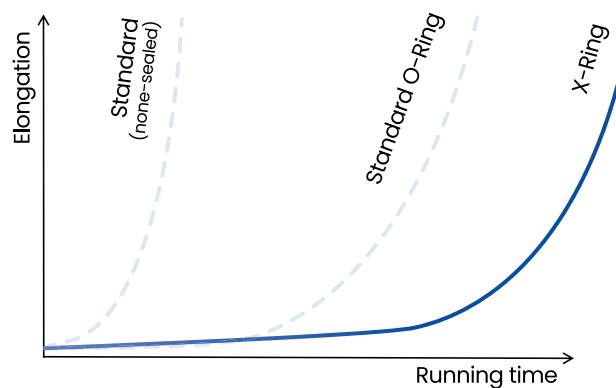




X-Ring

The X-Ring chain is designed for high-speed, maintenance-free performance in dusty and harsh environments. The pin bush area is sealed by an X-ring positioned between the inner and outer plates. This keeps the dust and pollution outside the pin bush area while keeping the lubrication inside, ensuring long-lasting performance. As an evolution of the O-Ring, the X-Ring provides a double seal effect that remains effective over time. Combined with a special pin, it minimizes friction for optimal performance.

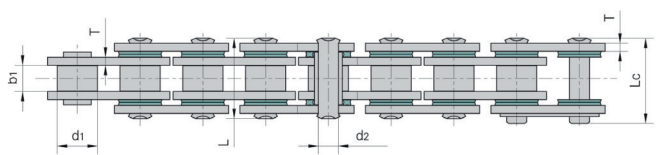
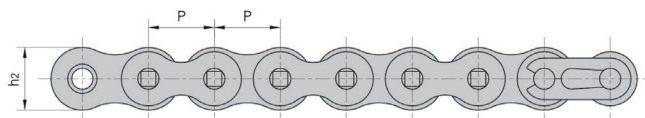


Technical highlights

- X-Ring material is FPM (Viton)
- Maintenance free
- Sealed pin bush area
- Durable in harsh environment applications (soil, sand, dust)
- Reduced friction due to special pin surface and X-shaped ring
- Extremely low energy consumption
- Extremely long service life
- Suitable for high chain speed applications
- Temperature range: -10 to 120 °C
- Special lubrication (DH-4)

Industries

- Motorcycle industry
- Agricultural machinery
- Building material industry
- Glass and ceramic industry
- Packaging industry



Donghua Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Tensile strength			Weight per meter
									Acc. to ISO	Acc. to Donghua		
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F min	F min	F Average	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kN	kg/m
ANSI-Simplex												
40-1 XR	12,700	7,95	7,85	3,96	18,30	17,80	12,00	1,50	14,10	14,10	17,50	0,67
50-1 XR	15,870	10,16	9,40	5,08	23,10	22,20	15,09	2,03	22,20	22,20	29,40	1,19
60-1 XR	19,050	11,91	12,57	5,94	28,50	27,70	18,00	2,42	31,80	31,80	41,50	1,62
80-1 XR	25,400	15,88	15,75	7,92	35,60	35,00	24,00	3,25	56,70	56,70	69,40	2,70
100-1 XR	31,750	19,05	18,90	9,53	43,30	44,70	30,00	4,00	88,50	88,50	109,20	3,91
Worksnorm												
520	15,875	10,20	6,25	5,09	20,10	21,10	15,09	2,03	-	28,00	29,40	1,00
520H	15,875	10,16	6,25	5,24	21,52	22,92	15,09	2,42	-	30,00	31,50	1,28
525	15,875	10,20	7,85	5,09	21,70	22,70	15,09	2,03	-	26,50	27,80	1,07
525H	15,875	10,16	7,95	5,30	23,10	24,50	15,09	2,42	-	26,50	27,80	1,44
525SH	15,875	10,30	7,85	5,39	23,26	-	15,00	2,42	-	38,25	40,20	1,20
530H	15,875	10,16	9,53	5,24	24,80	26,20	15,09	2,42	-	29,00	30,50	1,39
530SH	15,875	10,30	9,40	5,39	24,91	-	15,00	2,42	-	38,25	40,20	1,27



A
Outer Link



B
Inner Link



E
Connecting Link Spring



S
Connecting Link Cotter

Notes

- Duplex & Triplex chains are available in all sizes
- Double pitch conveyor chains are available on request
- Chains with straight side plates are available
- Different sizes are available on request
- Attachments are available on request

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