



DRIVE DESIGN
AND TECHNICAL MANUAL

EXTRUDED TIMING BELT
OPEN ENDED LINEAR
CURVILINEAR TOOTH

**DRIVE BELT
TECHNOLOGY .**

SECTION 2.2.6 | TIMING BELTS | POLYURETHANE BELTS

DIN 7721 -ISO13050 / IP27 RMA-MPTA

EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH (HTD) 3M, 5M, 8M, 14M; (STD) S3M, S5M, S8M, S14M; (RPP) R5M, R8M, R14M ALSO AVAILABLE IN DUAL SIDED D5M, D8M

FEATURES

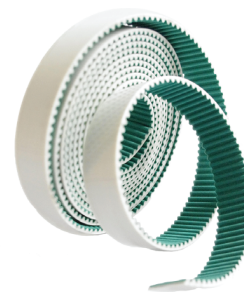
Manufactured in thermoplastic polyurethane with or without special polyamide green fabric ensures low friction and resistance to abrasion. High resistance S and Z parallel steel tension members deliver high traction and breaking load, extremely low elongation and great flexibility.

Oil and grease resistance with moderate resistance to some acids and alkali

Linear speed up to 70 m.s-1, high abrasion resistance

Standard roll length of 50m or 100m at +/- 1%

Meets RoHS and REACH requirements



This belt is best suited for linear motion and synchronous conveying systems.

STRUCTURE DETAILS

Polyurethane Body

Extruded with high quality 92 shore A thermoplastic polyurethane (TPU), it enables those belts to reach high strength, great flexibility, wear resistance on shock while offering requested teeth rigidity and dimensionnal stability.

Tensile cord

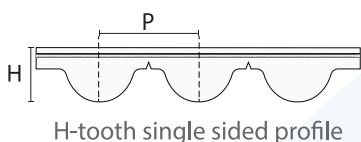
High resistance S and Z parallel steel tension members to deliver high traction and breaking load, extremely low elongation and great

flexibility. Belts can also be produce with aramid cords according to applications requirements for is non magnetic drives.

Cover Fabric

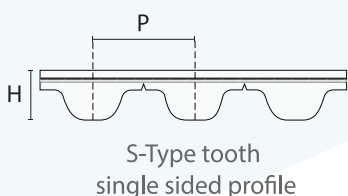
Special polyamid green fabric to ensure low friction, resistance to abrasion, protect the teeth in their perfecting matching with pulleys, low noise. This polyamid coating is available either on teeth only or back only and also on both teeth and back.

Dimensions



ISO 13050	OE-3M	OE-5M	OE-8M	OE-14M
Pitch (mm)	3,0	5,0	8,0	14,0
Height (mm)	1.17	2.06	3.38	6.02
Width (mm)	1.78	3.05	5.15	9.40
Foot radius (mm)	0.26	0.42	0.70	1.25
Head radius (mm)	0.87	1.49	2.46	4.50
Belt thickness (mm)	2,4 +/- 0,2	3,8 +/- 0,2	5,6 +/- 0,3	10,0 +/- 0,45
Min. Number teeth on pulley without back bending	20	16	18	28
Min. Diameter of idler (mm)	30	25	50	120
Min. Number teeth on pulley with back bending	20	16	30	28
Min. Diameter of back idler (mm)	30	50	120	180

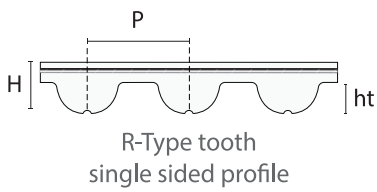
1: Maximum traction load is half of open ended belt, to be used only with conveying applications



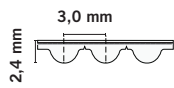
ISO 13050	OE-S5M	OE-S8M	OE-S14M
Pitch (mm)	5,0	8,0	14,0
Height (mm)	3.25	5.20	5.30
Width (mm)	1.91	3.05	9.10
Foot radius (mm)	0.50	0.80	1.40
Head radius (mm)	0.50	0.80	1.40
Belt thickness (mm)	3,4 +/- 0,2	5,30 +/- 0,3	10,20 +/- 0,4
Min. Number teeth on pulley without back bending	16	18	32
Min. Diameter of idler (mm)	30	50	140
Min. Number teeth on pulley with back bending	25	30	32
Min. Diameter of back idler (mm)	60	120	250

1: Maximum traction load is half of open ended belt, to be used only with conveying applications

2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH

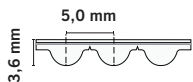


ISO 13050	OE-R5M	OE-R8M	OE-R14M
Pitch (mm)	5,0	8,0	14,0
Height (mm)	1,95	3,20	6,00
Width (mm)	3,30	5,50	9,50
Foot radius (mm)	0,60	1,00	1,75
Head radius (mm)	3,50	5,50	10,00
Belt thickness (mm)	3,8 +/- 0,2	5,4 +/- 0,3	9,7 +/- 0,4
Min. Number teeth on pulley without back bending	16	18	32
Min. Diameter of idler (mm)	30	50	140
Min. Number teeth on pulley with back bending	25	30	32
Min. Diameter of back idler (mm)	60	120	200



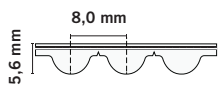
OE-3M

Belt Width (mm)	10	15	25	50	100
Max Traction Load (N)	310	515	905	1870	3810
Breaking Strentgh (N)	1270	2030	3540	7280	15780
Belt Weight (g/m)	20	30	60	120	240



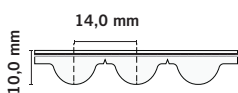
OE-5M

Belt Width (mm)	10	15	25	50	75	100
Max Traction Load (N)	930	1550	2660	5530	8450	11300
Breaking Strentgh (N)	3370	5450	9760	20170	30700	41180
Belt Weight (g/m)	50	70	120	240	360	480



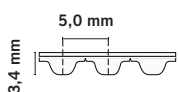
OE-8M

Belt Width (mm)	10	15	20	30	50	85	100
Max Traction Load (N)	1500	2200	3200	4700	8600	14750	17500
Breaking Strentgh (N)	5600	8500	12250	18000	33200	56000	67500
Belt Weight (g/m)	70	100	140	210	350	595	700



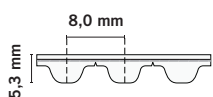
OE-14M

Belt Width (mm)	25	40	55	85	115	150
Max Traction Load (N)	5200	9100	12400	19600	26800	35500
Breaking Strentgh (N)	19200	33200	45600	71800	97800	130000
Belt Weight (g/m)	280	450	600	950	1250	1700



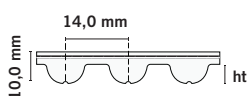
OE-S5M

Belt Width (mm)	10	15	25	50	100
Max Traction Load (N)	940	1580	2690	5600	11300
Breaking Strentgh (N)	3400	5500	9780	20200	41150
Belt Weight (g/m)	50	70	120	240	480



OE-S8M

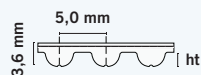
Belt Width (mm)	10	15	20	30	50	85	100
Max Traction Load (N)	1500	2200	3200	4700	8600	14750	17500
Breaking Strentgh (N)	5600	8500	12250	18000	33200	56000	67500
Belt Weight (g/m)	70	100	140	210	350	595	700



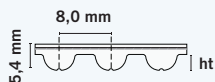
OE-S14M

Belt Width (mm)	40	55	85	115
Max Traction Load (N)	12700	17800	28350	39000
Breaking Strentgh (N)	48000	67300	105700	147500
Belt Weight (g/m)	500	700	1070	1450

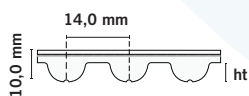
2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH



OE-R5M						
Belt Width (mm)	10	15	25	30	50	100
Max Traction Load (N)	930	1520	2670	3250	5530	11300
Breaking Strentgh (N)	3400	5500	9780	11800	20200	41150
Belt Weight (g/m)	50	70	120	150	240	480



OE-R8M							
Belt Width (mm)	10	15	20	30	50	85	100
Max Traction Load (N)	1500	2200	3200	4700	8600	14750	17500
Breaking Strentgh (N)	5600	8500	12250	18000	33200	56000	67500
Belt Weight (g/m)	70	100	140	210	350	595	700



OE-R14M				
Belt Width (mm)	40	55	85	115
Max Traction Load (N)	12700	17800	28350	39000
Breaking Strentgh (N)	48000	67300	105700	147500
Belt Weight (g/m)	500	700	1070	1450

Applications



Open door -
Linear Guiding



Packaging



Wood

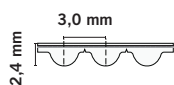
Marking

CMW	100-OE-5M-50-PU-S	batch code/worker code
CMW	50-OE-14M-150-PU-S-PAZ	batch code/worker code
CMW	12110-OJ-14M-85-PU-S	batch code/worker code

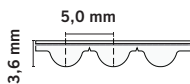
Product Codification

100-OE-14M-150-PU-S means	100 Length / 100 meters	OE Open Ended Roll	14M Section 14M Pitch 14 mm	150 Width 150mm	PU PU White	S Steel cord		
50-OE-R8M-85-PU-S-PAZ-PAR means	50 Length / 50 meters	OE Open Ended Roll	R8M Section R8M Pitch 8,0 mm	85 Width 85,00 mm	PU PU White	S Steel cord	PAZ Green nylon on back	PAR Green nylon on teeth
8598-OJ-S3M-20-PU-S means	8598 Length / 8598,00 mm	OJ Open Joined	S3M Section S3M Pitch 3,0 mm	20 Width 20,00mm	PU PU White	S Steel cord		

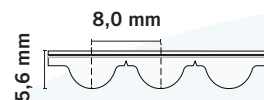
2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH



OE-3M



OE-5M



OE-8M

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-3M-10-PU-S	3666445006846
100-OE-3M-10-PU-S-PAZ	3666445006839
100-OE-3M-10-PU-S-PAR	3666445006822
100-OE-3M-10-PU-S-PAZ-PAR	3666445006815
100-OE-3M-20-PU-S	3666445006808
100-OE-3M-20-PU-S-PAZ	3666445006792
100-OE-3M-20-PU-S-PAR	3666445006785
100-OE-3M-20-PU-S-PAZ-PAR	3666445006778
100-OE-3M-25-PU-S	3666445006761
100-OE-3M-25-PU-S-PAZ	3666445006754
100-OE-3M-25-PU-S-PAR	3666445006747
100-OE-3M-25-PU-S-PAZ-PAR	3666445006730
100-OE-3M-50-PU-S	3666445006723
100-OE-3M-50-PU-S-PAZ	3666445006716
100-OE-3M-50-PU-S-PAR	3666445006709
100-OE-3M-50-PU-S-PAZ-PAR	3666445006693
100-OE-3M-100-PU-S	3666445006686
100-OE-3M-100-PU-S-PAZ	3666445006679
100-OE-3M-100-PU-S-PAR	3666445006662
100-OE-3M-100-PU-S-PAZ-PAZ	3666445006655
100-OE-3M-10-PU-K	3666445006648
100-OE-3M-10-PU-K-PAZ	3666445006631
100-OE-3M-10-PU-K-PAR	3666445006624
100-OE-3M-10-PU-K-PAZ-PAR	3666445006617
100-OE-3M-20-PU-K	3666445006600
100-OE-3M-20-PU-K-PAZ	3666445006594
100-OE-3M-20-PU-K-PAR	3666445006587
100-OE-3M-20-PU-K-PAZ-PAR	3666445006570
100-OE-3M-25-PU-K	3666445006563
100-OE-3M-25-PU-K-PAZ	3666445006556
100-OE-3M-25-PU-K-PAR	3666445006549
100-OE-3M-25-PU-K-PAZ-PAR	3666445006532
100-OE-3M-50-PU-K	3666445006525
100-OE-3M-50-PU-K-PAZ	3666445006518
100-OE-3M-50-PU-K-PAR	3666445006501
100-OE-3M-50-PU-K-PAZ-PAR	3666445006495
100-OE-3M-100-PU-K	3666445006488
100-OE-3M-100-PU-K-PAZ	3666445006471
100-OE-3M-100-PU-K-PAR	3666445006464
100-OE-3M-100-PU-K-PAZ-PAZ	3666445006457

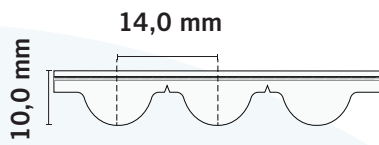
Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-5M-10-PU-S	3666445006440
100-OE-5M-10-PU-S-PAZ	3666445006433
100-OE-5M-10-PU-S-PAR	3666445006426
100-OE-5M-10-PU-S-PAZ-PAR	3666445006419
100-OE-5M-15-PU-S	3666445006402
100-OE-5M-15-PU-S-PAZ	3666445006396
100-OE-5M-15-PU-S-PAR	3666445006389
100-OE-5M-15-PU-S-PAZ-PAR	3666445006372
100-OE-5M-25-PU-S	3666445006365
100-OE-5M-25-PU-S-PAZ	3666445006358
100-OE-5M-25-PU-S-PAR	3666445006341
100-OE-5M-25-PU-S-PAZ-PAR	3666445006334
100-OE-5M-50-PU-S	3666445006327
100-OE-5M-50-PU-S-PAZ	3666445006310
100-OE-5M-50-PU-S-PAR	3666445006303
100-OE-5M-50-PU-S-PAZ-PAR	3666445006297
100-OE-5M-100-PU-S	3666445006280
100-OE-5M-100-PU-S-PAZ	3666445006273
100-OE-5M-100-PU-S-PAR	3666445006266
100-OE-5M-100-PU-S-PAZ-PAZ	3666445006259
100-OE-5M-10-PU-K	3666445006242
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100-OE-5M-10-PU-K-PAR	3666445006228
100-OE-5M-10-PU-K-PAZ-PAR	3666445006211
100-OE-5M-15-PU-K	3666445006204
100-OE-5M-15-PU-K-PAZ	3666445006198
100-OE-5M-15-PU-K-PAR	3666445006181
100-OE-5M-15-PU-K-PAZ-PAR	3666445006174
100-OE-5M-25-PU-K	3666445006167
100-OE-5M-25-PU-K-PAZ	3666445006150
100-OE-5M-25-PU-K-PAR	3666445006143
100-OE-5M-25-PU-K-PAZ-PAR	3666445006136
100-OE-5M-50-PU-K	3666445006129
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100-OE-5M-50-PU-K-PAZ-PAR	3666445006099
100-OE-5M-100-PU-K	3666445006082
100-OE-5M-100-PU-K-PAZ	3666445006075
100-OE-5M-100-PU-K-PAR	3666445006068
100-OE-5M-100-PU-K-PAZ-PAZ	3666445006051

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-8M-10-PU-S	3666445006044
100-OE-8M-10-PU-S-PAZ	3666445006037
100-OE-8M-10-PU-S-PAR	3666445006020
100-OE-8M-10-PU-S-PAZ-PAR	3666445006013
100-OE-8M-15-PU-S	3666445006006
100-OE-8M-15-PU-S-PAZ	3666445005993
100-OE-8M-15-PU-S-PAR	3666445005986
100-OE-8M-15-PU-S-PAZ-PAR	3666445005979
100-OE-8M-20-PU-S	3666445005962
100-OE-8M-20-PU-S-PAZ	3666445005955
100-OE-8M-20-PU-S-PAR	3666445005948
100-OE-8M-20-PU-S-PAZ-PAR	3666445005931
100-OE-8M-30-PU-S	3666445005924
100-OE-8M-30-PU-S-PAZ	3666445005917
100-OE-8M-30-PU-S-PAR	3666445005900
100-OE-8M-30-PU-S-PAZ-PAR	3666445005894
100-OE-8M-50-PU-S	3666445005887
100-OE-8M-50-PU-S-PAZ	3666445005870
100-OE-8M-50-PU-S-PAR	3666445005863
100-OE-8M-50-PU-S-PAZ-PAZ	3666445005856
100-OE-8M-85-PU-S	3666445005849
100-OE-8M-85-PU-S-PAZ	3666445005832
100-OE-8M-85-PU-S-PAR	3666445005825
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100-OE-8M-50-PU-K-PAZ	3666445005559
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100-OE-8M-50-PU-K-PAZ-PAZ	3666445005535
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100-OE-8M-85-PU-K-PAZ	3666445005511
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100-OE-8M-100-PU-K-PAZ-PAZ	3666445005450
100-OE-8M-150-PU-K	3666445005443
100-OE-8M-150-PU-K-PAZ	3666445005436
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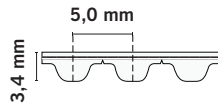
2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH



OE-14M

Standard Belt Range

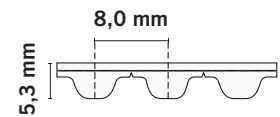
CMW Product code	GTIN (EAN) code
100-OE-14M-25-PU-S	3666445005405
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100-OE-14M-25-PU-S-PAR	3666445005382
100-OE-14M-25-PU-S-PAZ-PAR	3666445005375
100-OE-14M-40-PU-S	3666445005368
100-OE-14M-40-PU-S-PAZ	3666445005351
100-OE-14M-40-PU-S-PAR	3666445005344
100-OE-14M-40-PU-S-PAZ-PAR	3666445005337
100-OE-14M-55-PU-S	3666445005320
100-OE-14M-55-PU-S-PAZ	3666445005313
100-OE-14M-55-PU-S-PAR	3666445005306
100-OE-14M-55-PU-S-PAZ-PAR	3666445005290
100-OE-14M-85-PU-S	3666445005283
100-OE-14M-85-PU-S-PAZ	3666445005276
100-OE-14M-85-PU-S-PAR	3666445005269
100-OE-14M-85-PU-S-PAZ-PAR	3666445005252
100-OE-14M-100-PU-S	3666445005245
100-OE-14M-100-PU-S-PAZ	3666445005238
100-OE-14M-100-PU-S-PAR	3666445005221
100-OE-14M-100-PU-S-PAZ-PAZ	3666445005214
100-OE-14M-150-PU-S	3666445005207
100-OE-14M-150-PU-S-PAZ	3666445005191
100-OE-14M-150-PU-S-PAR	3666445005184
100-OE-14M-150-PU-S-PAZ-PAR	3666445005177
100-OE-14M-25-PU-K	3666445005160
100-OE-14M-25-PU-K-PAZ	3666445005153
100-OE-14M-25-PU-K-PAR	3666445005146
100-OE-14M-25-PU-K-PAZ-PAR	3666445005139
100-OE-14M-40-PU-K	3666445005122
100-OE-14M-40-PU-K-PAZ	3666445005115
100-OE-14M-40-PU-K-PAR	3666445005108
100-OE-14M-40-PU-K-PAZ-PAR	3666445005092
100-OE-14M-55-PU-K	3666445005085
100-OE-14M-55-PU-K-PAZ	3666445005078
100-OE-14M-55-PU-K-PAR	3666445005061
100-OE-14M-55-PU-K-PAZ-PAR	3666445005054
100-OE-14M-85-PU-K	3666445005047
100-OE-14M-85-PU-K-PAZ	3666445005030
100-OE-14M-85-PU-K-PAR	3666445005023
100-OE-14M-85-PU-K-PAZ-PAR	3666445005016
100-OE-14M-100-PU-K	3666445005009
100-OE-14M-100-PU-K-PAZ	3666445004996
100-OE-14M-100-PU-K-PAR	3666445004989
100-OE-14M-100-PU-K-PAZ-PAZ	3666445004972
100-OE-14M-150-PU-K	3666445004965
100-OE-14M-150-PU-K-PAZ	3666445004958
100-OE-14M-150-PU-K-PAR	3666445004941
100-OE-14M-150-PU-K-PAZ-PAR	3666445004934



OE-S5M

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-S5M-10-PU-S	3666445004927
100-OE-S5M-10-PU-S-PAZ	3666445004910
100-OE-S5M-10-PU-S-PAR	3666445004903
100-OE-S5M-10-PU-S-PAZ-PAR	3666445004897
100-OE-S5M-15-PU-S	3666445004880
100-OE-S5M-15-PU-S-PAZ	3666445004873
100-OE-S5M-15-PU-S-PAR	3666445004866
100-OE-S5M-15-PU-S-PAZ-PAR	3666445004859
100-OE-S5M-25-PU-S	3666445004842
100-OE-S5M-25-PU-S-PAZ	3666445004835
100-OE-S5M-25-PU-S-PAR	3666445004828
100-OE-S5M-25-PU-S-PAZ-PAR	3666445004811
100-OE-S5M-50-PU-S	3666445004804
100-OE-S5M-50-PU-S-PAZ	3666445004798
100-OE-S5M-50-PU-S-PAR	3666445004781
100-OE-S5M-50-PU-S-PAZ-PAR	3666445004774
100-OE-S5M-100-PU-S	3666445004767
100-OE-S5M-100-PU-S-PAZ	3666445004750
100-OE-S5M-100-PU-S-PAR	3666445004743
100-OE-S5M-100-PU-S-PAZ-PAZ	3666445004736
100-OE-S5M-10-PU-K	3666445004729
100-OE-S5M-10-PU-K-PAZ	3666445004712
100-OE-S5M-10-PU-K-PAR	3666445004705
100-OE-S5M-10-PU-K-PAZ-PAR	3666445004699
100-OE-S5M-15-PU-K	3666445004682
100-OE-S5M-15-PU-K-PAZ	3666445004675
100-OE-S5M-15-PU-K-PAR	3666445004668
100-OE-S5M-15-PU-K-PAZ-PAR	3666445004651
100-OE-S5M-25-PU-K	3666445004644
100-OE-S5M-25-PU-K-PAZ	3666445004637
100-OE-S5M-25-PU-K-PAR	3666445004620
100-OE-S5M-25-PU-K-PAZ-PAR	3666445004613
100-OE-S5M-100-PU-K	3666445004606
100-OE-S5M-100-PU-K-PAZ	3666445004590
100-OE-S5M-100-PU-K-PAR	3666445004583
100-OE-S5M-100-PU-K-PAZ-PAZ	3666445004576

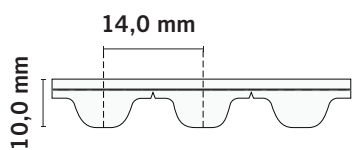


OE-S8M

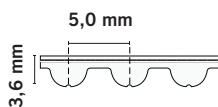
Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-S8M-10-PU-S	3666445004569
100-OE-S8M-10-PU-S-PAZ	3666445004552
100-OE-S8M-10-PU-S-PAR	3666445004545
100-OE-S8M-10-PU-S-PAZ-PAR	3666445004538
100-OE-S8M-12-PU-S	3666445004521
100-OE-S8M-12-PU-S-PAZ	3666445004514
100-OE-S8M-12-PU-S-PAR	3666445004507
100-OE-S8M-12-PU-S-PAZ-PAR	3666445004491
100-OE-S8M-15-PU-S	3666445004484
100-OE-S8M-15-PU-S-PAZ	3666445004477
100-OE-S8M-15-PU-S-PAR	3666445004460
100-OE-S8M-15-PU-S-PAZ-PAR	3666445004453
100-OE-S8M-20-PU-S	3666445004446
100-OE-S8M-20-PU-S-PAZ	3666445004439
100-OE-S8M-20-PU-S-PAR	3666445004422
100-OE-S8M-20-PU-S-PAZ-PAR	3666445004415
100-OE-S8M-30-PU-S	3666445004408
100-OE-S8M-30-PU-S-PAZ	3666445004392
100-OE-S8M-30-PU-S-PAR	3666445004385
100-OE-S8M-30-PU-S-PAZ-PAZ	3666445004378
100-OE-S8M-50-PU-S	3666445004361
100-OE-S8M-50-PU-S-PAZ	3666445004354
100-OE-S8M-50-PU-S-PAR	3666445004347
100-OE-S8M-50-PU-S-PAZ-PAR	3666445004330
100-OE-S8M-85-PU-S	3666445004323
100-OE-S8M-85-PU-S-PAZ	3666445004316
100-OE-S8M-85-PU-S-PAR	3666445004309
100-OE-S8M-85-PU-S-PAZ-PAZ	3666445004293
100-OE-S8M-100-PU-S	3666445004286
100-OE-S8M-100-PU-S-PAZ	3666445004279
100-OE-S8M-100-PU-S-PAR	3666445004262
100-OE-S8M-100-PU-S-PAZ-PAZ	3666445004255
100-OE-S8M-10-PU-K	3666445004248
100-OE-S8M-10-PU-K-PAZ	3666445004231
100-OE-S8M-10-PU-K-PAR	3666445004224
100-OE-S8M-10-PU-K-PAZ-PAR	3666445004217
100-OE-S8M-12-PU-K	3666445004200
100-OE-S8M-12-PU-K-PAZ	3666445004194
100-OE-S8M-12-PU-K-PAR	3666445004187
100-OE-S8M-12-PU-K-PAZ-PAR	3666445004170
100-OE-S8M-15-PU-K	3666445004163
100-OE-S8M-15-PU-K-PAZ	3666445004156
100-OE-S8M-15-PU-K-PAR	3666445004149
100-OE-S8M-15-PU-K-PAZ-PAR	3666445004132
100-OE-S8M-20-PU-K	3666445004125
100-OE-S8M-20-PU-K-PAZ	3666445004118
100-OE-S8M-20-PU-K-PAR	3666445004101
100-OE-S8M-20-PU-K-PAZ-PAR	3666445004095
100-OE-S8M-30-PU-K	3666445004088
100-OE-S8M-30-PU-K-PAZ	3666445004071
100-OE-S8M-30-PU-K-PAR	3666445004064
100-OE-S8M-30-PU-K-PAZ-PAZ	3666445004057
100-OE-S8M-50-PU-K	3666445004040
100-OE-S8M-50-PU-K-PAZ	3666445004033
100-OE-S8M-50-PU-K-PAR	3666445004026
100-OE-S8M-50-PU-K-PAZ-PAR	3666445004019
100-OE-S8M-85-PU-K	3666445004002
100-OE-S8M-85-PU-K-PAZ	3666445003999
100-OE-S8M-85-PU-K-PAR	3666445003982
100-OE-S8M-85-PU-K-PAZ-PAZ	3666445003975
100-OE-S8M-100-PU-K	3666445003968
100-OE-S8M-100-PU-K-PAZ	3666445003951
100-OE-S8M-100-PU-K-PAR	3666445003944
100-OE-S8M-100-PU-K-PAZ-PAZ	3666445003937

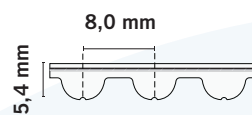
2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH



OE-S14M



OE-R5M



OE-R8M

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-S14M-40-PU-S	3666445003920
100-OE-S14M-40-PU-S-PAZ	3666445003913
100-OE-S14M-40-PU-S-PAR	3666445003906
100-OE-S14M-40-PU-S-PAZ-PAR	3666445003890
100-OE-S14M-55-PU-S	3666445003883
100-OE-S14M-55-PU-S-PAZ	3666445003876
100-OE-S14M-55-PU-S-PAR	3666445003869
100-OE-S14M-55-PU-S-PAZ-PAR	3666445003852
100-OE-S14M-85-PU-S	3666445003845
100-OE-S14M-85-PU-S-PAZ	3666445003838
100-OE-S14M-85-PU-S-PAR	3666445003821
100-OE-S14M-85-PU-S-PAZ-PAR	3666445003814
100-OE-S14M-115-PU-S	3666445003807
100-OE-S14M-115-PU-S-PAZ	3666445003791
100-OE-S14M-115-PU-S-PAR	3666445003784
100-OE-S14M-115-PU-S-PAZ-PAR	3666445003777
100-OE-S14M-150-PU-S	3666445003760
100-OE-S14M-150-PU-S-PAZ	3666445003753
100-OE-S14M-150-PU-S-PAR	3666445003746
100-OE-S14M-150-PU-S-PAZ-PAZ	3666445003739
100-OE-S14M-40-PU-K	3666445003722
100-OE-S14M-40-PU-K-PAZ	3666445003715
100-OE-S14M-40-PU-K-PAR	3666445003708
100-OE-S14M-40-PU-K-PAZ-PAR	3666445003692
100-OE-S14M-55-PU-K	3666445003685
100-OE-S14M-55-PU-K-PAZ	3666445003678
100-OE-S14M-55-PU-K-PAR	3666445003661
100-OE-S14M-55-PU-K-PAZ-PAR	3666445003654
100-OE-S14M-85-PU-K	3666445003647
100-OE-S14M-85-PU-K-PAZ	3666445003630
100-OE-S14M-85-PU-K-PAR	3666445003623
100-OE-S14M-85-PU-K-PAZ-PAR	3666445003616
100-OE-S14M-115-PU-K	3666445003609
100-OE-S14M-115-PU-K-PAZ	3666445003593
100-OE-S14M-115-PU-K-PAR	3666445003586
100-OE-S14M-115-PU-K-PAZ-PAR	3666445003579
100-OE-S14M-150-PU-K	3666445003562
100-OE-S14M-150-PU-K-PAZ	3666445003555
100-OE-S14M-150-PU-K-PAR	3666445003548
100-OE-S14M-150-PU-K-PAZ-PAZ	3666445003531

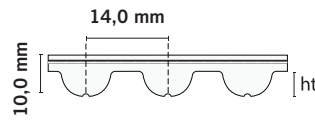
Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-R5M-10-PU-S	3666445003524
100-OE-R5M-10-PU-S-PAZ	3666445003517
100-OE-R5M-10-PU-S-PAR	3666445003500
100-OE-R5M-10-PU-S-PAZ-PAR	3666445003494
100-OE-R5M-15-PU-S	3666445003487
100-OE-R5M-15-PU-S-PAZ	3666445003470
100-OE-R5M-15-PU-S-PAR	3666445003463
100-OE-R5M-15-PU-S-PAZ-PAR	3666445003456
100-OE-R5M-25-PU-S	3666445003449
100-OE-R5M-25-PU-S-PAZ	3666445003432
100-OE-R5M-25-PU-S-PAR	3666445003425
100-OE-R5M-25-PU-S-PAZ-PAR	3666445003418
100-OE-R5M-30-PU-S	3666445003401
100-OE-R5M-30-PU-S-PAZ	3666445003395
100-OE-R5M-30-PU-S-PAR	3666445003388
100-OE-R5M-30-PU-S-PAZ-PAR	3666445003371
100-OE-R5M-50-PU-S	3666445003364
100-OE-R5M-50-PU-S-PAZ	3666445003357
100-OE-R5M-50-PU-S-PAR	3666445003340
100-OE-R5M-50-PU-S-PAZ-PAZ	3666445003333
100-OE-R5M-75-PU-S	3666445003326
100-OE-R5M-75-PU-S-PAZ	3666445003319
100-OE-R5M-75-PU-S-PAR	3666445003302
100-OE-R5M-75-PU-S-PAZ-PAR	3666445003296
100-OE-R5M-100-PU-S	3666445003289
100-OE-R5M-100-PU-S-PAZ	3666445003272
100-OE-R5M-100-PU-S-PAR	3666445003265
100-OE-R5M-100-PU-S-PAZ-PAZ	3666445003258
100-OE-R5M-10-PU-K	3666445003241
100-OE-R5M-10-PU-K-PAZ	3666445003234
100-OE-R5M-10-PU-K-PAR	3666445003227
100-OE-R5M-10-PU-K-PAZ-PAR	3666445003210
100-OE-R5M-15-PU-K	3666445003203
100-OE-R5M-15-PU-K-PAZ	3666445003197
100-OE-R5M-15-PU-K-PAR	3666445003180
100-OE-R5M-15-PU-K-PAZ-PAR	3666445003173
100-OE-R5M-25-PU-K	3666445003166
100-OE-R5M-25-PU-K-PAZ	3666445003159
100-OE-R5M-25-PU-K-PAR	3666445003142
100-OE-R5M-25-PU-K-PAZ-PAR	3666445003135
100-OE-R5M-30-PU-K	3666445003128
100-OE-R5M-30-PU-K-PAZ	3666445003111
100-OE-R5M-30-PU-K-PAR	3666445003104
100-OE-R5M-30-PU-K-PAZ-PAR	3666445003098
100-OE-R5M-50-PU-K	3666445003081
100-OE-R5M-50-PU-K-PAZ	3666445003074
100-OE-R5M-50-PU-K-PAR	3666445003067
100-OE-R5M-50-PU-K-PAZ-PAZ	3666445003050
100-OE-R5M-75-PU-K	3666445003043
100-OE-R5M-75-PU-K-PAZ	3666445003036
100-OE-R5M-75-PU-K-PAR	3666445003029
100-OE-R5M-75-PU-K-PAZ-PAZ	3666445003012
100-OE-R5M-100-PU-K	3666445003005
100-OE-R5M-100-PU-K-PAZ	3666445002992
100-OE-R5M-100-PU-K-PAR	3666445002985
100-OE-R5M-100-PU-K-PAZ-PAZ	3666445002978

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-R8M-10-PU-S	3666445002961
100-OE-R8M-10-PU-S-PAZ	3666445002954
100-OE-R8M-10-PU-S-PAR	3666445002947
100-OE-R8M-10-PU-S-PAZ-PAR	3666445002930
100-OE-R8M-15-PU-S	3666445002923
100-OE-R8M-15-PU-S-PAZ	3666445002916
100-OE-R8M-15-PU-S-PAR	3666445002909
100-OE-R8M-15-PU-S-PAZ-PAR	3666445002893
100-OE-R8M-20-PU-S	3666445002886
100-OE-R8M-20-PU-S-PAZ	3666445002879
100-OE-R8M-20-PU-S-PAR	3666445002862
100-OE-R8M-20-PU-S-PAZ-PAR	3666445002855
100-OE-R8M-30-PU-S	3666445002848
100-OE-R8M-30-PU-S-PAZ	3666445002831
100-OE-R8M-30-PU-S-PAR	3666445002824
100-OE-R8M-30-PU-S-PAZ-PAR	3666445002817
100-OE-R8M-50-PU-S	3666445002800
100-OE-R8M-50-PU-S-PAZ	3666445002794
100-OE-R8M-50-PU-S-PAR	3666445002787
100-OE-R8M-50-PU-S-PAZ-PAZ	3666445002770
100-OE-R8M-85-PU-S	3666445002763
100-OE-R8M-85-PU-S-PAZ	3666445002756
100-OE-R8M-85-PU-S-PAR	3666445002749
100-OE-R8M-85-PU-S-PAZ-PAR	3666445002732
100-OE-R8M-100-PU-S	3666445002725
100-OE-R8M-100-PU-S-PAZ	3666445002718
100-OE-R8M-100-PU-S-PAR	3666445002701
100-OE-R8M-100-PU-S-PAZ-PAZ	3666445002695
100-OE-R8M-150-PU-S	3666445002688
100-OE-R8M-150-PU-S-PAZ	3666445002671
100-OE-R8M-150-PU-S-PAR	3666445002664
100-OE-R8M-150-PU-S-PAZ-PAZ	3666445002657
100-OE-R8M-10-PU-K	3666445002640
100-OE-R8M-10-PU-K-PAZ	3666445002497
100-OE-R8M-10-PU-K-PAR	3666445002626
100-OE-R8M-10-PU-K-PAZ-PAR	3666445002473
100-OE-R8M-15-PU-K	3666445002602
100-OE-R8M-15-PU-K-PAZ	3666445002459
100-OE-R8M-15-PU-K-PAR	3666445002589
100-OE-R8M-15-PU-K-PAZ-PAR	3666445002435
100-OE-R8M-20-PU-K	3666445002428
100-OE-R8M-20-PU-K-PAZ	3666445002411
100-OE-R8M-20-PU-K-PAR	3666445002404
100-OE-R8M-20-PU-K-PAZ-PAR	3666445002398
100-OE-R8M-30-PU-K	3666445002527
100-OE-R8M-30-PU-K-PAZ	3666445002510
100-OE-R8M-30-PU-K-PAR	3666445002640
100-OE-R8M-30-PU-K-PAZ-PAR	3666445002497
100-OE-R8M-10-PU-K-PAZ	3666445002626
100-OE-R8M-10-PU-K-PAZ-PAR	3666445002473
100-OE-R8M-15-PU-K	3666445002602
100-OE-R8M-15-PU-K-PAZ	3666445002459
100-OE-R8M-15-PU-K-PAR	3666445002589
100-OE-R8M-15-PU-K-PAZ-PAR	3666445002435
100-OE-R8M-20-PU-K	3666445002428
100-OE-R8M-20-PU-K-PAZ	3666445002411
100-OE-R8M-20-PU-K-PAR	3666445002404
100-OE-R8M-20-PU-K-PAZ-PAR	3666445002398
100-OE-R8M-30-PU-K	3666445002527
100-OE-R8M-30-PU-K-PAZ	3666445002510
100-OE-R8M-30-PU-K-PAR	3666445002367
100-OE-R8M-30-PU-K-PAZ-PAR	3666445002350
100-OE-R8M-50-PU-K	3666445002343
100-OE-R8M-50-PU-K-PAZ	3666445002336
100-OE-R8M-50-PU-K-PAR	3666445002329

2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH



OE-R14M

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-R8M-50-PU-K-PAZ-PAZ	3666445002312
100-OE-R8M-85-PU-K	3666445002305
100-OE-R8M-85-PU-K-PAZ	3666445002299
100-OE-R8M-85-PU-K-PAR	3666445002282
100-OE-R8M-85-PU-K-PAZ-PAR	3666445002275
100-OE-R8M-100-PU-K	3666445002268
100-OE-R8M-100-PU-K-PAZ	3666445002251
100-OE-R8M-100-PU-K-PAR	3666445002244
100-OE-R8M-100-PU-K-PAZ-PAZ	3666445002237
100-OE-R8M-150-PU-K	3666445002220
100-OE-R8M-150-PU-K-PAZ	3666445002213
100-OE-R8M-150-PU-K-PAR	3666445002206
100-OE-R8M-150-PU-K-PAZ-PAZ	3666445002190

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-R14M-40-PU-S	3666445002183
100-OE-R14M-40-PU-S-PAZ	3666445002176
100-OE-R14M-40-PU-S-PAR	3666445002169
100-OE-R14M-40-PU-S-PAZ-PAR	3666445002152
100-OE-R14M-55-PU-S	3666445002145
100-OE-R14M-55-PU-S-PAZ	3666445002138
100-OE-R14M-55-PU-S-PAR	3666445002121
100-OE-R14M-55-PU-S-PAZ-PAR	3666445002114
100-OE-R14M-85-PU-S	3666445002107
100-OE-R14M-85-PU-S-PAZ	3666445002091
100-OE-R14M-85-PU-S-PAR	3666445002084
100-OE-R14M-85-PU-S-PAZ-PAR	3666445002077
100-OE-R14M-115-PU-S	3666445002060
100-OE-R14M-115-PU-S-PAR	3666445002053
100-OE-R14M-115-PU-S-PAZ	3666445002046
100-OE-R14M-115-PU-S-PAZ-PAR	3666445002039
100-OE-R14M-150-PU-S	3666445002022
100-OE-R14M-150-PU-S-PAZ	3666445002015
100-OE-R14M-150-PU-S-PAR	3666445002008
100-OE-R14M-150-PU-S-PAZ-PAZ	3666445001995
100-OE-R14M-40-PU-K	3666445001988
100-OE-R14M-40-PU-K-PAZ	3666445001971
100-OE-R14M-40-PU-K-PAR	3666445001964
100-OE-R14M-40-PU-K-PAZ-PAR	3666445001957
100-OE-R14M-55-PU-K	3666445001940
100-OE-R14M-55-PU-K-PAZ	3666445001933
100-OE-R14M-55-PU-K-PAR	3666445001926
100-OE-R14M-55-PU-K-PAZ-PAR	3666445001919
100-OE-R14M-85-PU-K	3666445001902
100-OE-R14M-85-PU-K-PAZ	3666445001896
100-OE-R14M-85-PU-K-PAR	3666445001889
100-OE-R14M-85-PU-K-PAZ-PAR	3666445001872
100-OE-R14M-115-PU-K	3666445001865
100-OE-R14M-115-PU-K-PAZ	3666445001858
100-OE-R14M-115-PU-K-PAR	3666445001841
100-OE-R14M-115-PU-K-PAZ-PAR	3666445001834
100-OE-R14M-150-PU-K	3666445001827
100-OE-R14M-150-PU-K-PAZ	3666445001810
100-OE-R14M-150-PU-K-PAR	3666445001803
100-OE-R14M-150-PU-K-PAZ-PAZ	3666445001797

POWER RATING

2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH

Section HTD3M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
10	317	158	1238	0,02
15	505	252	1980	0,03
25	891	446	3465	0,06
50	1841	921	7178	0,12
100	3742	1871	14603	0,24

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	24,95	800,00	17,13	1900,00	12,54	4500,00	6,98
20	24,35	900,00	16,58	2000,00	12,24	5000,00	6,26
40	23,82	1000,00	16,08	2200,00	11,65	5500,00	5,60
60	23,33	1100,00	15,59	2400,00	11,11	6000,00	4,99
80	22,89	1200,00	15,14	2600,00	10,60	6500,00	4,43
100	22,49	1300,00	14,71	2800,00	10,14	7000,00	3,90
200	21,01	1400,00	14,31	3000,00	9,69	7500,00	3,41
300	20,11	1440,00	14,15	3200,00	9,27	8000,00	2,95
400	19,55	1500,00	13,92	3400,00	8,87	8500,00	2,51
500	18,95	1600,00	13,55	3600,00	8,48	9000,00	2,10
600	18,32	1700,00	13,20	3800,00	8,13	9500,00	1,70
700	17,70	1800,00	12,86	4000,00	7,78	10000,00	1,34

Section HTD5M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
10	911	455	3326	0,05
15	1485	743	5405	0,07
25	2624	1312	9563	0,12
50	5465	2732	19958	0,24
75	8316	4158	30353	0,36
100	11157	5579	40748	0,47

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	36,43	800	26,94	1900	22,02	4500	16,24
20	35,89	900	26,34	2000	21,69	5000	15,48
40	35,39	1000	25,79	2200	21,09	5500	14,80
60	34,95	1100	25,26	2400	20,51	6000	14,18
80	34,54	1200	24,78	2600	19,99	6500	13,60
100	34,17	1300	24,31	2800	19,49	7000	13,06
200	32,80	1400	23,89	3000	19,04	7500	12,55
300	30,56	1440	23,72	3200	18,59	8000	12,08
400	29,80	1500	23,47	3400	18,19	8500	11,63
500	29,02	1600	23,09	3600	17,79	9000	11,22
600	28,27	1700	22,71	3800	17,41	9500	10,81
700	27,58	1800	22,35	4000	17,06	10000	10,42

POWER RATING

2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH

Section HTD8M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
10	1456	728	5643	0,07
15	2187	1094	8465	0,09
20	3159	1579	12227	0,14
30	4613	2306	17870	0,21
50	8494	4248	32918	0,35
85	14553	7277	56430	0,58
100	17226	8613	66776	0,68

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	73	800	50,69	1900	39	4500	26,36
20	72	900	49,22	2000	38	5000	24,75
40	70	1000	47,87	2200	37	5500	23,28
60	70	1100	46,61	2400	36	6000	21,93
80	68	1200	45,47	2600	35		
100	67	1300	44,39	2800	33		
200	63	1400	43,38	3000	32		
300	61	1440	42,99	3200	32		
400	58	1500	42,43	3400	31		
500	56	1600	41,54	3600	30		
600	54	1700	40,68	3800	29		
700	52	1800	39,88	4000	28		

Section HTD14M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
40	8487	4244	30942	0,41
55	11614	5807	42342	0,57
85	18314	9157	66771	0,87
115	25015	12507	91199	1,16
150	33055	16527	120513	1,56

Tooth Resistance					
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)
0	120,98	800	77,98	1900	56,29
20	118,83	900	75,24	2000	54,91
40	116,85	1000	72,72	2200	52,33
60	115,02	1100	70,38	2400	49,95
80	113,33	1200	68,22	2600	47,74
100	111,77	1300	66,20	2800	45,68
200	102,15	1400	64,31	3000	43,75
300	97,05	1440	63,59	3200	41,93
400	92,31	1500	62,53	3400	40,22
500	88,08	1600	60,84	3600	38,60
600	84,35	1700	59,25	3800	37,06
700	81,00	1800	57,73	4000	35,59

POWER RATING

2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH

Section S5M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
10	911	455	3326	0,05
15	1485	743	5405	0,07
25	2624	1312	9583	0,12
50	5465	2732	19958	0,23
100	11158	5579	40748	0,46

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	36,54	800	27,43	1900	22,51	4500	16,73
20	35,99	900	26,84	2000	22,19	5000	15,98
40	35,49	1000	26,28	2200	21,58	5500	15,30
60	35,05	1100	25,76	2400	21,01	6000	14,67
80	34,64	1200	25,27	2600	20,48	6500	14,10
100	34,27	1300	24,81	2800	19,99	7000	13,55
200	32,90	1400	24,38	3000	19,53	7500	13,05
300	31,06	1440	24,22	3200	19,09	8000	12,57
400	30,29	1500	23,97	3400	18,68	8500	12,13
500	29,51	1600	23,58	3600	18,29	9000	11,71
600	28,77	1700	23,21	3800	17,91	9500	11,31
700	28,08	1800	22,85	4000	17,55	10000	10,92

Section S8M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
10	1455	728	5643	0,07
15	2188	1094	8465	0,10
20	3158	1579	12227	0,13
30	4613	2307	17870	0,20
50	8494	4247	32918	0,33
85	14553	7277	56430	0,55
100	17226	8613	66776	0,65

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	73,36	800	51,01	1900	39,36	4500	26,52
20	72,32	900	49,53	2000	38,63	5000	24,89
40	71,34	1000	48,17	2200	37,24	5500	23,41
60	70,42	1100	46,92	2400	35,98	6000	22,05
80	69,56	1200	45,76	2600	34,80		
100	68,74	1300	44,67	2800	33,70		
200	65,32	1400	43,66	3000	32,67		
300	61,49	1440	43,26	3200	31,70		
400	58,84	1500	42,70	3400	30,79		
500	56,51	1600	41,80	3600	29,93		
600	54,47	1700	40,95	3800	29,11		
700	52,65	1800	40,13	4000	28,32		

POWER RATING

2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH

Section S14M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
40	12623	6311	47520	0,50
55	17672	8836	66528	0,69
85	27770	13885	104544	1,07
115	38709	19355	145728	1,47

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width (N/cm)	Shaft speed r/min	Maximum load per tooth per 1 cm width (N/cm)	Shaft speed r/min	Maximum load per tooth per 1 cm width (N/cm)	Shaft speed r/min	Maximum load per tooth per 1 cm width (N/cm)
0	132,66	800	87,91	1900	64,84	4000	42,81
20	130,00	900	84,99	2000	63,37		
40	127,54	1000	82,31	2200	60,62		
60	125,26	1100	79,82	2400	58,09		
80	123,18	1200	77,53	2600	55,74		
100	121,24	1300	75,38	2800	53,55		
200	113,62	1400	73,37	2880	52,71		
300	108,20	1440	72,60	3000	51,49		
400	103,15	1500	71,47	3200	49,56		
500	98,65	1600	69,68	3400	47,74		
600	94,68	1700	67,98	3600	46,02		
700	91,12	1800	66,37	3800	44,37		

POWER RATING

2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH

Section R5M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
10	911	455	3326	0,05
15	1485	743	5405	0,07
20	2624	1312	9563	0,12
30	3188	1593	11642	0,15
50	5465	2732	19958	0,23
100	11158	5579	40748	0,45

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	37,42	900	28,32	2200	23,07	5500	16,78
20	36,88	1000	27,77	2400	22,49	6000	16,16
40	36,38	1100	27,24	2600	21,97	6500	15,58
60	35,94	1200	26,76	2800	21,47	7000	15,04
80	35,53	1300	26,29	2880	21,29	7500	14,53
100	35,16	1400	25,87	3000	21,02	8000	14,06
200	33,79	1440	25,70	3200	20,57	8500	13,61
300	32,54	1500	25,45	3400	20,17	9000	13,20
400	31,78	1600	25,07	3600	19,77	9500	12,79
500	31,00	1700	24,69	3800	19,39	10000	12,40
600	30,25	1800	24,33	4000	19,04		
700	29,56	1900	24,00	4500	18,22		
800	28,92	2000	23,67	5000	17,46		

Section R8M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
10	1455	728	5643	0,07
15	2188	1094	8465	0,10
20	3158	1579	12227	0,13
30	4613	2307	17870	0,20
50	8494	4247	32918	0,33
85	14553	7277	56430	0,55
100	17226	8613	66776	0,65

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	75,24	800	52,67	1900	41,10	4000	30,14
20	73,87	900	51,19	2000	40,37	4500	28,34
40	72,61	1000	49,85	2200	39,00	5000	26,73
60	71,44	1100	48,60	2400	37,74	5500	25,25
80	70,36	1200	47,45	2600	36,57	6000	23,91
100	69,37	1300	46,37	2800	35,47		
200	65,43	1400	45,36	2880	35,06		
300	63,04	1440	44,98	3000	34,45		
400	60,42	1500	44,41	3200	33,49		
500	58,12	1600	43,52	3400	32,58		
600	56,09	1700	42,67	3600	31,73		
700	54,29	1800	41,87	3800	30,91		

POWER RATING

2.2.6 EXTRUDED TIMING BELT OPEN ENDED LINEAR CURVILINEAR TOOTH

Section R14M

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
40	12623	6311	47520	0,48
55	17672	8836	66528	0,67
85	27770	13885	104544	0,99
115	38709	19355	145728	1,39

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	138,60	800	92,86	1900	69,79	4000	51,32
20	135,94	900	89,94	2000	68,32		
40	133,48	1000	87,26	2200	65,57		
60	131,20	1100	84,77	2400	63,04		
80	129,12	1200	82,48	2600	60,69		
100	127,18	1300	80,33	2800	58,50		
200	118,57	1400	78,32	2880	57,66		
300	113,15	1440	77,55	3000	56,44		
400	108,10	1500	76,42	3200	54,51		
500	103,60	1600	74,63	3400	52,69		
600	99,63	1700	72,93	3600	50,97		
700	103,23	1800	71,32	3800	49,32		



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