

NEW RANGE OF CONVEYOR CHAINS

NEW

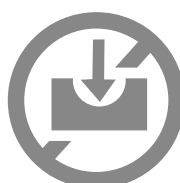
STEELS WITH HIGH MECHANICAL STRENGTH



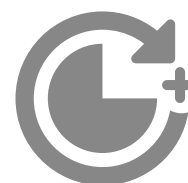
improved material
RESISTANCE & HARDNESS



Increased
BREAKING LOADS
(see table on next page)

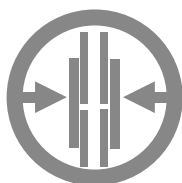


Better
WEAR RESISTANCE

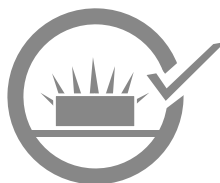


longer
SERVICE LIFE

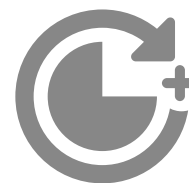
REINFORCED RIVETING



SIDE GRIP
improved in heavy use



REINFORCED RESISTANCE
to **shocks** et to **misalignment**



longer
SERVICE LIFE

Sedis references:

M

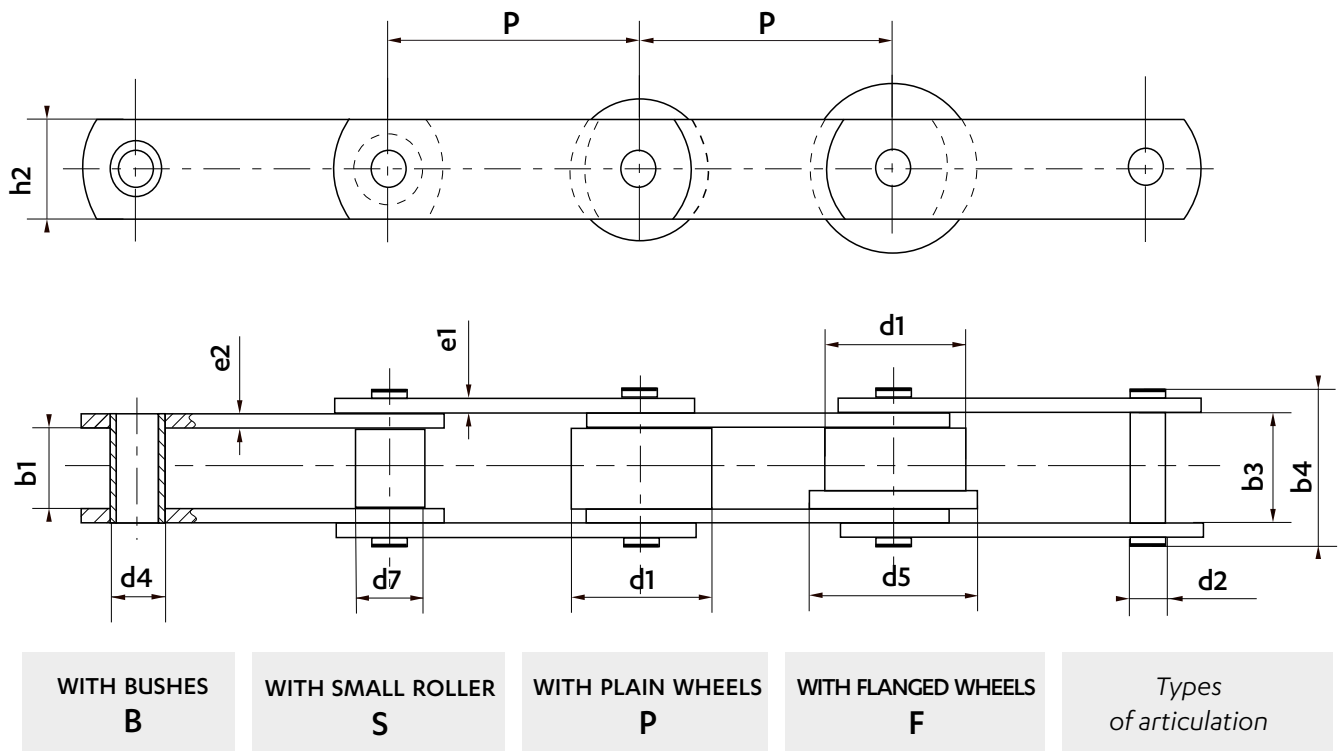
80

P

100

CHAIN TYPE	BREAKING LOAD	ARTICULATION TYPE	CHAIN PITCH
M SOLID PIN CONVEYOR CHAINS MC HOLLOW PIN CONVEYOR CHAINS MD DEEP LINK CONVEYOR CHAINS MR SCRAPER CONVEYOR CHAINS	Min. UTS of the chain (in kN) according to ISO standard Ex: 80 kN	B BUSH CHAIN S SMALL ROLLER CHAIN P CHAIN WITH PLAIN TREATED WHEELS F CHAIN WITH FLANGED TREATED WHEELS	P in mm Ex: 100mm

Dimensions in mm



NEW

Chain ref.	Pitch (intermediate pitches on request)													PLATES			ARTICULATION					WIDTH			ISO standard breaking load	SEDIS new range breaking load												
														Height	Thickness		Pin Ø	Bush Ø	Roller Ø	Wheel Ø	Flanged wheel Ø	between inner plates	between outer plates	over riveted pins														
	h2	e1	e2	d2	d4	d7	d1	d5	b1	b3	b4	Rr min.																										
	40	50	63	80	100	125	160	200	250	315	400	500	630	nom.	nom.	nom.	max.	max.	max.	max.	max.	min.	min.	max.			kN	Rr min. kN										
M 20	◆												17	2,5	2,5	6	9	12,5	25	32	15,5	22,5	30,6	20	20													
M 56			◆										30	4	4	10	15	21	42	50	23,2	33,6	47,4	56	65													
M 80													35	5	5	12	18	25	50	60	28	39,6	55,4	80	100													
M 112				◆									40	5	6	15	21	30	60	70	31	45,7	62	112	130													
M 160					◆								50	6	7	18	25	36	70	85	36	52,7	72	160	200													
M 224						◆							60	6	8	21	30	42	85	100	42	60,8	81,2	224	270													
M 315							◆						70	8	10	25	36	50	100	120	47,6	70,8	94,2	315	400													
M 450													80	10	12	30	42	60	120	140	55,5	82,9	112,5	450	570													
M 630													100	12	15	36	50	70	140	170	66	97	131,5	630	630													
M 900								◆					120	15	16	44	60	85	170	210	78	113	155	900	900													
Feasible													Despatch possible within 2 weeks													◆ The chains with these pitches can only be made with bushes (B) and small rollers (S)												

ISO STANDARD CONVEYOR CHAINS CAN BE MADE WITH :

DELTA® PINS
ANTI-WEAR

ANTI-CORROSION
COATINGS

VERTE CHAIN
MAINTENANCE-FREE

Further information on pages 19 to 21.

BS STANDARD CHAINS

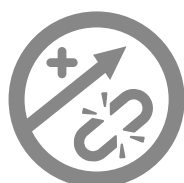
NEW RANGE OF CONVEYOR CHAINS

NEW

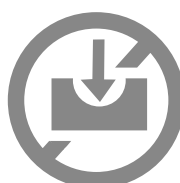
STEELS WITH HIGH MECHANICAL STRENGTH



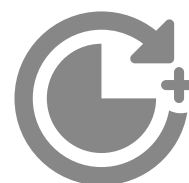
improved material
RESISTANCE & HARDNESS



Increased
BREAKING LOADS
(see table on next page)

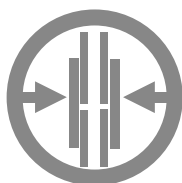


Better
WEAR RESISTANCE

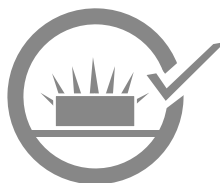


longer
SERVICE LIFE

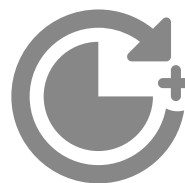
REINFORCED RIVETING



SIDE GRIP
improved in heavy use



REINFORCED RESISTANCE
to **shocks** et to **misalignment**



longer
SERVICE LIFE

Sedis references:

M

68

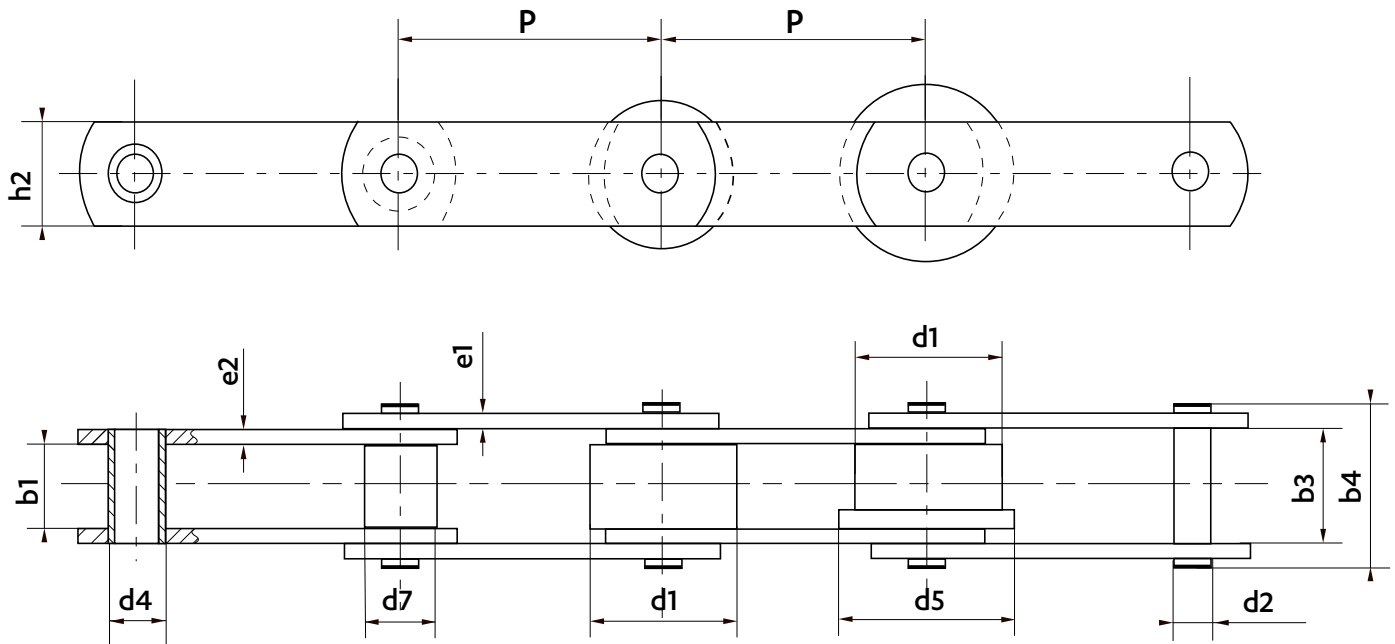
F

100

CHAIN TYPE	BREAKING LOAD	ARTICULATION TYPE	CHAIN PITCH
M SOLID PIN CONVEYOR CHAINS MC HOLLOW PIN CONVEYOR CHAINS MD DEEP LINK CONVEYOR CHAINS MR SCRAPER CONVEYOR CHAINS	Min UTS of the chain (in kN) according to the BS standard Ex: 68 kN	B BUSH CHAIN S SMALL ROLLER CHAIN P CHAIN WITH PLAIN TREATED WHEELS F CHAIN WITH FLANGED TREATED WHEELS	P in mm Ex: 100mm

BS STANDARD CHAINS - GENERAL DIMENSIONS

Dimensions in mm



WITH BUSHES
B

WITH SMALL ROLLER
S

WITH PLAIN WHEELS
P

WITH FLANGED WHEELS
F

Types
d'articulations

NEW

Chain ref.	Pitch (intermediate pitches on request)												PLATES			ARTICULATION				WIDTH			Standardized breaking load	SEDIS new range breaking load		
	50	60	75	100	125	135	150	160	175	200	250	315	Height h2	Thickness		Pin Ø d2	Bush Ø d4	Roller Ø d7	Wheel Ø d1	Flanged wheel Ø d5	between inner plates b1	between outer plates b3			over riveted pins b4	Rr min. kN
														e1	e2											
	nom.	nom.	nom.	nom.	nom.	nom.	nom.	nom.	nom.	nom.	nom.	nom.	nom.	nom.	nom.	max.	max.	max.	max.	max.	min.	min.	max.	kN	kN	
M 22													20	3	3	7,94	11,58	18	25	32	16	23	32,8	20	20	
M 35 (ZM34)													25	4	4	14	18,4	25	31,9	42	15,2	25,3	38,2	34	34	
M 68 (ZM68)													40	5	5	19	23,7	32	48	60	19	31,6	48,5	68	90	
M 100													40	5	7	19	26	32	48	60	21	37	53,4	100	120	
M 140													50	5	8	24	32	48	70	90	26	46	63	140	160	
M 200													50	6	8	24	32	48	70	90	26	46	65	200	200	
M 270													60	8	8	28	38	55	90	115	38	58	81	270	330	
M 400													70	10	12	29,05	38	60	100	127	38	66	94	400	490	

Feasible

Despatch possible within 2 weeks

♦ The chains with these pitches can only be made with bushes (B) and small rollers (S)

BS STANDARD CONVEYOR CHAINS CAN BE MADE WITH :

DELTA® PINS
ANTI-WEAR

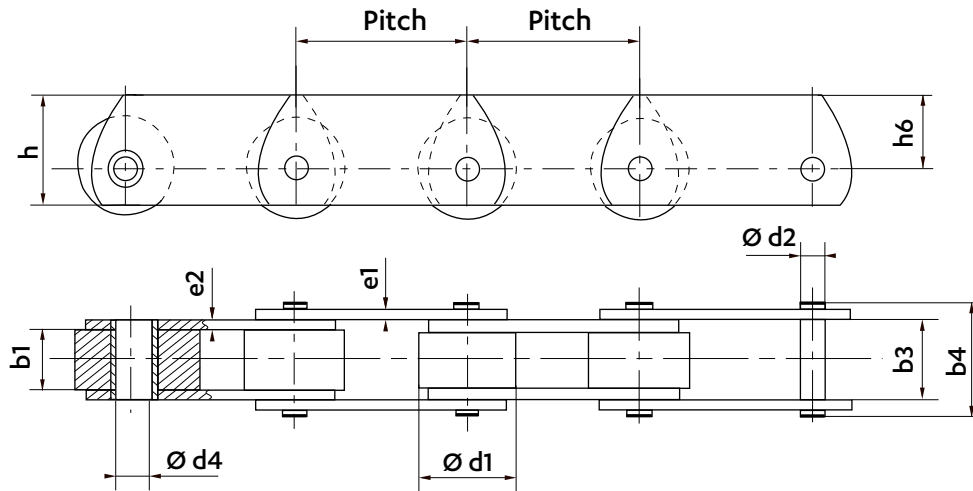
ANTI-CORROSION
COATINGS

VERTE CHAIN
MAINTENANCE-FREE

Further information on pages 19 to 21.

DEEP LINK CONVEYOR CHAINS **MD-ISO**

Dimensions in mm

**NEW**

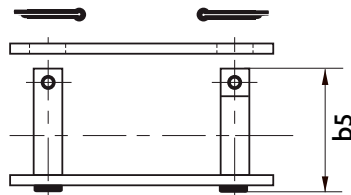
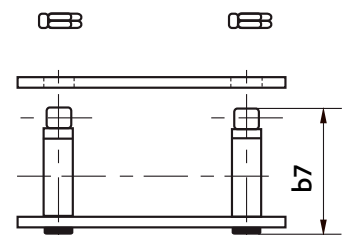
Chain ref	Pitch (intermediate pitches on request)												PLATES				DIAMETER			WIDTH					Standardized breaking load	SEDIS new range breaking load		
													Height		Thickness		Bush	Pin	Wheel	between inner plates		over riveted pins	over conn. link N°208	over conn. link N°209				
	h	h6	e1	e2	d4	d2	d1	b1	b3	b4	b5	b7																
	40	50	63	80	100	125	160	200	250	315	400	500	630	nom.	nom.	nom.	nom.	max.	max.	max.	min.	min.	max.	max.			max.	Rr min. kN
MD 20													25	16	2,5	2,5	9	6	25	15,5	22,5	30,6	33,2	-	20	20		
MD 56													45	30	4	4	15	10	42	23,2	33,6	47,4	52,5	53,5	56	65		
MD 80													50	32,5	5	5	18	12	50	28	39,6	55,4	60,5	64	80	100		
MD 112													60	40	5	6	21	15	60	31	45,7	62	67,1	72,5	112	130		
MD 160													70	45	6	6	25	18	70	36	52,7	72	78,7	85,7	160	200		
MD 224													90	60	6	8	30	21	85	42	60,8	81,2	87,5	96,5	224	270		
MD 315													100	65	8	10	36	25	100	47,6	70,8	94,2	103	113	315	400		
MD 450													120	80	10	12	42	30	120	55,5	82,9	112	121	140	450	570		
MD 630													140	90	12	14	50	36	140	66	97	131,5	148	158,5	630	630		
MD 900													180	120	14	16	60	44	170	78	113	155	172	186	900	900		
	Feasible																											

DEEP LINK CONVEYOR CHAINS CAN BE MADE WITH :

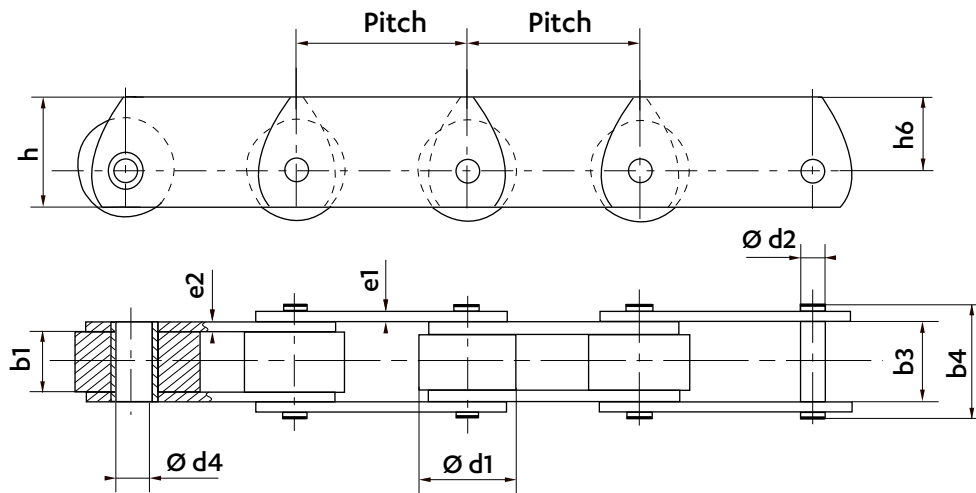
DELTA® PINS
ANTI-WEARANTI-CORROSION
COATINGSVERTE CHAIN
MAINTENANCE-FREE

Further information on pages 19 to 21.

CONNECTING LINKS

REF N° 208
Cottered connecting linkREF N° 209
Connecting link with self-locking nuts

Dimensions in mm



NEW

Chain ref	Pitch (intermediate pitches on request)																		PLATES				DIAMETER			WIDTH					standard breaking load	SEDIS new range breaking load	
																			Height		Thickness		Bush	Pin	Wheel	between inner plates		over riveted pins		over conn. link N°208			over conn. link N°209
																			h	h6	e1	e2				d4	d2	d1	b1				
	50	50,8	60	63,5	75	76,2	88,9	100	101,6	125	127	150	152,4	160	200	203,2	250	254	nom.	nom.	nom.	nom.	max.	max.	max.	min.	min.	max.	max.	max.	Rr min.	Rr min.	
MD 22																			25	15	3	3	12	8	25	16	23	34	35,5	-	20	20	
MD 35																			35	21,5	4	4	18,4	14	32	15,2	25,3	38,2	43,2	48,5	34	34	
MD 68																			50	30	4	5	23,7	19	48	19	31,6	48	56	61	68	90	
MD 100																			50	30	5	7	26	19	48	21	37	53,4	61,3	65	100	120	
MD 140																			70	45	5	8	32	24	70	26	46	63	70	81	140	160	
MD 200																			70	45	6	8	32	24	70	26	46	65	72	83,6	200	200	
MD 270																			90	60	8	8	38	28	90	38	58	82	89	98	270	330	
MD 400																			110	75	10	12	38	29	100	38	66	94	-	113	400	490	
Feasible																																	

Feasible

DEEP LINK CONVEYOR CHAINS CAN BE MADE WITH :

DELTA® PINS
ANTI-WEAR

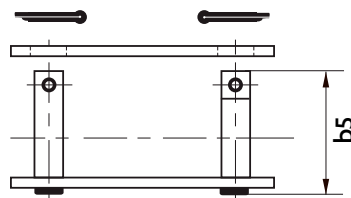
ANTI-CORROSION
COATINGS

VERTE CHAIN
MAINTENANCE-FREE

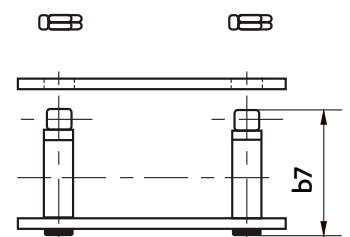
Further information on pages 19 to 21.

CONNECTING LINKS

REF N° 208
Cottered connecting link

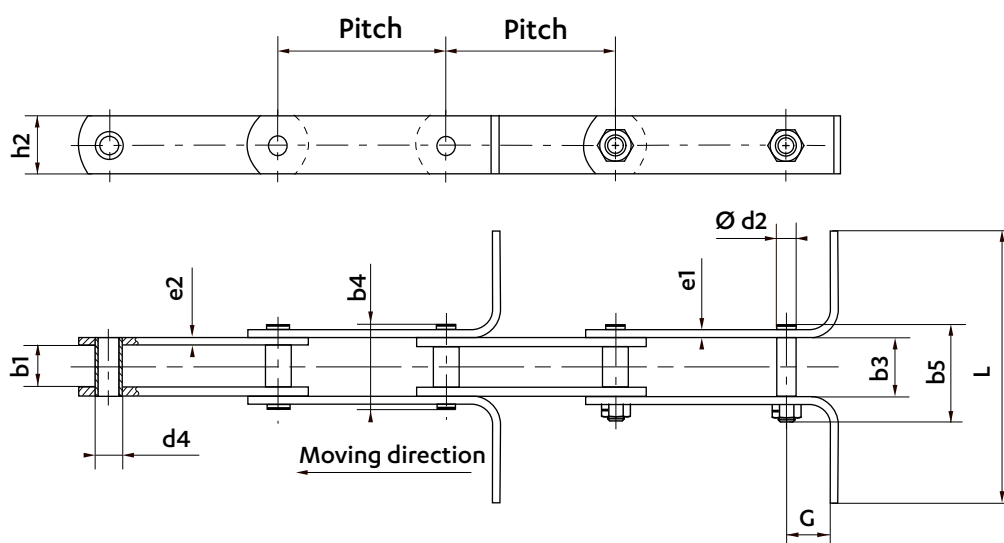


REF N° 209
Connecting link with
self-locking nuts



SCRAPER CHAINS **MR** - ISO

Dimensions in mm

**NEW**

Chain ref	Pitch			PLATES			DIAMETER		WIDTH				SCRAPERS		Standardized breaking load Rr min. kN	SEDIS new range breaking load kN
	100	125	160	Height h_2	Thickness e_1 e_2		Bushes d_4	Pins d_2	between inner plates b_1 min.	between outer plates b_3 min.	over riveted pins b_4 max.	over conn. link N°209 b_7 max.	scraper bending G	scraper length $L^{(1)}$ max.		
MR 56				30	4	4	15	10	23,2	33,6	47,4	53,5	26	330	56	65
MR 80				35	5	5	18	12	28	39,6	55,4	60	28	350	80	100
MR 112				40	5	6	21	15	31	45,7	62	67,1	30	430	112	130
MR 160				50	6	7	25	18	36	52,7	72	78,7	35	480	160	200
MR 224				60	6	8	30	21	42	60,8	81,2	87,5	39	500	224	270
MR315				70	8	10	36	25	48	70,8	94,2	113	50	500	315	400

Feasible

For any other pitch or dimensions, consult us

(1) It is possible to make scrapers with different lengths "L", consult us.
Scrapers can be drilled on request.

SCRAPER CONVEYOR CHAINS CAN BE MADE WITH :

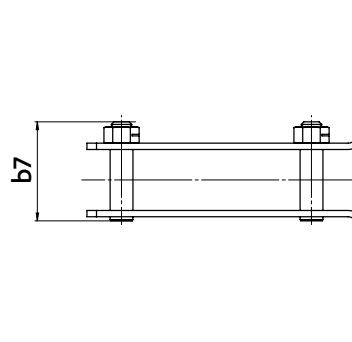
DELTA® PINS
ANTI-WEAR

**ANTI-CORROSION
COATINGS**

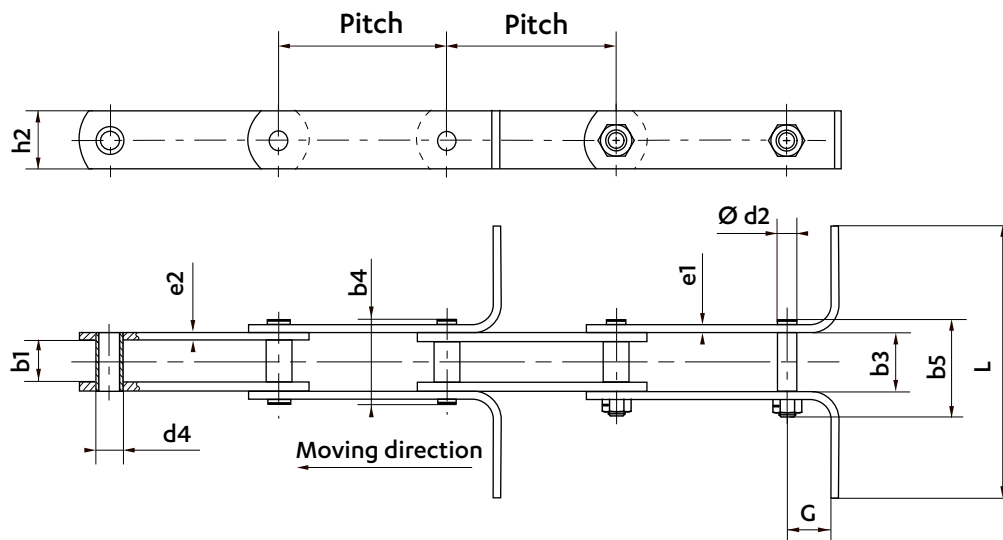
Further information on pages 19 to 21.

CONNECTING LINKS

REF N° 209
Connecting link with self-locking nuts



Dimensions in mm

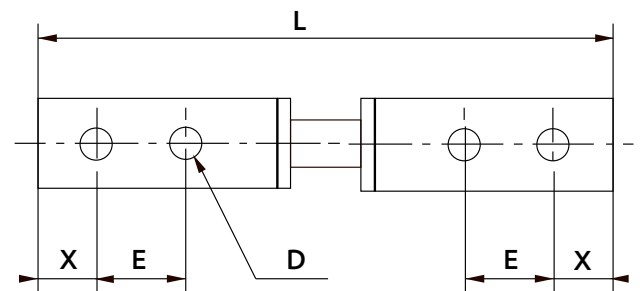


NEW

Chain ref	Pitch (intermediate pitches on request)							PLATES		DIAMETER		WIDTH				SCRAPERS			Standardized breaking load kN	SEDIS new range breaking load kN
	50	75	100	125	150	160	175	Height	Thickness	Bushes	Pins	between inner plates		over riveted pins		over conn. link N°209	scraper bending	scraper length	scraper cross section	
								h2 nom.	e1 nom. e2 nom.	d4 max.	d2 max.	b1 min.	b3 min.	b4 max.	b7 max.	G	L ⁽¹⁾ max.	cm²	Rr min.	Rr min.
MR 35								27	4 4	18,4	14	15,2	25,3	38,2	48,7	30	250	1,1	35	35
MR 68								40	5 5	23,7	19	19,0	31,6	48,0	61,0	30		2,0	68	90
MR 100								40	7 7	26,0	19	21,0	37,0	57,4	69,0	37		2,8	100	120
MR 140								50	6 8	32,0	24	26,0	46,0	65,0	83,6	42	480	3,5	140	160
MR 200								50	6 8	32,0	24	26,0	46,0	65,0	83,6	42		3,5	200	200
MR 270								60	8 8	38,0	28	38,0	58,0	81,0	98,0	48		4,8	270	330
MR 400								70	10 12	38,0	29	38,0	66,0	94,0	113	45		7,0	400	490

Feasible

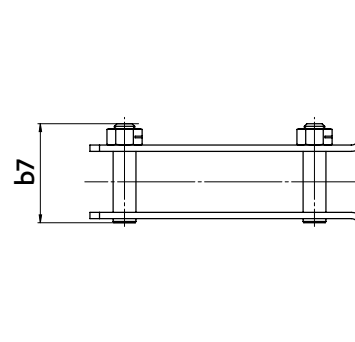
Chain	DRILLING			
	Overall width	hole Ø	holes center distance	Distance hole - side
	L	D	E	X
MR 35		6,5	40	10 ou 15
MR 68	< 240	7,0	40	
	< 240	7,0	60	
	> 240	10,0	56	
MR100	< 300	7,0	90	
	> 300	10,0	85	
MR 140	< 290	9,0	70	
MR 200	< 290	10,0	60	
MR 270	< 290	9,0	85	
	> 290	10,0	85	



(1) It is possible to make scrapers with different lengths "L", consult us. Scrapers can be drilled on request.

CONNECTING LINKS

REF N° 209
Connecting link with self-locking nuts



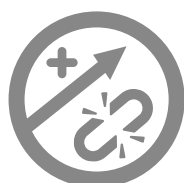
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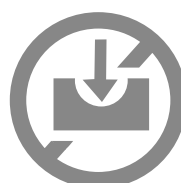
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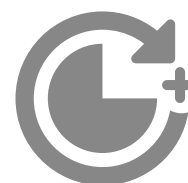
improved material
RESISTANCE & HARDNESS



Increased
BREAKING LOADS
(see table on next page)

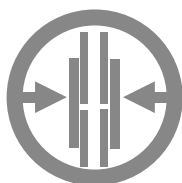


Better
WEAR RESISTANCE

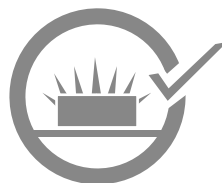


longer
SERVICE LIFE

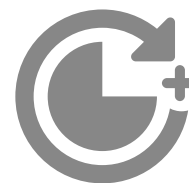
REINFORCED RIVETING



SIDE GRIP
improved in heavy use



REINFORCED RESISTANCE
to **shocks** et to **misalignment**



longer
SERVICE LIFE

Sedis references:

MC

56

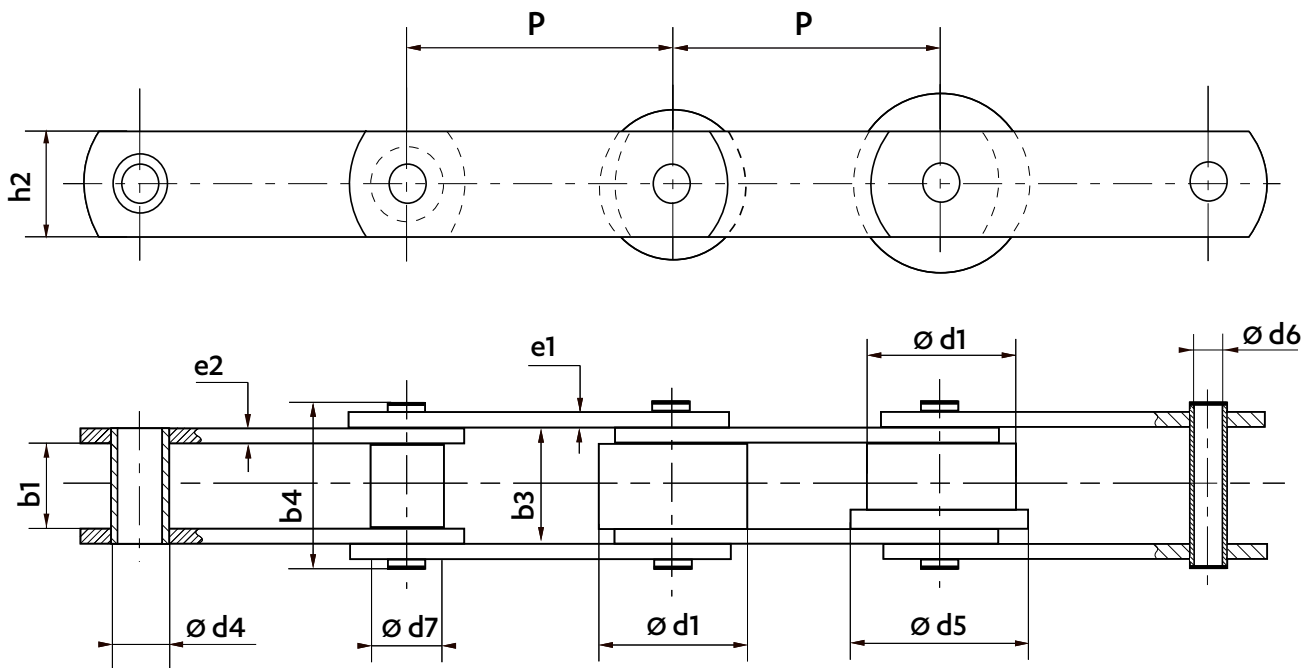
P

100

CHAIN TYPE	BREAKING LOAD	ARTICULATION TYPE	CHAIN PITCH
M SOLID PIN CONVEYOR CHAINS MC HOLLOW PIN CONVEYOR CHAINS MD DEEP LINK CONVEYOR CHAINS MR SCRAPER CONVEYOR CHAINS	Min UTS of the chain (in kN) according to the standard Ex: 56 kN	B BUSH CHAIN S SMALL ROLLER CHAIN P CHAIN WITH PLAIN TREATED WHEELS F CHAIN WITH FLANGED TREATED WHEELS	P in mm Ex: 100mm

ISO & BS STANDARD CHAINS - GENERAL DIMENSIONS

Dimensions in mm



WITH BUSHES
B

WITH SMALL ROLLER
S

WITH PLAIN WHEELS
P

WITH FLANGED WHEELS
F

Types
of articulation

NEW

Chain ref.		Pitch (intermediate pitches on request)												PLATES			ARTICULATION				WIDTH			Standardized breaking load	SEDIS new range breaking load		
														Height	Thickness		Hollow pin bore Ø	Bush Ø	Roller Ø	Wheel Ø	Flanged wheel Ø	between inner plates	between outer plates			over riveted pins	
															e1	e2											d6
		50	60	75	80	100	125	135	150	160	175	200	250	315	h2 nom.	e1 nom.	e2 nom.	d6 min.	d4 max.	d7 max.	d1 max.	d5 max.	b1 min.	b3 min.	b4 max.	Rr kN	Rr min. kN
BS factory standard	MC27 (ZM28)													27	4	4	10,2	18,4	25	31,9	42	15,2	25,3	37,1	34	34	
	MC55													40	4	5	13,3	23,7	32	48	60	19	31,6	48	68	68	
	MC110													50	5	8	20,4	32	48	70	90	26	44	62	110	110	
ISO standard	MC56													35	4	5	10,2	21	-	50	60	24	33,7	46,6	56	70	
	MC112													50	5	6	14,3	30	-	70	88	32	45,7	64,8	112	130	
		Feasible												Despatch possible within 2 weeks													

Feasible

Despatch possible within 2 weeks

ISO & BS STANDARD HOLLOW PIN CONVEYOR CHAINS CAN BE MADE WITH :

DELTA® PINS
ANTI-WEAR

**ANTI-CORROSION
COATINGS**

VERTE CHAIN
MAINTENANCE-FREE

Further information on pages 19 to 21.