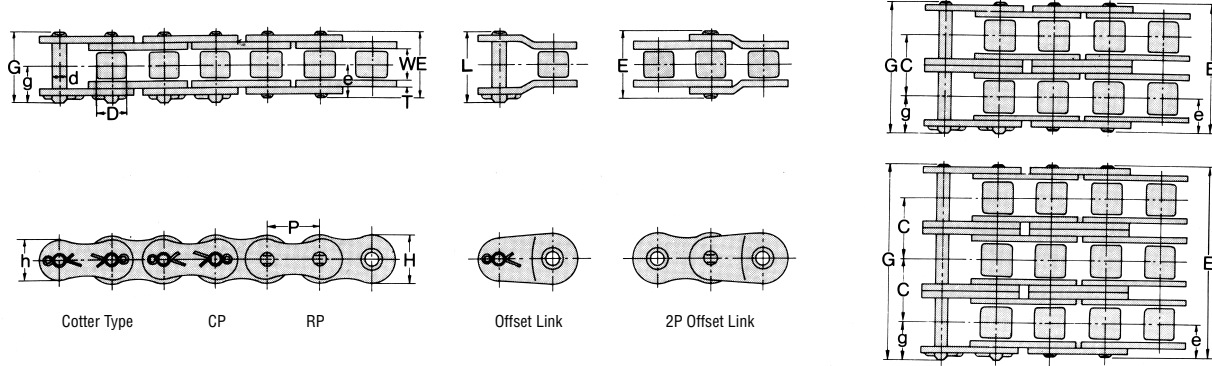


# RC160 Standard Roller Chain



TRANSMISSION  
ROLLER CHAIN

## Dimensions

Unit (inch)

Chain No.	Pitch	Roller Link Width	Roller Dia.	Pin							Transverse Pitch	Plate			JIS Min. Tensile Strength	DID Min. Tensile Strength	DID Avg. Tensile Strength	DID Max. Allowable Load	Approx. Weight (lbs/FT)
				D	d	E	G	L	e	g		C	T	H					
<b>RC160</b>	160	2.000	1.250	1.125	0.563	2.504	2.685	2.744	1.256	1.437	2.303	0.252	1.882	1.630	49892	55000	60500	11880	6.58
<b>RC160-2</b>	160-2					4.811	4.992	5.051							99783	110000	121000	20196	13.01
<b>RC160-3</b>	160-3					7.118	7.299	7.358							149675	165000	181500	29700	19.45
<b>RC160-4</b>	160-4					9.421	9.598	9.661							199566	220000	242000	39204	25.88
<b>RC160-5</b>	160-5					11.724	11.945	11.965							249458	275000	302500	46332	32.32

## Max. Horsepower Ratings

Unit (hp)

Type of Lubrication No. of Teeth of Small Sprocket	Revolutions per minute-Small Sprocket (rpm) (Please refer to P.76 for more details regarding type of lubrication A, B and C.)																							
	A					B					C													
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1100	1200	1300
<b>11</b>	4.56	10.4	19.4	36.2	52.1	67.6	82.6	97.3	112	126	113	96.5	83.6	73.5	65.1	58.3	52.5	47.7	43.6	39.9	34.2	29.6	26.0	23.1
<b>12</b>	5.00	11.4	21.3	39.8	57.2	74.3	90.8	107	123	138	129	110	95.4	83.6	74.3	66.5	59.9	54.4	49.6	45.6	38.9	33.8	29.6	26.3
<b>13</b>	5.46	12.5	23.2	43.3	62.5	81.0	98.9	116	134	151	145	124	108	94.4	83.6	74.9	67.6	61.3	56.0	51.3	43.8	38.1	33.4	29.6
<b>14</b>	5.91	13.5	25.2	46.9	67.7	87.7	107	126	145	164	162	138	120	105	93.6	83.6	75.5	68.5	62.6	57.4	49.1	42.5	37.3	33.1
<b>15</b>	6.37	15.5	27.1	50.5	72.9	94.4	115	135	157	176	180	154	133	117	104	92.9	83.6	76.0	69.4	63.7	54.4	47.2	41.4	19.7
<b>16</b>	6.82	15.5	29.1	54.3	78.2	101	124	146	168	189	198	169	147	129	114	102	92.2	83.6	76.4	70.1	59.9	51.9	45.6	
<b>17</b>	7.29	16.6	31.1	57.9	83.4	108	132	155	178	201	217	185	161	141	125	112	101	91.7	83.6	76.8	65.5	56.8	49.9	
<b>18</b>	7.76	17.7	33.0	61.7	88.7	115	141	166	190	214	237	202	176	154	137	122	110	99.9	91.2	83.6	71.4	61.9	54.4	
<b>19</b>	8.22	18.8	35.0	65.3	94.1	122	149	176	201	228	253	220	190	166	147	132	119	108	98.9	90.8	77.5	67.2	59.0	
<b>20</b>	8.69	19.8	37.0	69.0	99.5	129	157	185	213	240	267	237	205	180	160	143	129	117	107	98.0	83.6	72.5	63.7	
<b>21</b>	9.16	20.9	39.0	72.8	105	135	166	196	225	253	282	255	221	194	172	155	138	126	115	105	90.1	78.0	34.7	
<b>22</b>	9.64	22.0	41.0	76.5	110	143	174	205	236	267	296	273	237	208	184	165	149	135	123	113	96.5	83.6		
<b>23</b>	10.1	23.1	43.0	80.3	116	150	184	216	248	280	311	292	253	223	197	176	160	145	132	121	103	89.5		
<b>24</b>	10.6	24.1	45.0	84.0	121	157	192	227	260	292	326	311	269	237	210	188	169	154	141	129	110	95.4		
<b>25</b>	11.1	25.2	47.1	87.8	127	164	200	236	271	306	340	331	287	252	224	200	180	164	149	137	117	101		
<b>28</b>	12.5	28.6	53.2	99.3	143	185	227	267	307	346	385	393	340	299	264	237	213	194	177	162				
<b>30</b>	13.5	30.7	57.4	107	154	200	244	288	330	373	414	434	377	331	294	263	237	214	196	180				
<b>32</b>	14.5	33.0	61.5	115	165	214	261	308	354	399	444	479	416	365	323	290	261	237	216					
<b>35</b>	16.0	36.3	67.7	126	182	236	290	339	390	440	489	538	476	417	370	331	299							
<b>40</b>	18.4	42.0	78.2	146	210	272	332	393	450	508	564	621	580	509	452									
<b>45</b>	20.9	47.6	88.9	166	239	310	378	445	512	578	642	705	693	607										
<b>50</b>	23.3	53.4	99.5	186	268	347	424	499	574	646	718	791	811											
<b>55</b>	25.9	59.1	110	206	296	385	469	554	635	717	796	877												
<b>60</b>	28.4	64.9	121	227	326	422	516	607	698	787	875													

Note: 1. Value in above table is for single strand chain only.  
For multiplex chain, please apply the coefficient of Multi-strand. Please refer to chain selection on P.64.  
2. Please consult with us when the ratings are to the right of the solid blue line.