Load Reduction Factors

Temperature Application Range XL200 and XL400 of Lifting Chains

Lifting Chains XL200

Temperature Application Range	W.L.L.
-40 °C to 205 °C	100 %

Lifting Chains XL400

Temperature Application Range	W.L.L.
-30 °C to 200° C	100 %
over 200 °C to 300 °C	90 %
over 300 °C to 380 °C	60 %

Load Factors at Asymmetry

Numer of Chain Strands	1	2		3		4	
Inclination Angle β	-	0° - 45°	46° - 60°	0° - 45°	46° - 60°	0° - 45°	46° - 60°
Load Factor	1	1,4	1	2,1	1,5	2,1	1,5

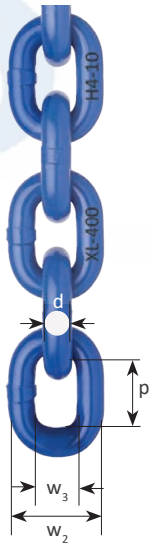
Table 4

Lifting Chains XL400

TWN 1805

The grade 100 lifting chains XL400 are made from CrNiMo alloy steel and are used to assemble chain slings and lashing chains. The max. application temperature is 380°C. The testing requirements for these high-quality round steel chains are based on the DIN EN 818, PAS 1061 and on the German Statutory Accident Insurance test principle GS-HM 37. The lifting chains are especially characterized by their certified fatigue strength.

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Trade Size	Article-No.	Working Load Limit [t]	Nominal Size d [mm]	Pitch p [mm]	Inside Width w_3 [mm] min.	Outside Width w_2 [mm] max.	Weight app. [kgs/m]
6-10	F01610B	1,40	6	18	8,40	22,20	0,89
8-10	F01615B	2,50	8	24	11,30	29,60	1,59
10-10	F01622B	4,00	10	30	13,40	37,00	2,48
13-10	F01629B	6,70	13	39	18,00	48,10	4,18
16-10	F01635B	10,00	16	48	21,40	59,20	6,34
20-10	F01638B	16,00	20	60	26,80	74,00	9,91
22-10	F01650B	19,00	22	66	29,50	81,40	12,00
26-10	F01660B	26,50	26	78	34,80	96,20	16,70
32-10	F01670B	40,00	32	96	42,80	118,40	26,10

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ASEAN JSC.VN
ASEAN DEVELOPMENT JOINT STOCK COMPANY
Since 2006