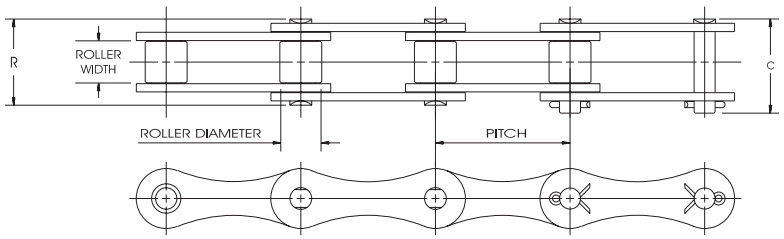
DOUBLE-PITCH POWER TRANSMISSION ROLLER CHAIN

Chain Descriptions and Dimensions

Double-Pitch Power Transmission Roller Chain

These chains, produced to ASME/ANSI B29.3, have figure-eight style link plates. Their dimensions are similar to Standard Series chains with the exception of the pitch, which is twice that of the Standard Series. The increase in pitch means that only half the number of component parts are required per foot which can significantly lower the cost. Typical uses for these types of chains include light load drives commonly found in agriculture.

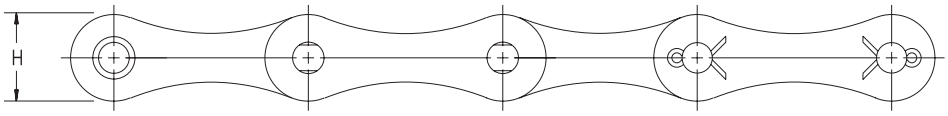


Dimensions in Inches and Pounds

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Pate Thickness	C	R	Weight Per Foot	Average Tensile Strength
2040	1	5/16	.312	.156	.060	.76	.68	.28	3700
2050	1¼	⅜	.400	.200	.080	.92	.84	.52	6100
2060	1½	½	.469	.234	.094	1.11	1.05	.72	8500
2080	2	⅝	.625	.312	.125	1.44	1.32	1.13	14500

Link Plate Height

Many times chains are contained within guides or extrusions to protect them from contamination. If this is the case, link plate height can be a critical dimension. The following represent nominal pin and roller link plate heights for the models shown. If more detailed information is required please contact Diamond's application engineers.



Dimensions in Inches

Link Plate Height*	Model Number			
	2040	2050	2060	2080
H	.475	.594	.712	.950

* Nominal values are shown. For information on specific models contact Diamond.