



Josef Henkenjohann GmbH

Your partner in drive
technology since 1956



Black Tiger
Maintenance-free Chain



Dura - durable, longer lasting
Cor- corrosion resistant
PM - self-lubricating sintered metal
Clean operation

DuraCor-PM Series



Telefon & Fax

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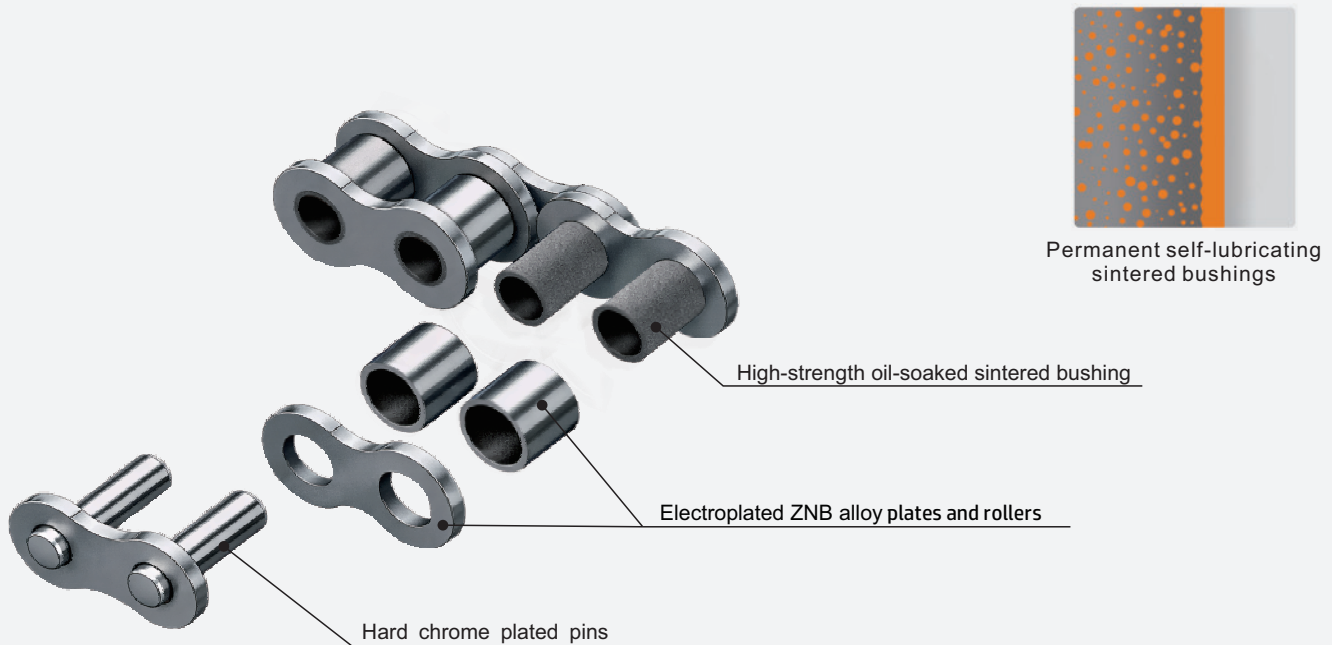
E-mail

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Standort

Kapellenweg 41, 33415 Verl



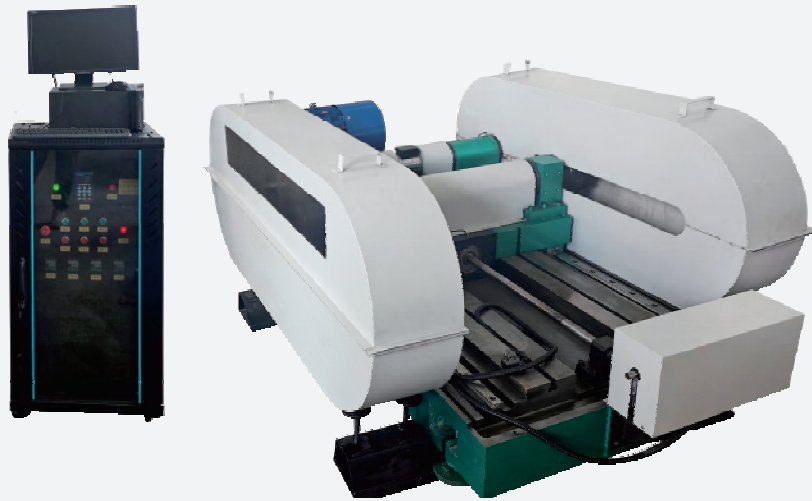
Technical features

Technology	Component	Specification	Function / Advantage
PM Technology	Sleeve material	Self-lubricating sintered metal, the oil content reaches 10%-13%.	Eliminates relubrication
ZNB Technology	Coating type	Electroplated zinc-nickel plating, up to: 10–12 µm.	Maximum corrosion protection (Cor)
Corrosion Performance	NSS resistance	ZNB coating: 1000 h NSS corrosion resistance according to ISO 9227(no red rust).	Exceeds standard DIN coatings
Hard chrome plating	Pin surface	The hardness reaches HV900(min)	Increases surface hardness and reduces wear

Application areas:

- Electrical Industry
- Printed Circuit Board (PCB) Manufacturing
- Home Appliance Manufacturing
- Packaging Industry
- Paper Processing
- Printing Industry
- Food Industry
- Textile Industry
- Automotive Industry
- All systems and equipment where re-lubrication is undesirable, difficult, or entirely impossible
- Engineered for maintenance-free operation in lubrication critical environments

The ultimate solution for systems where re-lubrication is difficult, costly or technically impossible!

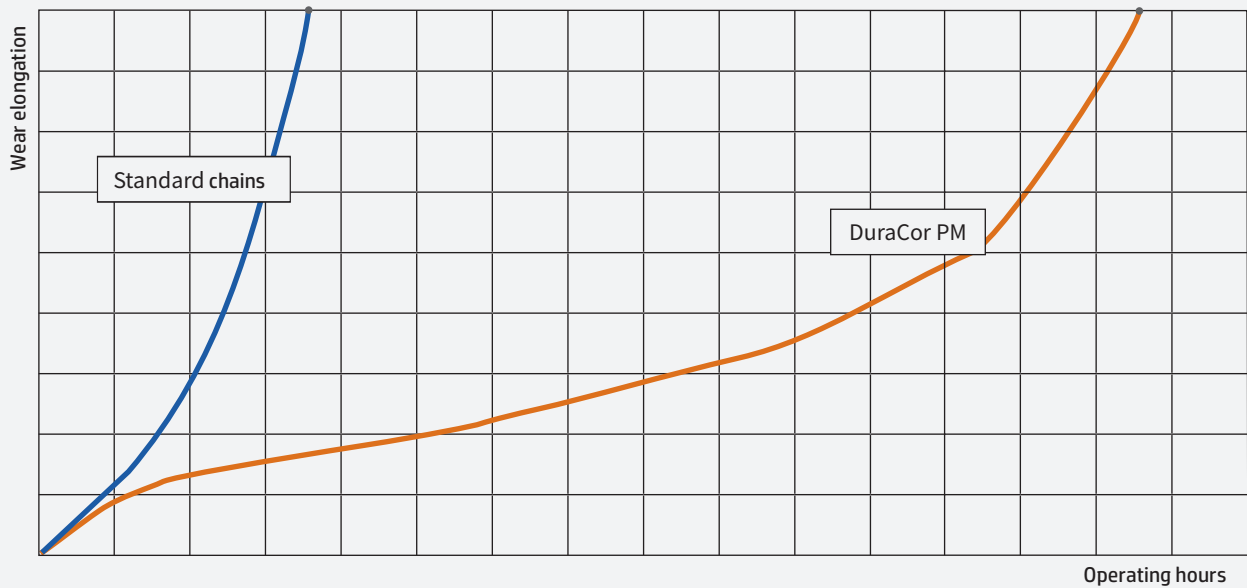


Chain Wear Testing Machine



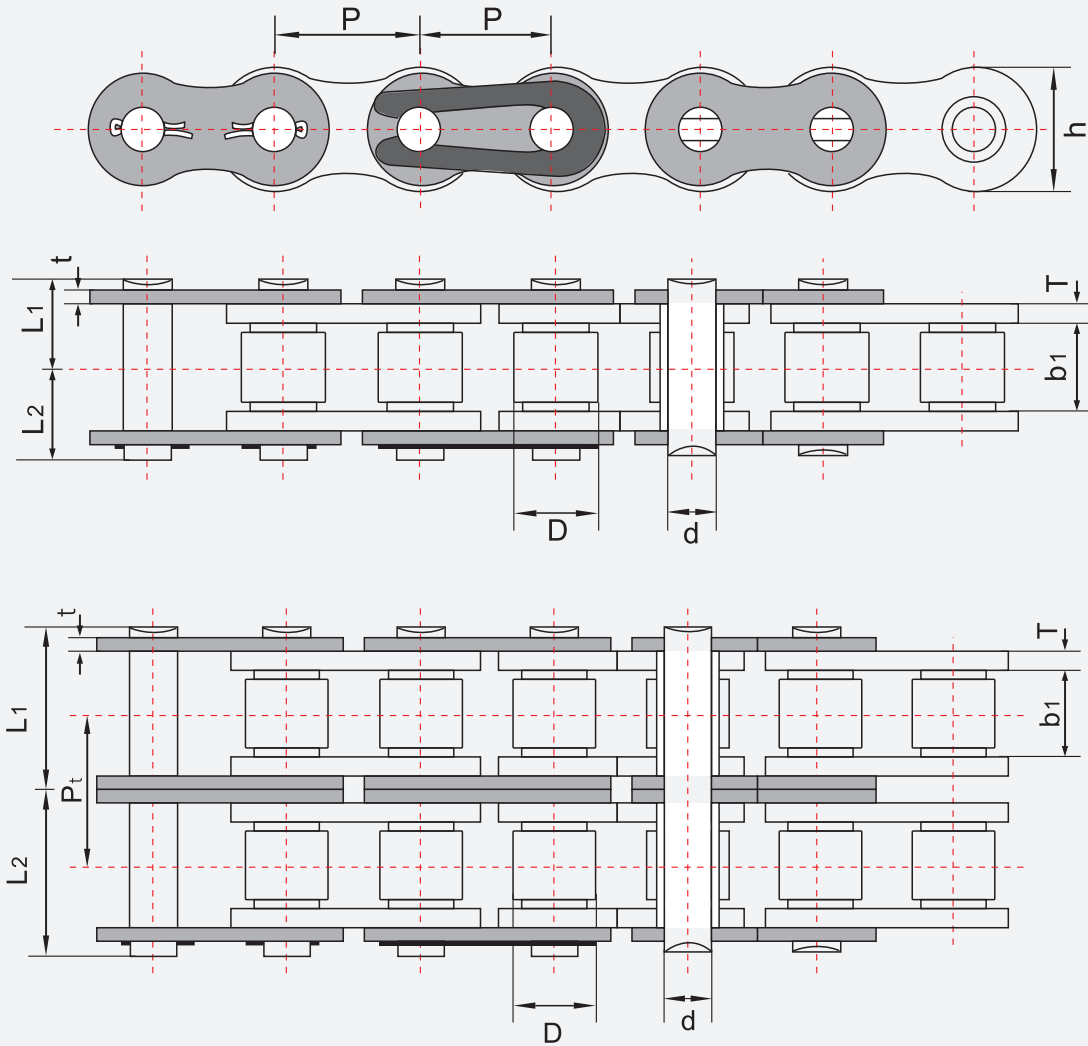
Breaking Load Testing Machine

Results of long-term wear tests





DuraCor PM Series Roller Chain DIN ISO 606 (DIN 8187)

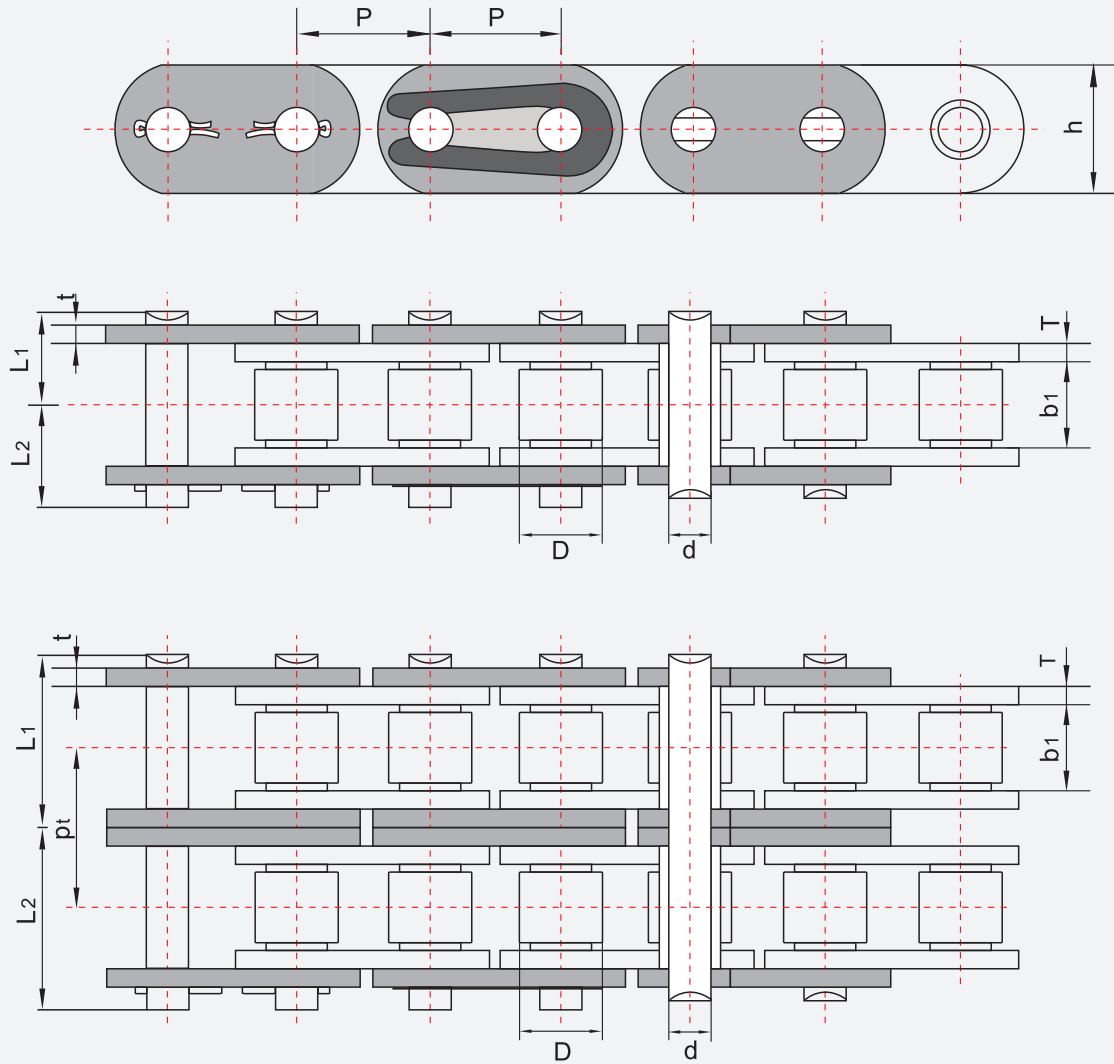


Henkenjohann No.	Chain No.	Pitch	Width between inner plates	Roller diameter	Pin			Plate		Transverse Pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P mm	b1(min) mm	D(max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Pt mm	Q(min) kN	Q ₀ kN	q kg/m
DC 01.124-000	08B-1DC-PM	12.7	7.75	8.51	4.45	8.5	9.9	11.8	1.65		17.8	20.5	0.75
DC 01.150-000	10B-1DC-PM	15.875	9.65	10.16	5.08	9.6	10.9	14.6	1.65		22.2	27.5	0.95
DC 01.190-000	12B-1DC-PM	19.05	11.68	12.07	5.72	11.0	12.4	16.0	1.80		28.9	32.5	1.22
DC 01.250-000	16B-1DC-PM	25.4	17.02	15.88	8.28	17.65	19.05	20.9	3.2/4		60.0	71.0	2.80
DC 02.124-000	08B-2DC-PM	12.7	7.75	8.51	4.45	15.5	16.9	11.8	1.65	13.92	31.1	37.0	1.47
DC 02.150-000	10B-2DC-PM	15.875	9.65	10.16	5.08	17.9	19.3	14.6	1.65	16.59	44.5	53.8	1.88
DC 02.190-000	12B-2DC-PM	19.05	11.68	12.07	5.72	20.75	22.15	16.0	1.80	19.46	57.8	65.3	2.42
DC 02.250-000	16B-2DC-PM	25.4	17.02	15.88	8.28	33.60	35.0	20.9	3.2/4	31.88	106.0	128.3	5.54

* Customized chain specifications can be provided upon request.



DuraCor PM Series Straight Plate Roller Chain DIN ISO 606 (DIN 8187)

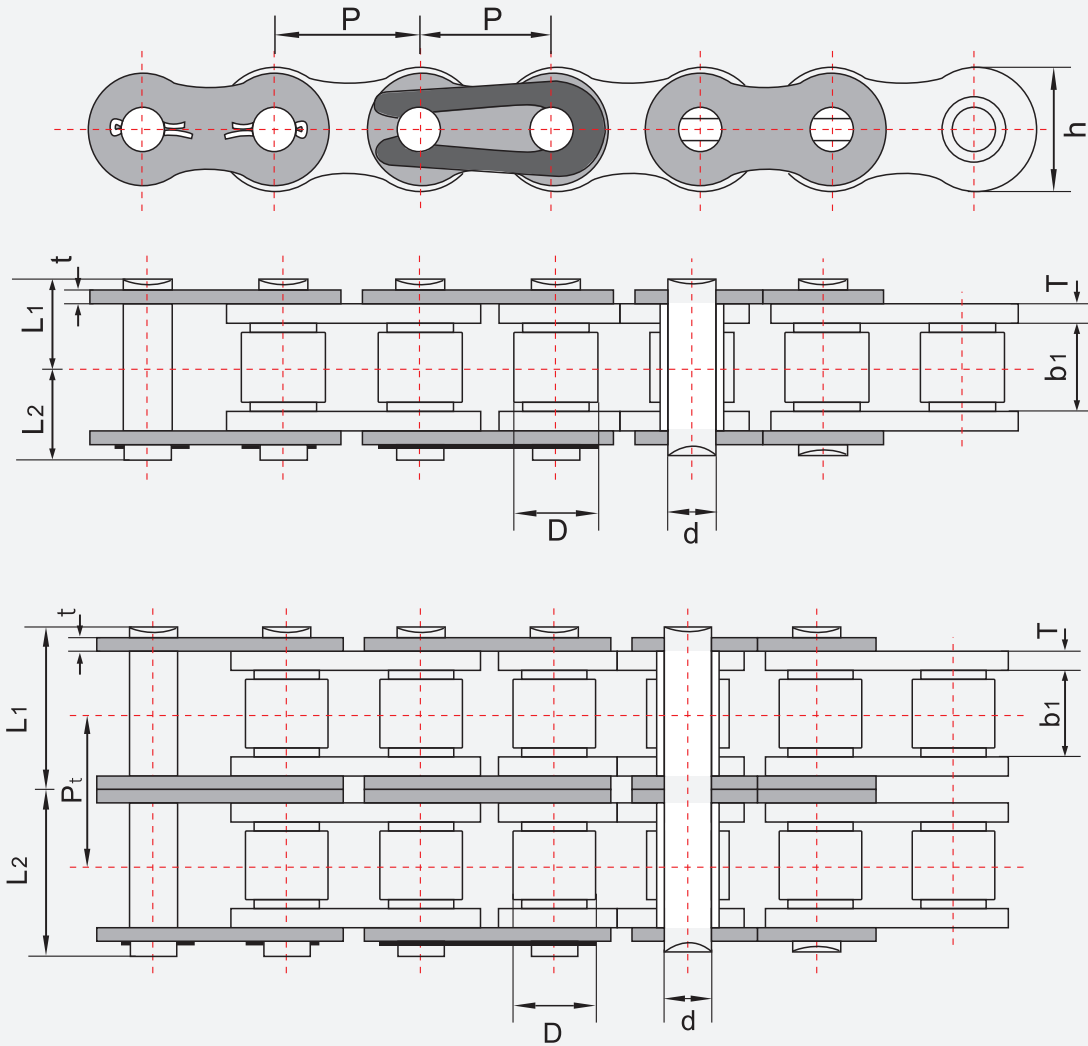


Henkenjohann No.	Chain No.	Pitch	Width between inner plates	Roller diameter	Pin			Plate		Transverse Pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P mm	b1(min) mm	D(max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Pt mm	Q(min) kN	Q ₀ kN	q kg/m
DC 01.124-000 GL	C08B-1DC-PM	12.7	7.75	8.51	4.45	8.5	9.9	11.8	1.65		17.8	20.5	0.85
DC 01.150-000 GL	C10B-1DC-PM	15.875	9.65	10.16	5.08	9.6	10.9	14.6	1.65		22.2	27.5	1.05
DC 01.190-000 GL	C12B-1DC-PM	19.05	11.68	12.07	5.72	11.0	12.4	16.0	1.80		28.9	32.5	1.31
DC 01.250-000 GL	C16B-1DC-PM	25.4	17.02	15.88	8.28	17.65	19.05	20.9	3.2/4		60.0	71.0	3.02
DC 02.124-000 GL	C08B-2DC-PM	12.7	7.75	8.51	4.45	15.5	16.9	11.8	1.65	13.92	31.1	37.0	1.68
DC 02.150-000 GL	C10B-2DC-PM	15.875	9.65	10.16	5.08	17.9	19.3	14.6	1.65	16.59	44.5	53.8	2.08
DC 02.190-000 GL	C12B-2DC-PM	19.05	11.68	12.07	5.72	20.75	22.15	16.0	1.80	19.46	57.8	65.3	2.59
DC 02.250-000 GL	C16B-2DC-PM	25.4	17.02	15.88	8.28	33.60	35.0	20.9	3.2/4	31.88	106.0	128.3	5.97

* Customized chain specifications can be provided upon request.



DuraCor PM Series Roller Chain ISO 606 (DIN8188)



Henkenjohann No.	Chain No.	Pitch	Width between inner plates	Roller diameter	Pin			Plate		Transverse Pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P mm	b1(min) mm	D(max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Pt mm	Q(min) kN	Q ₀ kN	q kg/m
DCA 01.124-000	40-1DC-PM	12.7	7.85	7.92	3.98	8.3	9.6	12.0	1.52		13.9	18.0	0.66
DCA 01.150-000	50-1DC-PM	15.875	9.40	10.16	5.09	10.25	10.9	15.0	2.00		21.8	31.0	1.05
DCA 01.190-000	60-1DC-PM	19.05	12.57	11.91	5.96	12.65	12.4	18.0	2.40		31.3	42.0	1.56
DCA 01.250-000	80-1DC-PM	25.4	15.75	15.88	7.92	16.2	17.9	23.5	3.20		55.6	70.2	2.67
DCA 02.124-000	40-2DC-PM	12.7	7.85	7.92	3.98	15.5	16.7	12.0	1.52	14.38	27.8	34.5	1.30
DCA 02.150-000	50-2DC-PM	15.875	9.40	10.16	5.09	19.3	20.7	15.0	2.00	18.11	43.6	59.5	2.08
DCA 02.190-000	60-2DC-PM	19.05	12.57	11.91	5.96	24.05	25.95	18.0	2.40	22.78	62.6	80.6	3.09
DCA 02.250-000	80-2DC-PM	25.4	15.75	15.88	7.92	30.75	33.15	23.5	3.20	29.29	111.2	134.8	5.29

* Customized chain specifications can be provided upon request.