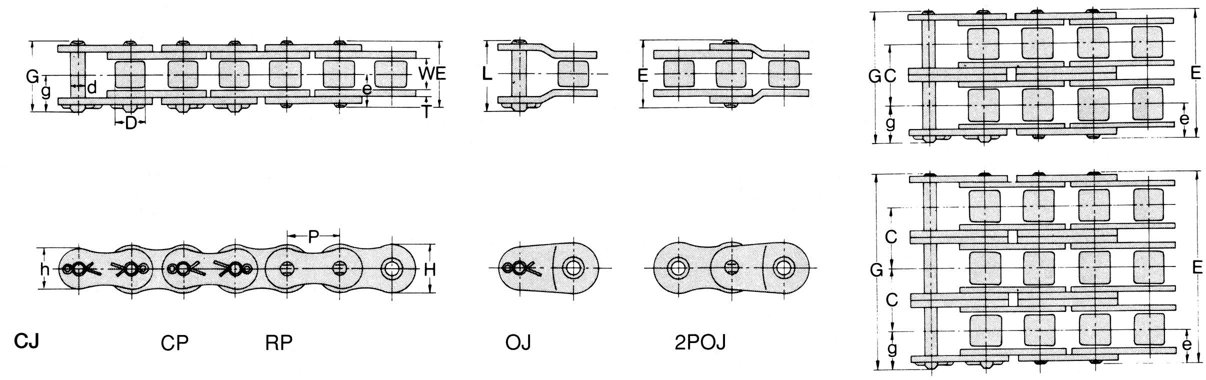
DID 200 standard roller chain



Dimensions

Unit (mm)

Chain No. DID	Chain No. JIS	Pitch P	Roller Link Width W	Roller dia. D	Pin d	Pin E	Pin G	Pin L	Pin e	Pin g	Transverse Pitch C	Plate T	Plate	Plate h	JIS Min. Tensile Strength kN	JIS Min. Tensile Strength kgf	DID Min. Tensile Strength kN	DID Min. Tensile Strength kgf	DID Avg. Tensile Strength kN	DID Avg. Tensile Strength kgf	DID Max. Allowable Load kN	DID Max. Allowable Load kgf	Approx. Weight (kg/m)
DID200	200	63.50	38.10	39.68	19.85	77.9	85.0	87.3	39.0		71.6	8.00	60.0	52.0	381.7	38,922	431.4	44,000	470	48,000	73.5	7,500	16.5
DID200-2	200-2					149.6	156.6	159.0							763.4	77,844	862.9	88,000	941	96,000	125	12,750	32.5
DID200-3	200-3					221.3	228.3	230.6							1,145.1	116,766	1,294	132,000	1,412	144,000	183	18,750	48.5
DID200-4	200-4					292.9	299.9	302.2							1,526.8	155,688	1,725	176,000	1,882	192,000	242	24,750	64.5
DID200-5	200-5					364.5	371.5	373.8							1,908.5	194,610	2,157	220,000	2,353	240,000	286	29,250	80.5

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

Max. Kilowatt Ratings DID 200

Unit (kW)

Small Sprocket revolutions per minute (rpm) (See P132 for the details of type of lubrication A, B and C.)

No. of Teeth of Small Sprocket / Type of Lubrication	10	15	20	30	40	50	60	80	100	150	200	250	300	350	400	450	550	600	650	700	750	800	850	900	950
	A				B										C										
11	5.86	8.45	10.9	15.8	20.4	25.0	29.4	38.1	46.6	67.1	86.9	106	125	144	120	101	74.7	65.5	58.1	52.0	46.9	42.6	38.9	35.7	
12	6.44	9.28	12.0	17.3	22.4	27.4	32.3	41.9	51.2	73.7	95.5	117	138	158	137	115	85.1	74.7	66.2	59.2	53.4	48.5	44.3	40.6	
13	7.02	10.1	13.1	18.9	24.5	29.9	35.2	45.6	55.8	80.4	104	127	150	172	155	130	95.9	84.2	74.7	66.8	60.2	54.7	49.9	45.8	
14	7.61	11.0	14.2	20.5	26.5	32.4	38.2	49.4	60.4	87.1	113	138	162	187	173	145	107	94.1	83.4	74.7	67.3	61.1	55.8	30.2	
15	8.20	11.8	15.3	22.0	28.5	34.9	41.1	53.3	65.1	93.8	122	149	175	201	192	161	119	104	92.5	82.8	74.7	67.8	61.9	1.58	
16	8.79	12.7	16.4	23.6	30.6	37.4	44.1	57.1	69.8	101	130	159	188	216	211	177	131	115	102	91.2	82.2	74.7	68.2		
17	9.38	13.5	17.5	25.2	32.7	39.9	47.1	61.0	74.5	107	139	170	200	230	231	194	143	126	112	99.9	90.1	81.8	74.7		
18	9.98	14.4	18.6	26.8	34.8	42.5	50.1	64.9	79.3	114	148	181	213	245	252	211	156	137	122	109	98.1	89.1	53.1		
19	10.6	15.2	19.8	28.4	36.9	45.0	53.1	68.8	84.1	121	157	192	226	260	273	229	169	149	132	118	106	96.6			
20	11.2	16.1	20.9	30.1	38.9	47.6	56.1	72.7	88.8	128	166	203	239	274	293	247	183	161	142	127	115				
21	11.8	17.0	22.0	31.7	41.1	50.2	59.1	76.6	93.6	135	175	214	252	289	317	266	197	173	153	137					
22	12.4	17.9	23.1	33.3	43.2	52.8	62.2	80.6	98.5	142	184	225	265	304	340	285	211	185	164	147					
23	13.0	18.7	24.3	35.0	45.3	55.4	65.2	84.5	103	149	193	236	278	319	360	305	226	198	176						
24	13.6	19.6	25.4	36.6	47.4	58.0	68.3	88.5	108	156	202	247	291	334	377	325	241	211	187						
25	14.2	20.5	26.6	38.3	49.6	60.6	71.4	92.5	113	163	211	258	304	349	394	346	256	224							

Note: 1. Value in the above table is for simplex chain only. For multiplex chains, please apply the coefficient of Multi-strand. (Please refer to Chain selection on P.120).
2. Consult us when the ratings beyond the dotted line to rightward.