

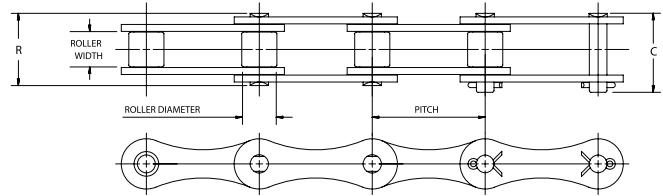
DOUBLE PITCH ROLLER CHAIN

CHAIN DESCRIPTIONS AND DIMENSIONS



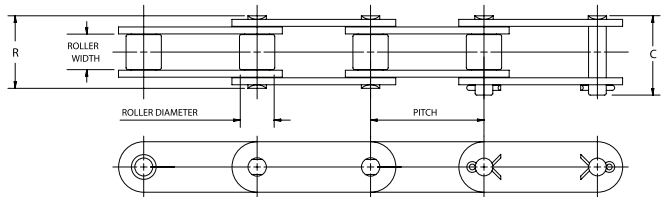
Sapphire® Double Pitch chains are built to ASME/ANSI B29.1 standards.

SAPPHIRE® POWER TRANSMISSION ROLLER CHAIN



Sapphire Number	Pitch	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	H	Avg. Weight	Avg. Tensile Strength
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs/ft kg/m	lbf kN
2040	1.000 25.40	0.313 7.94	0.312 7.92	0.156 3.96	0.060 1.52	0.760 19.30	0.680 17.27	0.472 12.00	0.280 0.42	3,125 13.90
2050	1.250 31.75	0.375 9.53	0.400 10.16	0.200 5.08	0.080 2.03	0.920 23.37	0.840 21.34	0.591 15.00	0.520 0.77	4,880 21.71
2060	1.500 38.10	0.500 12.70	0.469 11.91	0.234 5.94	0.094 2.39	1.110 28.19	1.050 26.67	0.709 18.00	0.720 1.07	7,030 31.27

SAPPHIRE® CONVEYOR ROLLER CHAIN



STANDARD DIAMETER ROLLER

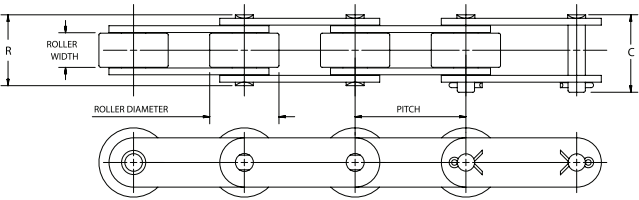
Sapphire Number	Pitch	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	H	Avg. Weight	Avg. Tensile Strength
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs/ft kg/m	lbf kN
C2040	1.000 25.40	0.313 7.94	0.312 7.92	0.156 3.96	0.060 1.52	0.760 19.30	0.680 17.27	0.472 12.00	0.340 0.51	3,125 13.90
C2050	1.250 31.75	0.375 9.53	0.400 10.16	0.200 5.08	0.080 2.03	0.920 23.37	0.840 21.34	0.591 15.00	0.580 0.86	4,880 21.71
C2060H	1.500 38.10	0.500 12.70	0.469 11.91	0.234 5.94	0.125 3.18	1.250 31.75	1.180 29.97	0.709 18.00	1.050 1.56	7,030 31.27
C2080H	2.000 50.80	0.625 15.88	.625 15.88	0.312 7.92	0.156 3.96	1.570 39.88	1.450 36.83	0.949 24.10	1.400 2.08	12,500 55.60

DOUBLE PITCH ROLLER CHAIN

CHAIN DESCRIPTIONS AND DIMENSIONS



SAPPHIRE CONVEYOR ROLLER CHAIN



OVERSIZED DIAMETER ROLLER

Sapphire Number	Pitch	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	H	Avg. Weight	Avg. Tensile Strength
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs/ft kg/m	lbf kN
C2042	1.000	0.313	0.625	0.156	0.060	0.760	0.680	0.472	0.500	3,125
	25.40	7.94	15.88	3.96	1.52	19.30	17.27	12.00	0.74	13.90
C2052	1.250	0.375	0.750	0.500	0.080	0.920	0.840	0.591	0.810	4,880
	31.75	9.53	19.05	12.70	2.03	23.37	21.34	15.00	1.21	21.71
C2062H	1.500	0.500	0.875	0.234	0.125	1.250	1.180	0.709	1.420	7,030
	38.10	12.70	22.23	5.94	3.18	31.75	29.97	18.00	2.11	31.27



SAPPHIRE®

Diamond® chains are part of The Timken Company's advanced motion technologies portfolio.