/7	72	5810	44500
	MTE-210T	14.686	8.268	1.575	-	-	-	-	38	13.190	16	5/8-11	9.449	20	5/8-11	4.400	5/7	72	5810	44500
	MTE-210X	14.686	8.268	1.968	-	-	-	-	44	13.190	16	0.594	9.449	20	0.594	4.400	5/7	72	7290	52100
	MTE-265	17.086	10.433	1.968	-	-	-	-	57	15.354	18	0.562	11.614	24	0.562	6.800	5/7	84	7330	62000
	MTE-265T	17.086	10.433	1.968	-	-	-	-	57	15.354	18	5/8-11	11.614	24	5/8-11	6.800	5/7	84	7330	62000
	MTE-265X	17.086	10.433	1.968	-	-	-	-	57	15.354	18	0.594	11.614	24	0.594	6.800	5/7	84	7330	71900
	MTE-324T	20.486	12.750	2.062	-	-	-	-	98	18.875	20	5/8-11	14.375	20	5/8-11	0.200	5/7	101	8700	102400
	MTE-324X	20.486	12.770	2.375	-	-	-	-	99	18.875	20	0.688	14.375	20	0.688	0.200	5/7	101	8863	102400
MTE-415	24.650	16.250	2.375	-	-	-	-	132	22.250	16	0.813	17.750	20	0.813	4.250	4	97	10420	159200	
MTE-415T	24.650	16.250	2.375	-	-	-	-	132	22.250	16	3/4-10	17.750	20	3/4-10	4.250	4	97	10420	159200	

Gear	MTE-470	26.900	18.500	2.375	-	-	-	-	147	24.500	18	0.813	20.000	24	0.813	6.500	4	106	10460	191600
	MTE-470T	26.900	18.500	2.375	-	-	-	-	147	24.500	18	3/4-10	20.000	24	3/4-10	6.500	4	106	10460	191600
	MTE-540	29.650	21.250	2.375	-	-	-	-	163	27.250	24	0.813	22.750	28	0.813	9.250	4	117	10520	232000
	MTE-540T	29.650	21.250	2.375	-	-	-	-	163	27.250	24	3/4-10	22.750	28	3/4-10	9.250	4	117	10520	232000
	MTE-590	33.534	23.125	2.875	-	-	-	-	283	30.625	18	0.938	24.875	24	0.938	3.000	3	99	17290	338700
	MTE-590T	33.534	23.125	2.875	-	-	-	-	283	30.625	18	7/8-9	24.875	24	7/8-9	3.000	3	99	17290	338700
	MTE-705	38.201	27.750	2.875	-	-	-	-	325	35.250	24	0.938	29.500	28	0.938	7.667	3	113	17390	443200
	MTE-705T	38.201	27.750	2.875	-	-	-	-	325	35.250	24	7/8-9	29.500	28	7/8-9	7.667	3	113	17390	443200
	MTE-730	41.850	28.750	3.250	-	-	-	-	491	38.000	20	1.063	31.000	24	1.063	1.200	2.5	103	21290	588000
	MTE-730T	41.850	28.750	3.250	-	-	-	-	491	38.000	20	1-8	31.000	24	1-8	1.200	2.5	103	21290	588000
	MTE-870	47.444	34.250	4.250	-	-	-	-	771	43.875	24	1.188	36.250	28	1.188	6.800	2.5	117	31620	873800
MTE-870T	47.444	34.250	4.250	-	-	-	-	771	43.875	24	1 1/8-7	36.250	28	1 1/8-7	6.800	2.5	117	31620	873800	
KH -No Gear	KH-125P	16.5	8.625	2.5	-	12.75	12.25	-	80	14.75	16	-	10.25	16	-	-	-	-	-	-
	KH-166P	20.5	12.75	2.5	-	16.88	16.38	-	105	18.88	20	-	14.38	20	-	-	-	-	-	-
	KH-225P	26.7	18.5	2.5	-	22.75	22.25	-	150	24.5	18	-	20.5	18	-	-	-	-	-	-
	KH-275P	31.7	23.5	2.5	-	27.75	27.25	-	185	29.5	24	-	25.5	24	-	-	-	-	-	-
	KH-325P	36.7	28.5	2.5	-	32.75	32.25	-	220	34.5	28	-	30.5	28	-	-	-	-	-	-
KH -External Gear	KH-125E	16.5	8.625	2.5	-	12.75	12.25	-	75	14.75	16	-	10.25	16	-	16.2	2	97	5480	-
	KH-166E	20.5	12.75	2.5	-	16.88	16.38	-	100	18.88	20	-	14.38	20	-	20.2	2	121	5570	-
	KH-225E	26.67	18.5	2.5	-	22.75	22.25	-	140	24.5	18	-	20.5	18	-	26.3	2	158	5670	-
	KH-275E	31.67	23.5	2.5	-	27.75	27.25	-	175	29.5	24	-	25.5	24	-	31.3	2	188	5700	-
	KH-325E	36.67	28.5	2.5	-	32.75	32.25	-	205	34.5	28	-	30.5	28	-	36.3	2	218	5730	-
HS -No Gear	HS6-16P1Z	20.4	12	2.2	-	-	-	-	103	19	8	-	13.5	12	-	-	-	-	-	50500
	HS6-21P1Z	25.5	17	2.2	-	-	-	-	137	24	12	-	18.5	15	-	-	-	-	-	72700
	HS6-25P1Z	29.5	21	2.2	-	-	-	-	162	28	15	-	22.5	18	-	-	-	-	-	91800
	HS6-29P1Z	33.4	25	2.2	-	-	-	-	186	32	15	-	26.5	18	-	-	-	-	-	111900
	HS6-33P1Z	37.4	28.83	2.2	-	-	-	-	216	35.75	18	-	30.5	20	-	-	-	-	-	128000
	HS6-37P1Z	41.25	32.83	2.2	-	-	-	-	233	39.75	18	-	34.38	20	-	-	-	-	-	130900
	HS6-43P1Z	47.18	38.75	2.2	-	-	-	-	269	45.62	20	-	40.25	24	-	-	-	-	-	139900
	HS6-16N1Z	20.4	12.85	2.2	-	-	-	-	92	19	8	-	14.88	16	-	13.3	4	53	6084	50500

HS -Internal gear	HS6-21N1Z	25.5	17.6	2.2	-	-	-	-	117	24	12	-	19.63	20	-	18	4	72	5842	72700
	HS6-25N1Z	29.5	21.6	2.2	-	-	-	-	148	28	15	-	23.63	24	-	22	4	88	5719	91800
	HS6-29N1Z	33.4	25.6	2.2	-	-	-	-	171	32	15	-	27.63	28	-	26	4	104	5634	111900
	HS6-33N1Z	37.4	29.13	2.2	-	-	-	-	205	35.75	18	-	31.5	30	-	29.7	3	89	7617	128000
	HS6-37N1Z	41.25	33.13	2.2	-	-	-	-	226	39.75	18	-	35.5	32	-	33.7	3	101	7531	130900
	HS6-43N1Z	47.18	39.13	2.2	-	-	-	-	253	45.62	20	-	41.5	36	-	39.7	3	119	7437	139900
HS -External gear	HS6-16E1Z	19.9	12	2.2	-	-	-	-	85	18	14	-	13.5	12	-	19.5	4	78	4981	50500
	HS6-21E1Z	25.15	17	2.2	-	-	-	-	108	23.25	18	-	18.5	15	-	24.8	4	99	5076	72700
	HS6-25E1Z	29.15	21	2.2	-	-	-	-	137	27.25	20	-	22.5	18	-	28.8	4	115	5127	91800
	HS6-29E1Z	32.9	25	2.2	-	-	-	-	158	31	24	-	26.5	18	-	32.5	4	130	5164	111900
	HS6-33E1Z	37.2	28.83	2.2	-	-	-	-	188	35	28	-	30.5	20	-	36.7	3	110	6817	128000
	HS6-37E1Z	41.2	32.83	2.2	-	-	-	-	207	38.88	28	-	34.38	20	-	40.7	3	122	6860	130900
HS6-43E1Z	46.87	38.75	2.2	-	-	-	-	237	44.63	32	-	40.25	24	-	46.3	3	139	6910	139900	