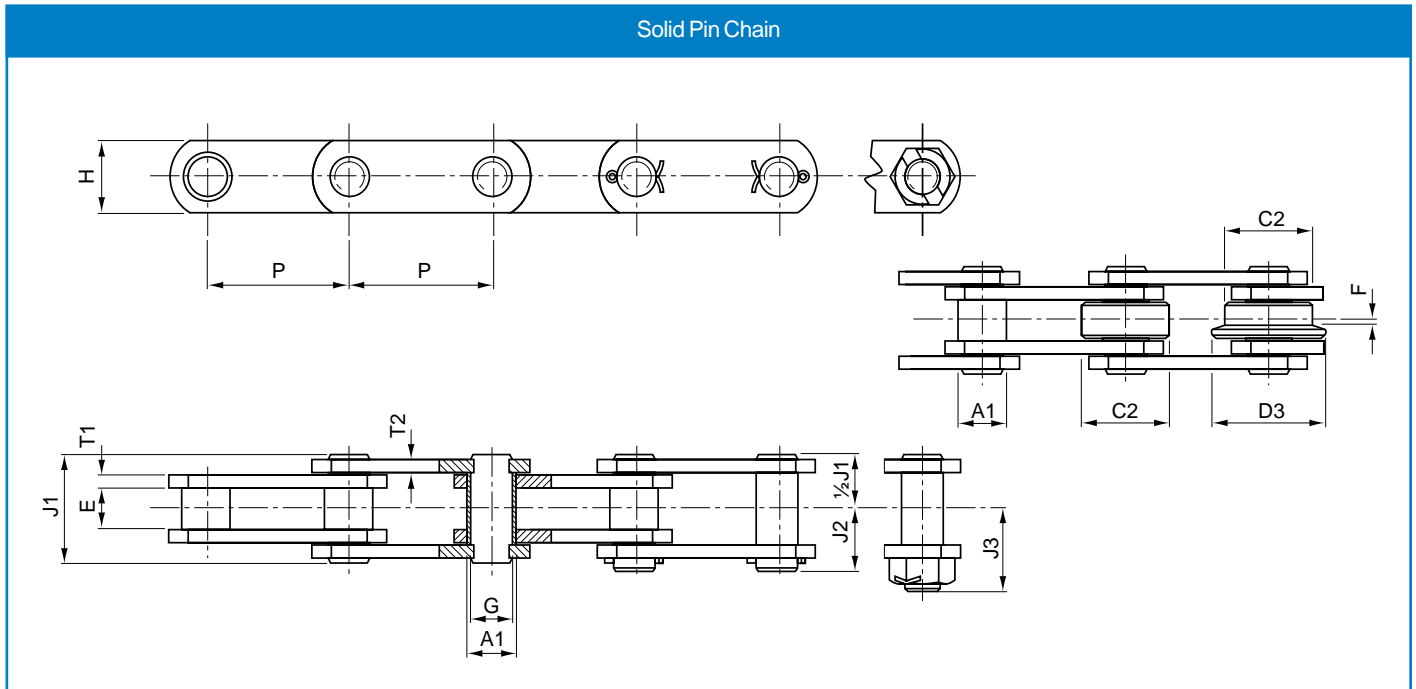


Conveyor Chain

Solid Pin

BS Conveyor Chain (BS 4116 Part 4)



Solid Pin Chain

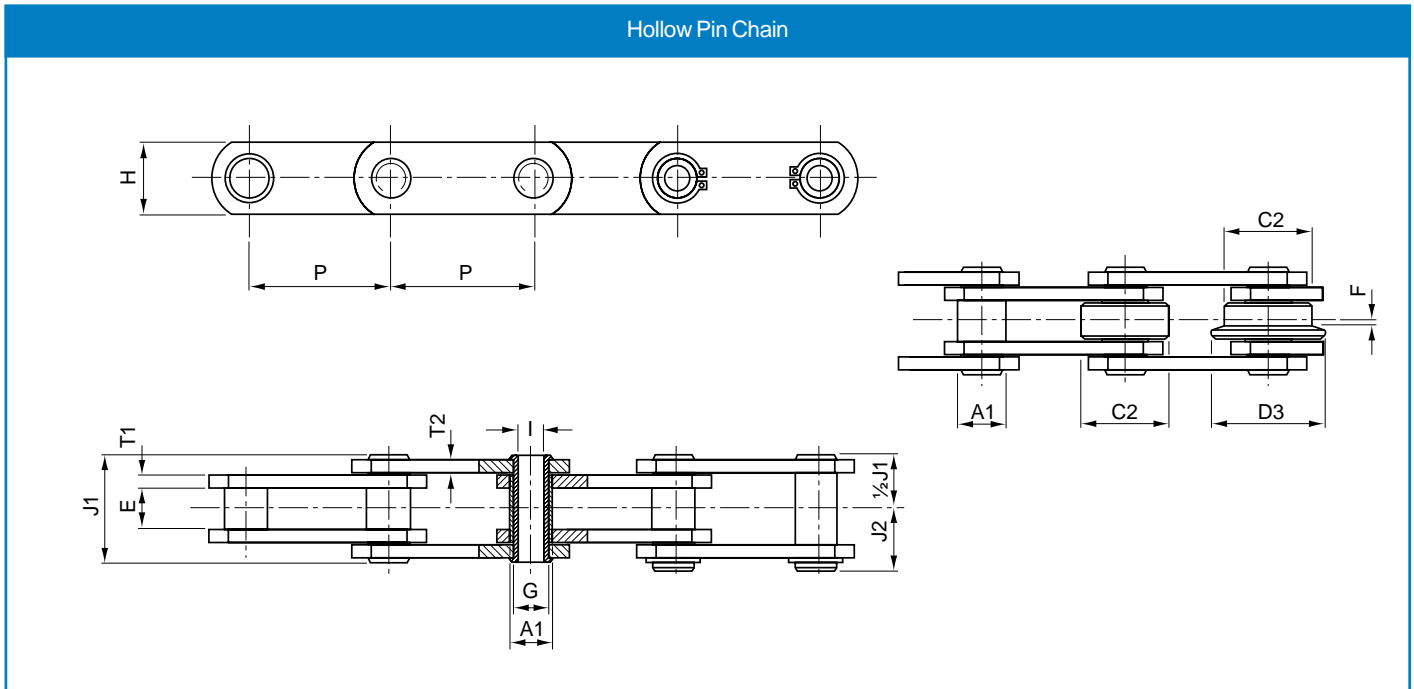
Chain Number	Minimum Breaking (Load) lbf	Pitch Inches	Pitch mm	E	C2	D3	F	A1	G	H	T1	T2	J1	J2	J3	Breaking Load			Weight (Type C) kg/m
																Minimum N	Average N	Up-rated N	
C40	7 500	2.0	50.8	15	31.75	40	2.5	17	14	25	4	4	37	22	28.5	33 000	40 000	50 000	4.0
C40	"	2.5	63.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.5
C40	"	3.0	76.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.2
C40	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.0
C40	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.8
C40	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.6
C40	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.4
C100	15 000	3.0	76.2	19	47.5	60	3.5	23	19	40	5	4	45	28	37	67 000	100 000	130 000	7.7
C100	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	7.0
C100	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6.5
C100	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.8
C100	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.3
C100	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.0
C100	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.7
C160	30 000	4.0	101.6	26	66.7	82	3.5	33	26.9	50	7	5	58	34.5	51	134 000	156 000	200 000	14.3
C160	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	12.5
C160	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	11.3
C160	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	10.5
C160	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.8
C160	"	9.0	228.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.3
C160	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.0
C300	45 000	6.0	152.4	38	88.9	114	8.5	38	28	60	10	8	83	47	70	200 000	300 000	340 000	24.3
C300	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	22.0
C300	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	21.0
C300	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	18.0
C300	"	12.0	304.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	16.5
C300/60	60 000	6.0	152.4	38	88.9	114	8.5	38	32	60	10	8	84	52	71	267 000	300 000	380 000	24.0
C300/60	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	21.8
C300/60	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20.0
C300/60	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	17.7
C300/60	"	12.0	304.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	16.0

Up-rated breaking load chain has heat treated side plates.

Conveyor Chain

Hollow Pin

BS Conveyor Chain (BS 4116 Part 4)



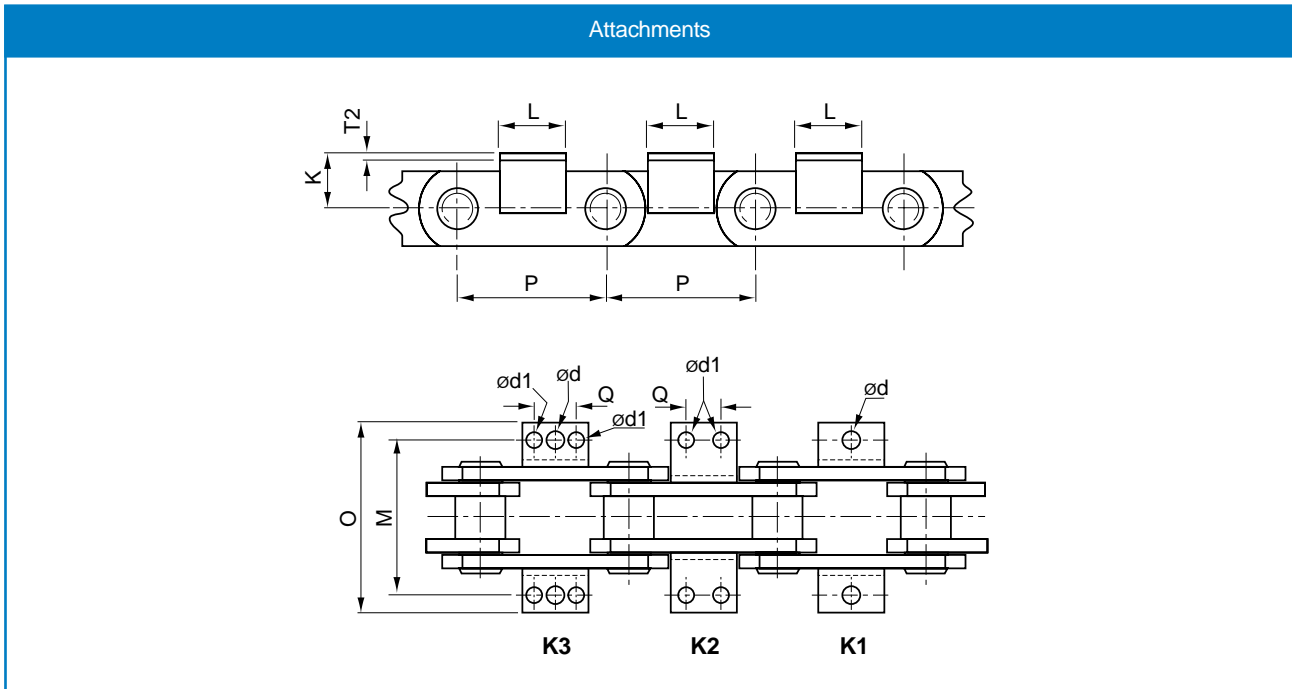
Hollow Pin Chain

Chain Number	Minimum Breaking (Load) lbf	Pitch Inches	Pitch mm	E	C2	D3	F	A1	G	I	H	T1	T2	J1	J2	Breaking Load			Weight (Type C) kg/m
																Minimum N	Average N	Up-rated N	
CC21	4 500	1.5	38.1	12.7	25.4	/	/	11	9	6.5	18	2.5	2.5	26	14.5	20 000	21 000	/	2.2
CC21	"	2.0	50.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1.7
CC21	"	2.5	63.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1.6
CC21	"	3.0	76.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1.4
CC40	6 000	2.0	50.8	15	31.75	40	2.5	17	14	10.2	25	4	4	36.4	19.5	27 000	40 000	50 000	3.6
CC40	"	2.5	63.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.2
CC40	"	3.0	76.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.0
CC40	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.8
CC40	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.6
CC40	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.4
CC40	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.3
CC60	12 000	3.0	76.2	19	47.5	60	3.5	23	19	13.2	40	5	4	45	23.5	54 000	60 000	120 000	7.0
CC60	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6.4
CC60	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6.0
CC60	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.3
CC60	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.9
CC60	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.6
CC60	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.4
CC150	24 000	4.0	101.6	26	66.7	82	4	33	26.9	20.2	50	7	5	58	31.5	107 000	150 000	190 000	12.8
CC150	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	11.3
CC150	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	11.0
CC150	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.5
CC150	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.0
CC150	"	9.0	228.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	8.6
CC150	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	8.2
CC300	36 000	6.0	152.4	38	88.9	114	8.5	38	32	22.5	60	10	8	83	43.5	160 000	300 000	380 000	22.3
CC300	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20.2
CC300	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	18.8
CC300	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	16.4
CC300	"	12.0	304.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	15.2

Up-rated breaking load chain has heat treated side plates.

Conveyor Chain Attachments

Conveyor Attachments



Conveyor Attachments

Chain Number	Minimum Breaking Load lbf	Pitch Inches	Pitch mm	Attachment Type	K	M	L	d	d1	O	Q	Average Weight (Ea) kg
CC40 / C40	6 000 / 7 500	2.0	50.8	K1	19	76.2	45.0	10.7	/	129	/	0.10
CC40 / C40	"	2.5	63.5	K1, K2	"	"	43.0	"	9.3	112	22.2	0.10
CC40 / C40	"	3.0	76.2	K3	"	"	"	"	"	136	"	0.10
CC40 / C40	"	3.5	88.9	K1, K2, K3	"	"	50.0	"	"	112	31.8	0.10
CC40 / C40	"	4.0	101.6	K3	"	"	64.0	"	"	110	"	0.10
CC40 / C40	"	5.0	127.0	K3	"	"	85.0	"	"	112	57.2	0.20
CC40 / C40	"	6.0	152.4	K3	"	"	88.0	"	"	"	"	0.20
CC100 / C100	12 000 / 15 000	3.0	76.2	K1	32	89.0	30.0	14.0	/	130	/	0.12
CC100 / C100	"	3.5	88.9	K1	"	"	"	"	/	"	/	0.12
CC100 / C100	"	4.0	101.6	K3	"	"	64.0	"	10.5	"	31.8	0.10
CC100 / C100	"	5.0	127.0	K1, K2	"	"	84.0	"	"	"	57.2	0.30
CC100 / C100	"	6.0	152.4	K3	"	"	114.5	"	"	"	"	0.32
CC100 / C100	"	7.0	177.8	K1, K2	"	"	110.0	"	"	"	80.0	0.40
CC100 / C100	"	8.0	203.2	K1, K2	"	"	"	"	"	"	"	0.40
CC160 / C160	24 000 / 30 000	4.0	101.6	K1	38	108.0	35.0	15.5	/	154	/	0.19
CC160 / C160	"	5.0	127.0	K1, K2	"	"	56.0	"	12.3	"	31.7	0.30
CC160 / C160	"	6.0	152.4	K1, K2	"	"	84.0	"	"	"	57.2	0.38
CC160 / C160	"	7.0	177.8	K1, K2	"	"	"	"	"	"	"	0.38
CC160 / C160	"	8.0	203.2	K1, K2	"	"	130.0	"	"	"	100.0	0.60
CC160 / C160	"	9.0	228.6	K1, K2	"	"	150.0	"	"	"	"	0.69
CC160 / C160	"	10.0	254.0	K1, K2	"	"	170.0	"	"	"	135.0	0.75
CC300 / C300	36 000 / 45 000	6.0	152.4	K1	51	146.0	70.0	17.0	/	200	38.1	0.50
CC300 / C300	"	7.0	177.8	K1	"	"	"	"	/	"	"	0.50
CC300 / C300	"	8.0	203.2	K1, K2	"	"	100.0	"	14.0	"	76.2	0.70
CC300 / C300	"	10.0	254.0	K1, K2	"	"	152.4	"	"	"	90.0	0.90
CC300 / C300	"	12.0	304.8	K1, K2	"	"	225.0	"	"	"	190.0	1.60
C300 / 60	60 000	6.0	152.4	K1	51	146.0	70.0	17.0	/	200	38.1	0.50
C300 / 60	"	7.0	177.8	K1	"	"	"	"	/	"	"	0.50
C300 / 60	"	8.0	203.2	K1, K2	"	"	100.0	"	14.0	"	76.2	0.70
C300 / 60	"	10.0	254.0	K1, K2	"	"	152.4	"	"	"	90.0	0.90
C300 / 60	"	12.0	304.8	K1, K2	"	"	225.0	"	"	"	190.0	1.60

All dimensions in millimetres unless otherwise stated. Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused

