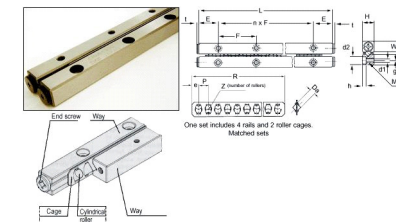




MBA

Crossed Roller Way



For precise linear motion.

Maximum Speed: 0.5 m/sec (30m/min).

Temperature: +100 °C (Constant), +140 °C (Maximum).

For temperatures over 100 °C we can supply special high temperature grease (200 °C - supplied in syringe) CG2-SY.

Crossed Roller Way

Part Number	Height Assembled (A) mm	Width (H) mm	Length (L) Mtg. Holes (n x F) mm	Roller Width (Da) mm	Cage Length (R) mm	Number of Rollers (z)	Distance Between Rollers (P) mm	Screw Size (M)	Basic Static Rating N	Allowable Load N
# CRW1-20	8.50 <i>0.335</i>	4.00 <i>0.157</i>	20(1x10) <i>isobee</i>	1.50 <i>0.059</i>	16.50 <i>isobee</i>	5	3.00 <i>0.118</i>	M2	119	39.6
# CRW1-30	8.50 <i>0.335</i>	4.00 <i>0.157</i>	30(1x10)	1.50 <i>0.059</i>	25.50 <i>1.004</i>	8	3.00 <i>0.118</i>	M2	119	39.6
# CRW1-40	8.50 <i>0.335</i>	4.00 <i>0.157</i>	40(1x10)	1.50 <i>0.059</i>	31.50 <i>1.240</i>	10	3.00 <i>0.118</i>	M2	119	39.6
# CRW1-50	8.50 <i>0.335</i>	4.00 <i>0.157</i>	50(1x10)	1.50 <i>0.059</i>	37.50 <i>1.476</i>	12	3.00 <i>0.118</i>	M2	119	39.6

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Crossed Roller Way

Part Number	Height Assembled (A) mm	Width (H) mm	Length (L) Mtg. Holes (n x F) mm	Roller Width (Da) mm	Cage Length (R) mm	Number of Rollers (z)	Distance Between Rollers (P) mm	Screw Size (M)	Basic Static Rating N	Allowable Load N
# CRW1-60	8.50 <i>0.335</i>	4.00 <i>0.157</i>	60(1x10)	1.50 <i>0.059</i>	43.50 <i>1.713</i>	14	3.00 <i>0.118</i>	M2	119	39.6
# CRW1-70	8.50 <i>0.335</i>	4.00 <i>0.157</i>	70(1x10)	1.50 <i>0.059</i>	52.50 <i>2.067</i>	17	3.00 <i>0.118</i>	M2	119	39.6
# CRW1-80	8.50 <i>0.335</i>	4.00 <i>0.157</i>	80(1x10)	1.50 <i>0.059</i>	61.50 <i>2.421</i>	20	3.00 <i>0.118</i>	M2	119	39.6
# CRW2-30	12.00 <i>0.472</i>	6.00 <i>0.236</i>	30(1x15)	2.00 <i>0.079</i>	29.60 <i>1.165</i>	7	4.00 <i>0.157</i>	M3	292	97.3
# CRW2-45	12.00 <i>0.472</i>	6.00 <i>0.236</i>	45(2x15)	2.00 <i>0.079</i>	41.60 <i>1.638</i>	10	4.00 <i>0.157</i>	M3	292	97.3
# CRW2-60	12.00 <i>0.472</i>	6.00 <i>0.236</i>	60(3x15)	2.00 <i>0.079</i>	53.60 <i>2.110</i>	13	4.00 <i>0.157</i>	M3	292	97.3
# CRW2-75	12.00 <i>0.472</i>	6.00 <i>0.236</i>	75(4x15)	2.00 <i>0.079</i>	65.60 <i>2.583</i>	16	4.00 <i>0.157</i>	M3	292	97.3
# CRW2-90	12.00 <i>0.472</i>	6.00 <i>0.236</i>	90(5x15)	2.00 <i>0.079</i>	77.60 <i>3.055</i>	19	4.00 <i>0.157</i>	M3	292	97.3
# CRW2-105	12.00 <i>0.472</i>	6.00 <i>0.236</i>	105(6x15)	2.00 <i>0.079</i>	89.60 <i>3.528</i>	22	4.00 <i>0.157</i>	M3	292	97.3
# CRW2-120	12.00 <i>0.472</i>	6.00 <i>0.236</i>	120(7x15)	2.00 <i>0.079</i>	101.60 <i>4.000</i>	25	4.00 <i>0.157</i>	M3	292	97.3

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Crossed Roller Way

Part Number	Height Assembled (A) mm	Width (H) mm	Length (L) Mtg. Holes (n x F) mm	Roller Width (Da) mm	Cage Length (R) mm	Number of Rollers (z)	Distance Between Rollers (P) mm	Screw Size (M)	Basic Static Rating N	Allowable Load N
# CRW3-50	18.00 <i>0.709</i>	8.00 <i>0.315</i>	50(1x25)	3.00 <i>0.118</i>	42.00 <i>1.654</i>	8	5.00 <i>0.197</i>	M4	606	202
# CRW3-75	18.00 <i>0.709</i>	8.00 <i>0.315</i>	75(2x25)	3.00 <i>0.118</i>	62.00 <i>2.441</i>	12	5.00 <i>0.197</i>	M4	606	202
# CRW3-100	18.00 <i>0.709</i>	8.00 <i>0.315</i>	100(3x25)	3.00 <i>0.118</i>	82.00 <i>3.228</i>	16	5.00 <i>0.197</i>	M4	606	202
# CRW3-125	18.00 <i>0.709</i>	8.00 <i>0.315</i>	125(4x25)	3.00 <i>0.118</i>	102.00 <i>4.016</i>	20	5.00 <i>0.197</i>	M4	606	202
# CRW3-150	18.00 <i>0.709</i>	8.00 <i>0.315</i>	150(5x25)	3.00 <i>0.118</i>	142.00 <i>5.591</i>	24	5.00 <i>0.197</i>	M4	606	202
# CRW3-175	18.00 <i>0.709</i>	8.00 <i>0.315</i>	175(6x25)	3.00 <i>0.118</i>	142.00 <i>5.591</i>	28	5.00 <i>0.197</i>	M4	606	202
# CRW3-200	18.00 <i>0.709</i>	8.00 <i>0.315</i>	200(7x25)	3.00 <i>0.118</i>	162.00 <i>6.378</i>	32	5.00 <i>0.197</i>	M4	606	202
# CRW3-225	18.00 <i>0.709</i>	8.00 <i>0.315</i>	225(8x25)	3.00 <i>0.118</i>	182.00 <i>7.165</i>	36	5.00 <i>0.197</i>	M4	606	202
# CRW3-250	18.00 <i>0.709</i>	8.00 <i>0.315</i>	255(9x25)	3.00 <i>0.118</i>	202.00 <i>7.953</i>	40	5.00 <i>0.197</i>	M4	606	202
# CRW3-275	18.00 <i>0.709</i>	8.00 <i>0.315</i>	275(10x25)	3.00 <i>0.118</i>	222.00 <i>8.740</i>	44	5.00 <i>0.197</i>	M4	606	202

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Crossed Roller Way

Part Number	Height Assembled (A) mm	Width (H) mm	Length (L) Mtg. Holes (n x F) mm	Roller Width (Da) mm	Cage Length (R) mm	Number of Rollers (z)	Distance Between Rollers (P) mm	Screw Size (M)	Basic Static Rating N	Allowable Load N
# CRW3-300	18.00 <i>0.709</i>	8.00 <i>0.315</i>	300(11x25)	3.00 <i>0.118</i>	242.00 <i>9.528</i>	48	5.00 <i>0.197</i>	M4	606	202
# CRW4-80	22.00 <i>0.866</i>	11.00 <i>0.433</i>	80(1x25)	6.00 <i>0.236</i>	73.00 <i>2.874</i>	10	7.00 <i>0.276</i>	M5	1170	389
# CRW4-120	22.00 <i>0.866</i>	11.00 <i>0.433</i>	120(2x25)	6.00 <i>0.236</i>	101.00 <i>3.976</i>	14	7.00 <i>0.276</i>	M5	1170	389
# CRW4-160	22.00 <i>0.866</i>	11.00 <i>0.433</i>	160(3x25)	6.00 <i>0.236</i>	136.00 <i>5.354</i>	19	7.00 <i>0.276</i>	M5	1170	389
# CRW4-200	22.00 <i>0.866</i>	11.00 <i>0.433</i>	200(4x25)	6.00 <i>0.236</i>	164.00 <i>6.457</i>	23	7.00 <i>0.276</i>	M5	1170	389
# CRW4-240	22.00 <i>0.866</i>	11.00 <i>0.433</i>	240(5x25)	6.00 <i>0.236</i>	199.00 <i>7.835</i>	28	7.00 <i>0.276</i>	M5	1170	389
# CRW4-280	22.00 <i>0.866</i>	11.00 <i>0.433</i>	280(6x25)	6.00 <i>0.236</i>	227.00 <i>8.937</i>	32	7.00 <i>0.276</i>	M5	1170	389
# CRW4-320	22.00 <i>0.866</i>	11.00 <i>0.433</i>	320(7x25)	6.00 <i>0.236</i>	262.00 <i>10.315</i>	37	7.00 <i>0.276</i>	M5	1170	389
# CRW4-360	22.00 <i>0.866</i>	11.00 <i>0.433</i>	360(8x25)	6.00 <i>0.236</i>	297.00 <i>11.693</i>	42	7.00 <i>0.276</i>	M5	1170	389
# CRW4-400	22.00 <i>0.866</i>	11.00 <i>0.433</i>	400(9x25)	6.00 <i>0.236</i>	325.00 <i>12.795</i>	46	7.00 <i>0.276</i>	M5	1170	389

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Crossed Roller Way

Part Number	Height Assembled (A) mm	Width (H) mm	Length (L) Mtg. Holes (n x F) mm	Roller Width (Da) mm	Cage Length (R) mm	Number of Rollers (z)	Distance Between Rollers (P) mm	Screw Size (M)	Basic Static Rating N	Allowable Load N
# CRW4-440	22.00 <i>0.866</i>	11.00 <i>0.433</i>	440(10x25)	6.00 <i>0.236</i>	360.00 <i>14.173</i>	51	7.00 <i>0.276</i>	M5	1170	389
# CRW4-480	22.00 <i>0.866</i>	11.00 <i>0.433</i>	480(11x25)	6.00 <i>0.236</i>	388.00 <i>15.276</i>	55	7.00 <i>0.276</i>	M5	1170	389
# CRW6-100	31.00 <i>1.220</i>	15.00 <i>0.591</i>	100(1x50)	6.00 <i>0.236</i>	84.00 <i>3.307</i>	9	9.00 <i>0.354</i>	M6	2290	764
# CRW6-150	31.00 <i>1.220</i>	15.00 <i>0.591</i>	150(2x50)	6.00 <i>0.236</i>	129.00 <i>5.079</i>	14	9.00 <i>0.354</i>	M6	2290	764
# CRW6-200	31.00 <i>1.220</i>	15.00 <i>0.591</i>	200(3x50)	6.00 <i>0.236</i>	165.00 <i>6.496</i>	18	9.00 <i>0.354</i>	M6	2290	764
# CRW6-250	31.00 <i>1.220</i>	15.00 <i>0.591</i>	250(4x50)	6.00 <i>0.236</i>	210.00 <i>8.268</i>	23	9.00 <i>0.354</i>	M6	2290	764
# CRW6-300	31.00 <i>1.220</i>	15.00 <i>0.591</i>	300(5x50)	6.00 <i>0.236</i>	246.00 <i>9.685</i>	27	9.00 <i>0.354</i>	M6	2290	764
# CRW6-350	31.00 <i>1.220</i>	15.00 <i>0.591</i>	350(6x50)	6.00 <i>0.236</i>	282.00 <i>11.102</i>	31	9.00 <i>0.354</i>	M6	2290	764
# CRW6-400	31.00 <i>1.220</i>	15.00 <i>0.591</i>	400(7x50)	6.00 <i>0.236</i>	327.00 <i>12.874</i>	36	9.00 <i>0.354</i>	M6	2290	764
# CRW6-450	31.00 <i>1.220</i>	15.00 <i>0.591</i>	450(8x50)	6.00 <i>0.236</i>	363.00 <i>14.291</i>	40	9.00 <i>0.354</i>	M6	2290	764

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Crossed Roller Way

Part Number	Height Assembled (A) mm	Width (H) mm	Length (L) Mtg. Holes (n x F) mm	Roller Width (Da) mm	Cage Length (R) mm	Number of Rollers (z)	Distance Between Rollers (P) mm	Screw Size (M)	Basic Static Rating N	Allowable Load N
# CRW6-500	31.00 <i>1.220</i>	15.00 <i>0.591</i>	500(9x50)	6.00 <i>0.236</i>	408.00 <i>16.063</i>	45	9.00 <i>0.354</i>	M6	2290	764
# CRW6-550	31.00 <i>1.220</i>	15.00 <i>0.591</i>	550(10x50)	6.00 <i>0.236</i>	444.00 <i>17.480</i>	49	9.00 <i>0.354</i>	M6	2290	764
# CRW6-600	31.00 <i>1.220</i>	15.00 <i>0.591</i>	600(11x50)	6.00 <i>0.236</i>	489.00 <i>19.252</i>	54	9.00 <i>0.354</i>	M6	2290	764

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