

DIREKT LIEFERBAR: DIESE O-RING und X-RING ROLLENKETTEN LAGERN IM KIM ZENTRALLAGER

Roller Chains for Power Transmission **Ultimate Life Chain Series**

O-Ring Chain (LD)/X-Ring Chain (LX)

Roller Chains for
Power Transmission

Ultimate Life
Chain Series



Highest wear resistance available by sealing grease between pins and bushings

The durability of chain is dramatically improved since grease is sealed between the pins and bushings by O-rings. The O-ring chain is the most dependable model of the Ultimate Life Chain Series with its excellent wear resistance even in the conditions or environments where chain maintenance is difficult.

Recommended uses.

- Circumstances where frequent chain replacement is required due to wear stretch
- Circumstances where lubrication during the service is impossible

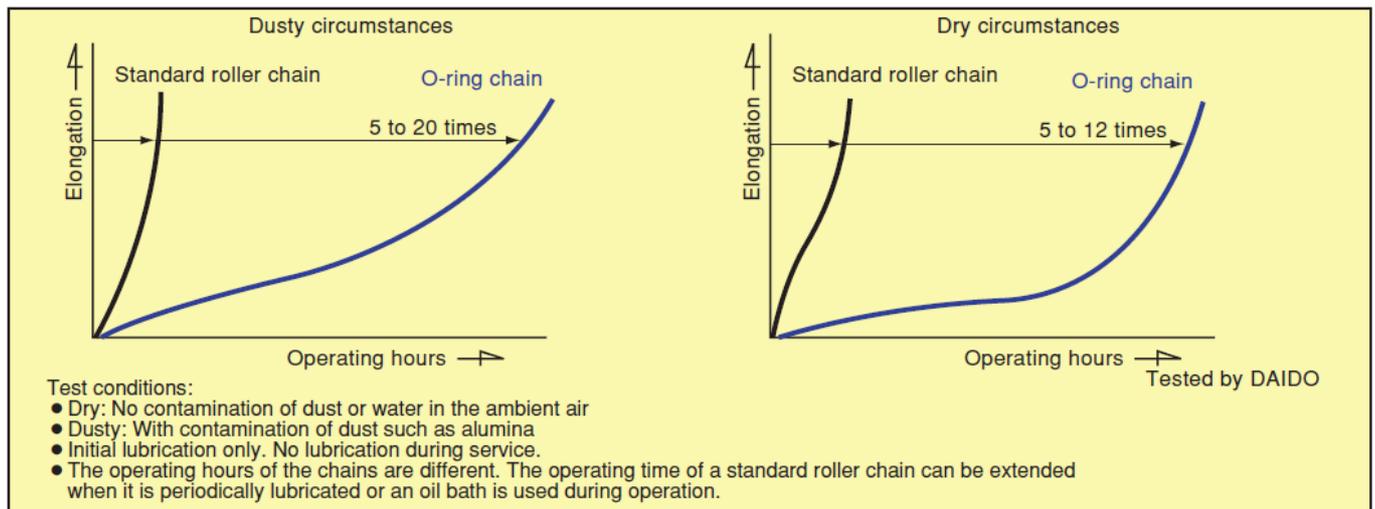
- In an environment with much soil, sand, dust, etc.
- Applications that require strength higher than that of a sintered bushing roller chain

Other features

- Reducing noise. (The noise level is 3 dB lower compared to standard roller chains.)
- Reducing vibration with the friction created by O-Ring. (The power loss due to the friction is almost negligible, since the frictional force between the pins and bushings is for usually in the applications.)

Also überall einsetzbar wo Schmutz, Staub, Sand, Späne normale Rollenketten den Garaus machen.

Wear resistance performance



TEMPERATURE

-10°C to + 80°C (+14°F to + 176°F)

• Table of dimensions

D.I.D Chain No.	Pitch P	RollerLink Width W	Bushing Dia D	Pin				Linkplate			Average Tensile Strength		MaxxAllowable Load		Approx. Weight (kg/m)
				d	E	F	f	T	H	h	kN	kgf	kN	kgf	
DID 08BL	12.70	7.75	8.51	4.45	19.9	20.2	10.8	1.50	11.9	11.9	17.26	1,900	3.92	400	0.74
DID 10BL	15.875	9.65	10.16	5.08	21.6	21.2	11.9	2.00	15.0	13.0	24.22	2,470	4.90	500	0.94
DID 12BL	19.05	11.68	12.07	5.72	25.9	26.5	14.1	1.80	16.1	16.1	29.81	3,040	5.59	570	1.42
DID 16BL	25.40	17.02	15.88	8.28	39.1	39.4	20.5	4.00	20.8	20.8	58.84	6,000	12.75	1,300	2.96
DID 40LD	12.70	7.95	7.92	3.96	20.0	20.0	10.6	1.50	12.0	10.4	18.1	1,850	3.72	380	0.67
DID 50LD	15.875	9.53	10.16	5.08	23.4	23.7	12.7	2.00	15.0	13.0	30.1	3,070	6.86	700	1.08
DID 60LD	19.05	12.70	11.91	5.95	28.8	29.8	15.9	2.40	18.1	15.6	42.8	4,370	9.31	950	1.62
DID 80LD	25.40	15.88	15.88	7.94	36.5	38.9	20.9	3.20	23.9	20.6	72.5	7,400	14.7	1,500	2.83
DID 100LD	31.75	19.05	19.05	9.54	44.0	46.2	24.7	4.00	29.9	26.0	107.0	11,000	22.5	2,300	4.07
DID 120LD	38.10	25.40	22.23	11.11	54.0	56.8	30.2	4.80	35.9	31.2	156.9	16,000	30.4	3,100	5.90
DID 140LD	44.45	25.40	25.40	12.71	58.6	69.2	40.2	5.60	41.9	36.3	196	20,000	40.2	4,100	7.87
DID 160LD	50.80	31.75	28.58	14.29	69.0	80.3	46.2	6.40	47.8	41.4	245	25,000	52.9	5,400	10.31
DID 200LD	63.50	38.10	39.68	19.85	83.8	96.5	55.0	8.00	60.0	52.0	428	43,700	73.5	7,500	16.89
DID 240LD	76.20	47.63	47.63	23.81	101.2	116.4	66.2	9.50	71.5	62.0	624	63,700	99.0	10,100	24.80

* Equals new sizes

Fragen Sie uns.

Mit freundlichen Grüßen,
Ben Sturme