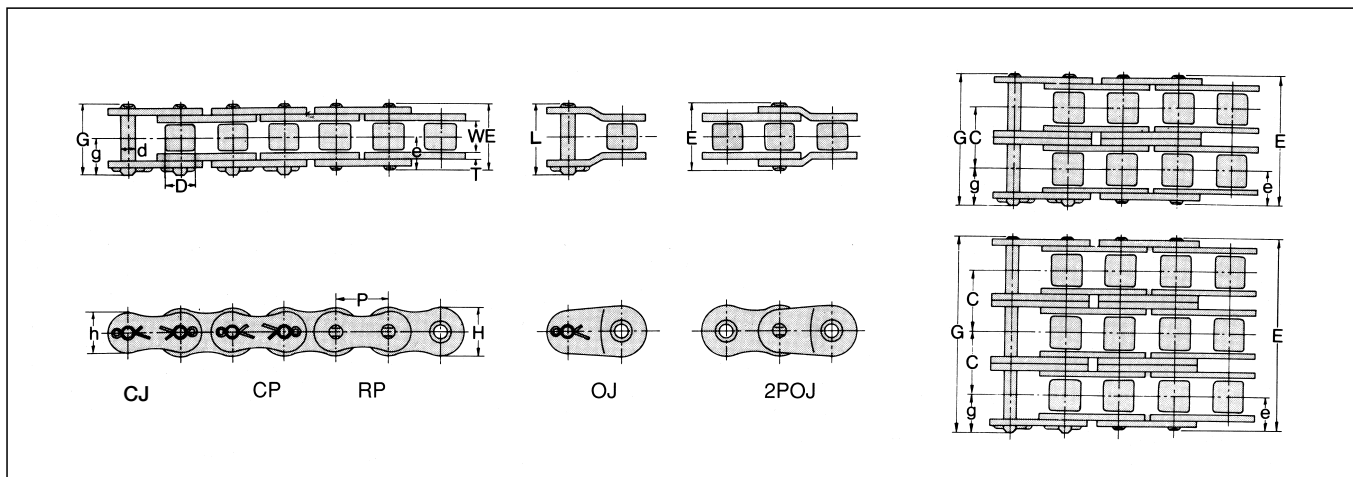


## DID 160 standard roller chain



### Dimensions

Unit (mm)

Chain No.	Pitch	Roller Link Width	Roller dia.	Pin						Transvers e Pitch	Plate			JIS		DID		DID		Approx. Weight (kg/m)			
				d	E	G	L	e	g		C	T	H	h	Min. Tensile Strength	Min. Tensile Strength	Avg. Tensile Strength	Max. Allowable Load					
DID	JIS	P	W	D	d	E	G	L	e	g	C	T	H	h	kN	kgf	kN	kgf	kN	kgf			
<b>DID160</b>	160					63.6	68.2	69.7							244.6	24,942	245.1	25,000	269	27,500	52.9	5,400	9.82
<b>DID160-2</b>	160-2					122.2	126.8	128.3							489.2	49,884	490.3	50,000	539	55,000	90.9	9,180	19.4
<b>DID160-3</b>	160-3	50.80	31.75	28.58	14.29	180.8	185.4	186.9	31.9	36.5	58.5	6.40	47.8	41.4	733.8	74,826	735.5	75,000	809	82,500	132	13,500	29.0
<b>DID160-4</b>	160-4					239.3	243.8	245.4							978.4	99,768	980.6	100,000	1,070	110,000	178	17,820	38.6
<b>DID160-5</b>	160-5					297.8	303.4	303.9							1,223.0	124,710	1,225	125,000	1,340	137,500	206	21,060	48.2

Note: The values of average tensile strength and Max. allowable tension are for chains.

### Max. Kilowatt Ratings DID 160

Unit (kW)

No. of Teeth of Small Sprocket	Small Sprocket revolutions per minute (rpm) (See P132 for the details of type of lubrication A, B and C.)																									
	A			B										C												
Type of Lubrication	10	25	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1100	1200	1300	1400	
<b>11</b>	3.40	7.75	14.5	27.0	38.9	50.4	61.6	72.6	83.4	94.0	84.4	72.0	62.4	54.8	48.6	43.5	39.2	35.6	32.5	29.8	25.5	22.1	19.4	17.2		
<b>12</b>	3.73	8.52	15.9	29.7	42.7	55.4	67.7	79.7	91.6	103	96.1	82.1	71.2	62.4	55.4	49.6	44.7	40.6	37.0	34.0	29.0	25.2	22.1	19.6		
<b>13</b>	4.07	9.29	17.3	32.3	46.6	60.4	73.8	86.9	99.9	113	108	92.6	80.2	70.4	62.4	55.9	50.4	45.7	41.8	38.3	32.7	28.4	24.9	22.1		
<b>14</b>	4.41	10.1	18.8	35.0	50.5	65.4	79.9	94.2	108	122	121	103	89.7	78.7	69.8	62.4	56.3	51.1	46.7	42.8	36.6	31.7	27.8	24.7		
<b>15</b>	4.75	11.6	20.2	37.7	54.4	70.4	86.1	101	117	131	134	115	99.4	87.3	77.4	69.3	62.4	56.7	51.8	47.5	40.6	35.2	30.9	14.7		
<b>16</b>	5.09	11.6	21.7	40.5	58.3	75.5	92.3	109	125	141	148	126	110	96.1	85.3	76.3	68.8	62.4	57.0	52.3	44.7	38.7	34.0			
<b>17</b>	5.44	12.4	23.2	43.2	62.2	80.6	98.6	116	133	150	162	138	120	105	93.4	83.6	75.3	68.4	62.4	57.3	48.9	42.4	37.2			
<b>18</b>	5.79	13.2	24.6	46.0	66.2	85.8	105	124	142	160	177	151	131	115	102	91.0	82.1	74.5	68.0	62.4	53.3	46.2	40.6			
<b>19</b>	6.13	14.0	26.1	48.7	70.2	90.9	111	131	150	170	189	164	142	124	110	98.7	89.0	80.8	73.8	67.7	57.8	50.1	44.0			
<b>20</b>	6.48	14.8	27.6	51.5	74.2	96.1	117	138	159	179	199	177	153	134	119	107	96.1	87.3	79.7	73.1	62.4	54.1	47.5			
<b>21</b>	6.83	15.6	29.1	54.3	78.2	101	124	146	168	189	210	190	165	145	128	115	103	93.9	85.7	78.7	67.2	58.2	25.9			
<b>22</b>	7.19	16.4	30.6	57.1	82.2	107	130	153	176	199	221	204	177	155	137	123	111	101	91.9	84.4	72.0	62.4				
<b>23</b>	7.54	17.2	32.1	59.9	86.3	112	137	161	185	209	232	218	189	166	147	131	119	108	98.3	90.2	77.0	66.8				
<b>24</b>	7.89	18.0	33.6	62.7	90.3	117	143	169	194	218	243	232	201	177	157	140	126	115	105	96.1	82.1	71.2				
<b>25</b>	8.25	18.8	35.1	65.5	94.4	122	149	176	202	228	254	247	214	188	167	149	134	122	111	102	87.3	75.6				
<b>28</b>	9.32	21.3	39.7	74.1	107	138	169	199	229	258	287	293	254	223	197	177	159	145	132	121						
<b>30</b>	10.1	22.9	42.8	79.8	115	149	182	215	246	278	309	324	281	247	219	196	177	160	146	134						
<b>32</b>	10.8	24.6	45.9	85.6	123	160	195	230	264	298	331	357	310	272	241	216	195	177	161							
<b>35</b>	11.9	27.1	50.5	94.2	136	176	215	253	291	328	365	401	354	311	276	247	223									
<b>40</b>	13.7	31.3	58.3	109	157	203	248	293	336	379	421	463	433	380	337											
<b>45</b>	15.6	35.5	66.3	124	178	231	282	332	382	431	479	526	517	453												

Note: 1. Values in the table above are for simplex chains only. For multiplex chains, please multiply the coefficient of multi-strand. (See "Chain Selection" on P120).  
2. Consult us when the ratings beyond the dotted line to rightward.