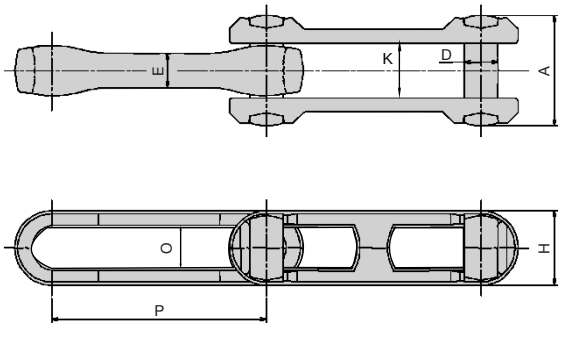
In general, a chain is bent in transverse direction only. However, a three dimensional chain can be structurally bent not only horizontally but also vertically. It is used for a conveyor line which moves vertically and changes in direction

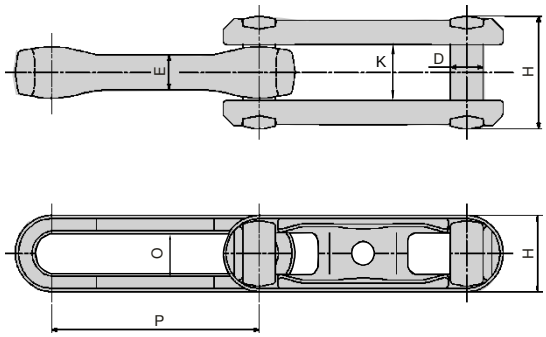


X type chains for trolley, and power & free convey

X chains are used for trolley, and power & free conveyors. They are drop-forged rivetless chains featuring high strength, lightweight and easy mounting dismount of components. A power & free conveyor generally has a so-called stop and go function to connect and disconnect conveyed materials with and from the chain, so that the conveyed materials can be temporarily stopped, mixed and stored. Three kinds of X chains different in strength are available.



H-Type



X-Type

Chain No.	Pitch (mm)	Average Tensile Strength (kN)	Dimensions (mm)						Average Mass (kg/m)
			Overall Width A	Pin Dia. D	Width of Inner Link E	Height H	Length of Opening O	Width of Outer Link K	
X348	76.2	110	46.0	12.7	13.2	27.0	13.5	20.6	3.20
X458	102.4	220	56.0	16.0	16.0	36.0	17.4	26.5	4.70
X678	153.2	320	77.0	22.0	21.0	51.0	25.0	34.2	9.50
X80	80.0	110	46.0	12.7	13.2	27.0	13.5	20.6	3.10
F100	100.0	220	56.0	16.0	16.0	36.0	17.4	26.5	4.70
348	76.2	110	44.5	12.7	13.2	27.0	13.5	20.6	3.20
458	102.4	220	58.0	16.0	16.0	36.0	17.4	26.5	4.70
678	153.2	320	77.0	22.0	21.0	51.0	25.0	34.2	9.50
698	153.2	515	95.3	28.0	25.4	64.0	32.0	42.3	16.9
998	229.4	605	95.3	28.6	25.4	67.6	30.2	41.7	14.8
9118	229.4	832	125.0	35.0	33.5	78.0	37.2	52.0	24.2
80	80.0	110	48.0	12.0	13.0	29.0	13.5	21.0	3.2
80H	80.0	250	72.0	18.0	19.0	42.0	19.5	34.5	8.7
XT100	100.0	220	58.0	16.0	16.0	37.0	17.4	26.5	4.7
XT160	160.0	410	58.0	24.0	20.5	54.0	28.0	36.0	10.3