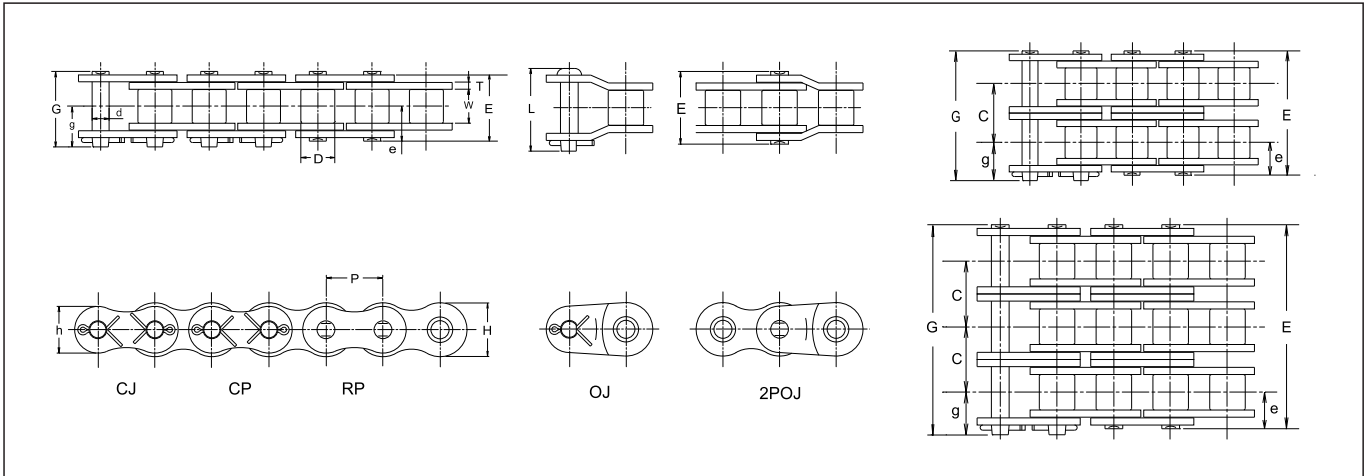


DID 200 standard roller chain

Roller Chains for Power Transmission

Standard Roller Chain



Dimensions

Unit (mm)

Chain No.	Pitch	Roller Link Width W	Roller dia. D	Pin						Transverse Pitch C	Plate				JIS Min. Tensile Strength		DID Min. Tensile Strength		DID Avg. Tensile Strength		DID Max. Allowable Load		Approx. Weight (kg/m)
				d	E	G	L	e	g		T	H	h	kN	kgf	kN	kgf	kN	kgf	kN	kgf		
DID200	200				77.9	85.0	87.3								347	35,230	431	43,760	470	47,720	73.5	7,460	16.5
DID200-2	200-2				149.6	156.6	159.0								694	70,460	863	87,610	940	95,430	125	12,690	32.5
DID200-3	200-3	63.50	38.10	39.68	19.85	221.3	228.3	230.6	39.0	46.0	71.6	8.00	60.0	52.0	1,041	105,690	1,294	131,370	1,410	143,150	184	18,680	48.5
DID200-4	200-4				292.9	299.9	302.2								—	—	1,725	175,130	1,880	190,860	243	24,670	64.5
DID200-5	200-5				364.5	371.5	373.8								—	—	2,157	218,980	2,350	238,580	287	29,140	80.5

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

Max. Kilowatt Ratings DID 200

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.)																								
	10					15					20					30					40				
Type of Lubrication	A					B					C					C					C				
13	9.60	13.8	17.9	25.8	33.5	40.9	48.2	62.4	76.3	110	142	172	172	172	155	130	95.9	84.2	74.6	66.8	60.2	54.7	49.9	45.8	
14	10.4	15.0	19.4	28.0	36.2	44.3	52.2	67.6	82.7	119	154	187	187	187	173	145	107	94.1	83.4	74.6	67.3	61.1	55.8	30.2	
15	11.2	16.2	20.9	30.1	39.0	47.7	56.2	72.9	89.1	128	166	201	201	201	192	161	119	104	92.5	82.8	74.6	67.8	61.9	1.57	
16	12.0	17.3	22.4	32.3	41.9	51.2	60.3	78.1	95.5	138	178	216	216	216	211	177	131	115	102	91.2	82.2	74.6	68.2	—	
17	12.8	18.5	24.0	34.5	44.7	54.6	64.4	83.4	102	147	190	231	231	231	231	194	143	126	112	99.9	90.1	81.8	74.6	—	
18	13.7	19.7	25.5	36.7	47.5	58.1	68.5	88.7	108	156	202	247	252	252	252	211	156	137	122	109	98.1	89.1	53.1	—	
19	14.5	20.8	27.0	38.9	50.4	61.6	72.6	94.1	115	166	215	262	273	273	273	229	169	149	132	118	106	96.6	—	—	
20	15.3	22.0	28.5	41.1	53.3	65.1	76.7	99.4	122	175	227	277	293	293	293	247	183	161	142	127	115	—	—	—	
21	16.1	23.2	30.1	43.3	56.2	68.6	80.9	105	128	185	239	292	317	317	317	266	197	173	153	137	—	—	—	—	
22	17.0	24.4	31.6	45.6	59.0	72.2	85.1	110	135	194	251	307	340	340	340	285	211	185	164	147	—	—	—	—	
24	18.6	26.8	34.8	50.1	64.9	79.3	93.4	121	148	213	276	338	377	377	377	325	241	211	187	—	—	—	—	—	
26	20.3	29.3	37.9	54.6	70.7	86.5	102	132	161	232	301	368	408	408	408	367	271	238	—	—	—	—	—	—	

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.