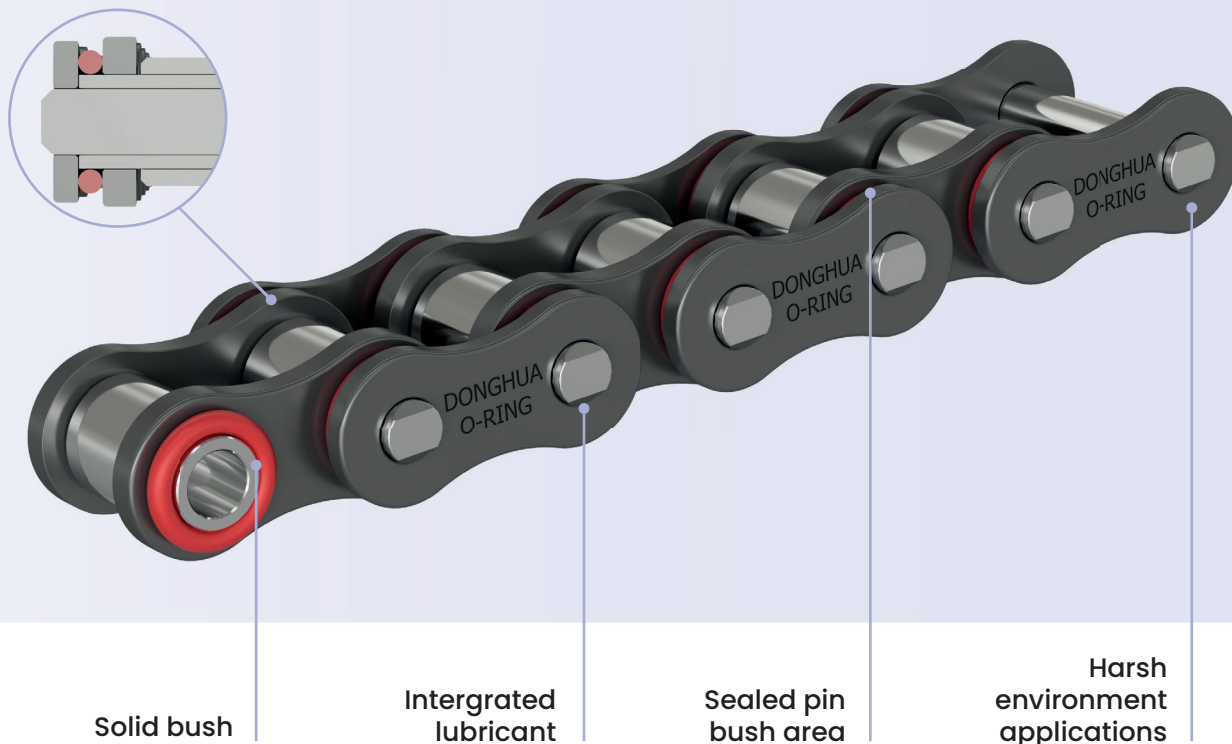


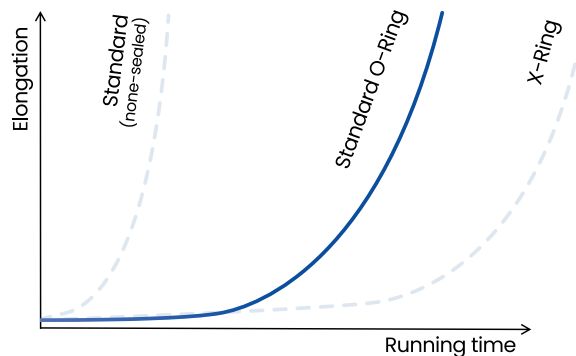
O-Ring

The solution for harsh, maintenance-free applications



O-Ring

O-Ring series offers a maintenance free option for dusty and harsh applications. The pin bush area is sealed by an O-Ring positioned between the inner and outer plates. This keeps the dust and pollution outside the pin bush area while keeping the lubrication inside. The O-Ring is available in NBR and FPM (Viton) material. The O-Ring is available for applications that require minimal friction and extended service life.

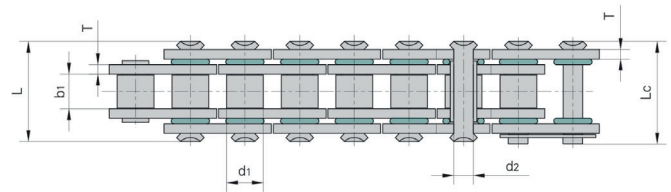
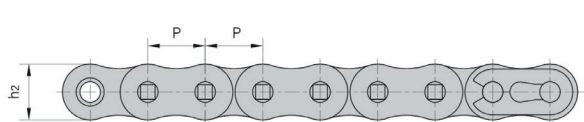


Technical highlights

- Standard O-Ring type is NBR
- Maintenance free
- Sealed pin bush area
- Durable in harsh environment applications (soil, sand, dust)
- Solid and extended bush
- Temperature range: -10 to 80 °C
- Special lubrication (DH-4)
- FPM (Viton) O-Ring available for higher speed applications

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			
										F min	F min		F Average
mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kN	kg/m	
BS-Simplex													
08B-1 OR	12,700	8,51	7,75	4,45	18,80	18,20	11,80	1,60	18,00	18,00	19,40	0,74	
10B-1 OR	15,875	10,16	9,65	5,08	23,10	20,90	14,70	1,70	22,40	24,80	27,50	1,00	
12B-1 OR	19,050	12,07	11,68	5,72	28,50	24,20	16,00	1,85	29,00	29,00	32,20	1,27	
16B-1 OR	25,400	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	60,00	64,80	72,00	2,85	
20B-1 OR	31,750	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00	96,00	106,70	4,04	
ANSI-Simplex													
40-1 OR	12,700	7,95	7,85	3,96	18,30	17,80	12,00	1,50	14,10	15,80	17,50	0,67	
50-1 OR	15,870	10,16	9,40	5,08	23,10	22,20	15,09	2,03	22,20	26,50	29,40	1,19	
60-1 OR	19,050	11,91	12,57	5,94	28,50	27,70	18,00	2,42	31,80	37,40	41,50	1,62	
60-1 HT OR	19,050	11,91	12,57	5,94	31,70	33,20	18,00	3,25	-	45,00	48,00	1,96	
80-1 OR	25,400	15,88	15,75	7,92	35,60	35,00	24,00	3,25	56,70	62,50	69,40	2,70	
100-1 OR	31,750	19,05	18,90	9,53	43,30	44,70	30,00	4,00	88,50	98,30	109,20	3,91	
Worksnorm													
420 OR	12,700	7,77	6,25	3,96	16,65	17,95	12,00	1,50	-	16,00	17,00	0,62	
420 H OR	12,700	7,77	6,25	3,96	18,80	20,10	12,00	2,03	-	16,00	17,00	0,74	
520 OR	15,875	10,16	6,70	5,30	21,20	22,30	15,09	2,20	-	32,00	34,00	1,11	
520 H OR	15,875	10,16	6,25	5,24	21,52	22,92	15,09	2,42	-	26,50	29,60	1,26	
525 OR	15,875	10,16	6,25	5,30	21,50	22,90	15,09	2,03	-	26,50	29,60	1,30	
525 H OR	15,875	10,16	7,95	5,30	23,10	24,50	15,09	2,42	-	26,50	29,60	1,44	
530 H OR	15,875	10,16	9,53	5,24	24,80	26,20	15,09	2,42	-	29,00	30,00	1,39	



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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