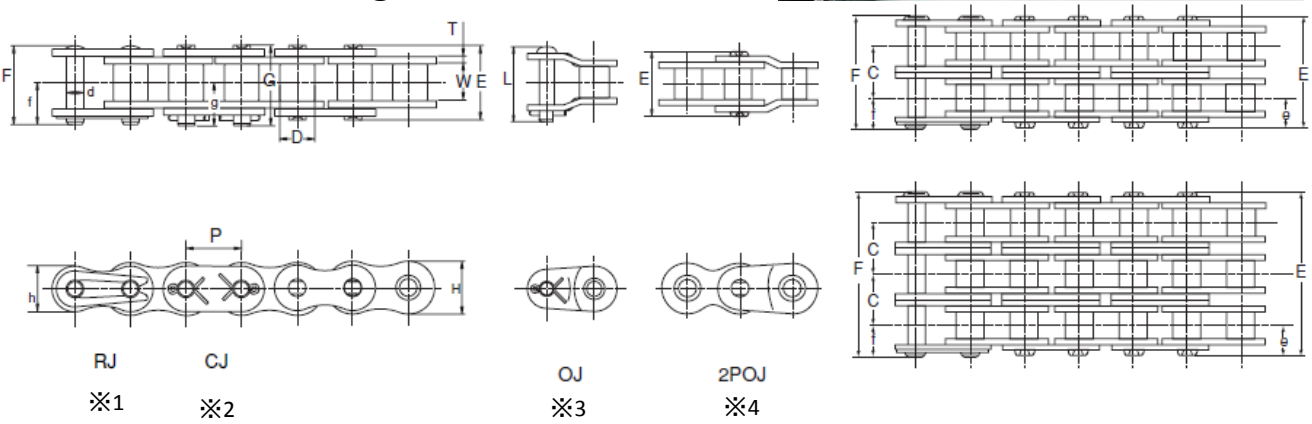
DID European Standard Roller Chain

DID European Roller chains conform to the ISO (International Organization for Standardization) "B series", and they are manufactured in conformity with the British Standard or German Standard. For sprockets, use those in conformity with the BS standard.

Dimensional drawing



Dimensions

(mm)

Chain No.	Pitch	Roller link width	Roller dia.	PIN							Transv-erse pitch	Plate				ISO Min. tensile strength	DID Min. tensile strength	Approx. Weight
DID	P	W	D	d	E	F	G	L	f	g	C	T	t	H	h	kN	kN	kg/m
DID 04B	6,00	2,80	4,00	1,85	6,70	7,35	-	-	4,15	-	-	0,63	0,63	4,9	4,9	-	3,33	0,12
DID 05B	8,00	3,00	5,00	2,31	7,75	8,60	-	-	4,80	-	5,64	0,75	0,75	7,1	6,2	4,4	5,68	0,18
DID 05B-2					13,45	14,25	-	-								7,8	9,21	0,34
DID 06B ※5	9,525	5,72	6,35	3,28	13,15	13,6	-	-	7,40	-	10,24	1,3	1,0	8,2	8,2	8,9	10,4	0,39
DID 06B-2					22,75	23,9	-	-								16,9	19,4	0,74
DID 06B-3					33,00	34,3	-	-								24,9	27,4	1,10
DID 08B	12,70	7,75	8,51	4,45	16,7	18,1	-	19,45	9,90	-	13,92	1,5	1,5	11,9	10,4	17,8	19,6	0,67
DID 08B-2					30,7	32,0	-	33,25								31,1	34,3	1,30
DID 08B-3					44,6	46,0	-	47,25								44,5	49,0	1,92
DID 10B	15,875	9,65	10,16	5,08	18,9	20,4	-	22,1	10,9	-	16,59	1,5	1,5	14,7	13,0	22,2	25,4	0,86
DID 10B-2					35,5	37,0	-	38,7								44,5	50,9	1,68
DID 10B-3					52,2	53,7	-	55,25								66,7	76,4	2,54
DID 12B	19,05	11,68	12,07	5,72	22,2	23,6	-	26,45	12,7	-	19,46	1,8	1,8	16,1	14,6	28,9	31,3	1,14
DID 12B-2					41,7	43,1	-	45,9								57,8	62,7	2,28
DID 12B-3					61,3	62,7	-	65,45								86,7	94,1	3,46
DID 16B	25,40	17,02	15,88	8,28	35,7	-	38,2	40,0	-	20,7	31,88	4,0	3,2	21,0	21,0	60,0	63,7	2,56
DID 16B-2					67,6		70,3	71,9								106	127	5,12
DID 16B-3					99,5		102,2	103,8								160	191	7,59
DID 20B	31,75	19,56	19,05	10,19	41,2	-	44	45,1	-	23,5	36,45	4,5	3,5	26,4	26,4	95	98	3,81
DID 20B-2					77,7		80,5	82,7								170	196	7,57
DID 20B-3					114,2		117	119,2								250	294	11,3
DID 24B	38,10	25,40	25,40	14,63	53,4	-	58,7	59,4	-	32,0	48,36	6,0	5,0	33,4	33,4	160	166	7,08
DID 24B-2					101,8		107,1	109,1								280	333	13,9
DID 24B-3					150,2		155,5	157,5								425	500	20,7

Note.
1. RJ type connecting links are Clearance fit type and used for DID 06B-12B.
2. CJ type connecting links are Interference type and used for DID 16B-24B.
3. OJ type connecting links are Offset type and used for DID 06B-24B
4. 2POJ type connecting links are Offset type and used for DID 04B and DID 05B
5. DID 06B has flat oval-shaped plates.