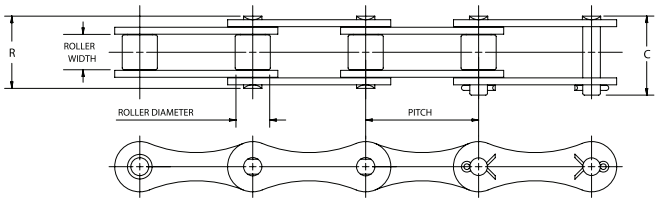
DIAMOND® CHAIN COMPANY

SAPPHIRE®

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

DOUBLE PITCH ROLLER CHAIN

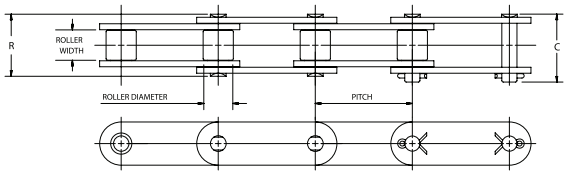
POWER TRANSMISSION ROLLER CHAIN



Dimensions in Inches

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight per foot	Minimum Tensile Strength
2040	1	5/16	.312	.156	.060	.76	.68	.28	3125
2050	1 1/4	3/8	.400	.200	.080	.92	.84	.52	4880
2060	1 1/2	1/2	.469	.234	.094	1.11	1.05	.72	7030

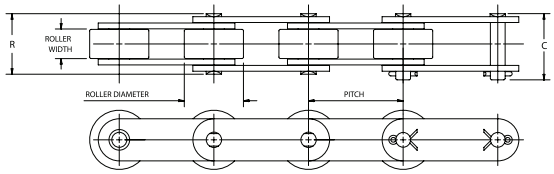
CONVEYOR ROLLER CHAIN



STANDARD DIAMETER ROLLER

Dimensions in Inches

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight per foot	Minimum Tensile Strength
C2040	1	5/16	.312	.156	.060	.76	.68	.34	3125
C2050	1 1/4	3/8	.400	.200	.080	.92	.84	.58	4880
C2060H	1 1/2	1/2	.469	.234	.125	1.25	1.18	1.05	7030
C2080H	2	5/8	.625	.312	.156	1.57	1.45	1.40	12500



OVERSIZED DIAMETER ROLLER

Dimensions in Inches

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight per foot	Minimum Tensile Strength
C2042	1	5/16	.625	.156	.060	.76	.68	.50	3125
C2052	1 1/4	3/8	.750	.200	.080	.92	.84	.81	4880
C2062H	1 1/2	1/2	.875	.234	.125	1.25	1.18	1.42	7030