

MEGADYNE V-BELTS

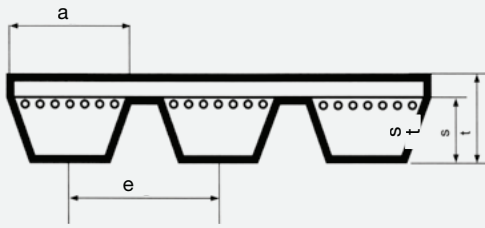
# BANDED V-BELTS

PLURIBAND

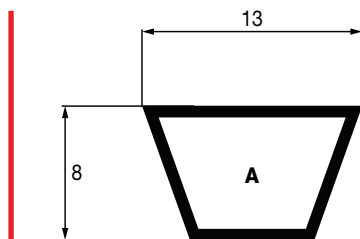
# BANDED V-BELTS

## PLURIBAND

Pluriband are special belts capable of transmitting very high loads. The structure is made to be equivalent in performance to several corresponding V-belts: a Pluriband A47-1200-5 has the same performance as 5 A47 belts working in parallel. The procedure for engineering a system using Pluriband belts is the same as described in the technical calculation chapter, using the same performance data as the corresponding V-belt profile.



BELT CHARACTERISTICS												
SECTION	RA	RB	RC	RSPZ	RSPA	RSPB	RSPC	R3V	R5V	R8V	R3VX	R5VX
a (mm)	13	17	22	9.7	12.7	16.3	22	9	15	25	9	15
s (mm)	8	11	14	8	10	13	18	8	13	23	8	13
t (mm)	10	13	16	10,5	12,5	15,5	22,5	10	15	25,5	10	15
e (mm ± 0,3)	15	19	25.5	12	15	19	25,5	10,3	17,5	28,6	10,3	17,5
Pitch length - internal length = i (mm)	33	43	62	39	47	61	86	31	54	103		
Working temperature	-30°C / +80°C											
Relevant standards	ASAE S 211.4 - ISO 8419											
Materials	CR / SBR blend - polyester cord											



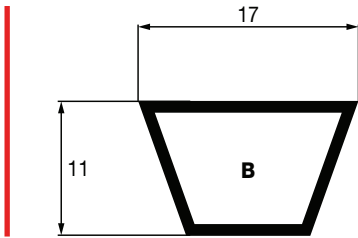
RA SECTION	
CODE	INTERNAL LENGTH LI (mm)
RA 47	1200
RA 51	1300
RA 56	1422
RA 57	1450
RA 59	1500
RA 64	1625
RA 67	1700
RA 71	1800

RA SECTION	
CODE	INTERNAL LENGTH LI (mm)
RA 75	1900
RA 79	2000
RA 88	2240
RA 98	2500
RA 100	2540
RA 104	2650
RA 112	2845
RA 120	3048

RA SECTION	
CODE	INTERNAL LENGTH LI (mm)
RA 128	3250
RA 144	3658
RA 158	4000
RA 167	4250
RA 187	4750
RA 197	5000
RA 210	5334
RA 217	5477

# BANDED V-BELTS

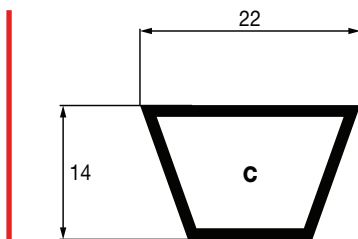
## PLURIBAND



RB SECTION	
CODE	INTERNAL LENGTH LI (mm)
RB 70	1778
RB 71	1803
RB 72	1829
RB 73	1854
RB 74	1880
RB 75	1905
RB 76	1930
RB 78	1981
RB 79	2007
RB 80	2032
RB 81	2057
RB 82	2083
RB 83	2108
RB 84	2134
RB 85	2159
RB 86	2184
RB 87	2210
RB 88	2235
RB 89	2261
RB 90	2286
RB 91	2311
RB 92	2337
RB 93	2362
RB 94	2388
RB 95	2413
RB 96	2438

RB SECTION	
CODE	INTERNAL LENGTH LI (mm)
RB 97	2464
RB 98	2489
RB 99	2515
RB 100	2540
RB 102	2591
RB 104	2642
RB 105	2667
RB 106	2692
RB 107	2718
RB 108	2743
RB 110	2794
RB 112	2845
RB 114	2896
RB 115	2921
RB 116	2946
RB 118	2997
RB 120	3048
RB 124	3150
RB 127	3226
RB 128	3251
RB 130	3302
RB 131	3327
RB 132	3353
RB 133	3378
RB 134	3404
RB 135	3429

RB SECTION	
CODE	INTERNAL LENGTH LI (mm)
RB 136	3454
RB 140	3556
RB 144	3658
RB 147	3734
RB 148	3759
RB 151	3835
RB 152	3861
RB 154	3912
RB 157	3988
RB 158	4013
RB 161	4089
RB 162	4115
RB 163	4140
RB 165	4191
RB 167	4242
RB 168	4267
RB 173	4394
RB 175	4445
RB 177	4496
RB 180	4572
RB 186	4724
RB 188	4775
RB 192	4877
RB 195	4953
RB 197	5004



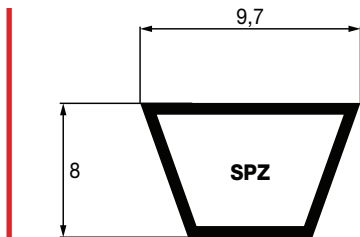
RC SECTION	
CODE	INTERNAL LENGTH LI (mm)
RC 98	2489
RC 99	2515
RC 100	2540
RC 101	2565
RC 102	2591
RC 104	2642
RC 105	2667
RC 106	2692
RC 108	2743
RC 110	2794
RC 112	2845

RC SECTION	
CODE	INTERNAL LENGTH LI (mm)
RC 115	2921
RC 118	2997
RC 120	3048
RC 124	3150
RC 128	3251
RC 130	3302
RC 134	3404
RC 136	3454
RC 140	3556
RC 142	3607
RC 144	3658

RC SECTION	
CODE	INTERNAL LENGTH LI (mm)
RC 148	3759
RC 153	3886
RC 158	4013
RC 160	4064
RC 165	4191
RC 166	4216
RC 168	4267
RC 173	4394
RC 180	4572
RC 195	4953
RC 210	5334

# BANDED V-BELTS

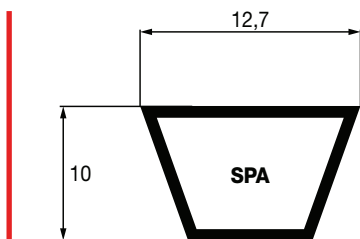
## PLURIBAND



RSPZ SECTION	
CODE	PITCH LENGTH LW (mm)
RSPZ 1400	1400
RSPZ 1500	1500
RSPZ 1600	1600
RSPZ 1700	1700
RSPZ 1800	1800
RSPZ 1900	1900

RSPZ SECTION	
CODE	PITCH LENGTH LW (mm)
RSPZ 2000	2000
RSPZ 2120	2120
RSPZ 2240	2240
RSPZ 2360	2360
RSPZ 2500	2500
RSPZ 2650	2650

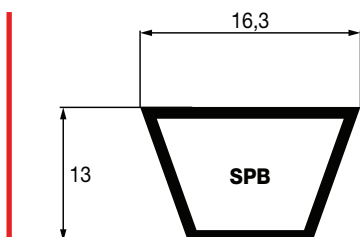
RSPZ SECTION	
CODE	PITCH LENGTH LW (mm)
RSPZ 2800	2800
RSPZ 3000	3000
RSPZ 3150	3150
RSPZ 3350	3350
RSPZ 3550	3550



RSPA SECTION	
CODE	PITCH LENGTH LW (mm)
RSPA 1500	1500
RSPA 1600	1600
RSPA 1700	1700
RSPA 1800	1800
RSPA 1900	1900
RSPA 2000	2000
RSPA 2120	2120

RSPA SECTION	
CODE	PITCH LENGTH LW (mm)
RSPA 2240	2240
RSPA 2360	2360
RSPA 2500	2500
RSPA 2650	2650
RSPA 2800	2800
RSPA 3000	3000
RSPA 3150	3150

RSPA SECTION	
CODE	PITCH LENGTH LW (mm)
RSPA 3350	3350
RSPA 3550	3550
RSPA 3750	3750
RSPA 4000	4000
RSPA 4250	4250
RSPA 4500	4500



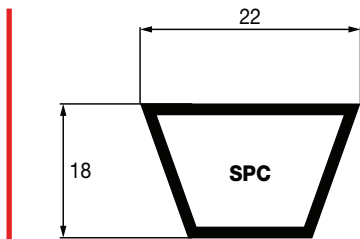
RSPB SECTION	
CODE	INTERNAL LENGTH LI (mm)
RSPB 2000	2000
RSPB 2120	2120
RSPB 2240	2240
RSPB 2360	2360
RSPB 2500	2500
RSPB 2650	2650
RSPB 2800	2800
RSPB 3000	3000
RSPB 3150	3150

RSPB SECTION	
CODE	INTERNAL LENGTH LI (mm)
RSPB 3350	3350
RSPB 3550	3550
RSPB 3750	3750
RSPB 4000	4000
RSPB 4250	4250
RSPB 4500	4500
RSPB 4750	4750
RSPB 5000	5000
RSPB 5300	5300

RSPB SECTION	
CODE	INTERNAL LENGTH LI (mm)
RSPB 5600	5600
RSPB 6000	6000
RSPB 6300	6300
RSPB 6700	6700
RSPB 7100	7100
RSPB 7500	7500
RSPB 8000	8000

# BANDED V-BELTS

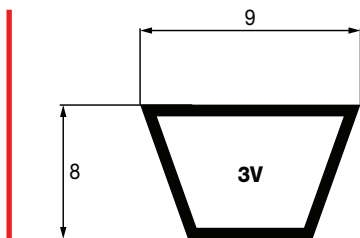
## PLURIBAND



RSPC SECTION	
CODE	INTERNAL LENGTH LI (mm)
RSPC 3000	3000
RSPC 3150	3150
RSPC 3350	3350
RSPC 3550	3550
RSPC 3750	3750
RSPC 4000	4000
RSPC 4250	4250
RSPC 4500	4500
RSPC 4750	4750

RSPC SECTION	
CODE	INTERNAL LENGTH LI (mm)
RSPC 5000	5000
RSPC 5300	5300
RSPC 5600	5600
RSPC 6000	6000
RSPC 6300	6300
RSPC 6700	6700
RSPC 7100	7100
RSPC 7500	7500
RSPC 8000	8000

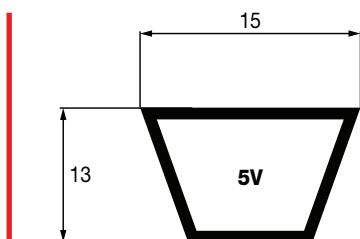
RSPC SECTION	
CODE	INTERNAL LENGTH LI (mm)
RSPC 8500	8500
RSPC 9000	9000
RSPC 9500	9500
RSPC 10000	10000
RSPC 10600	10600
RSPC 11200	11200
RSPC 11800	11800
RSPC 12500	12500



R3V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R3V 335	850
R3V 355	900
R3V 375	950
R3V 400	1015
R3V 425	1080
R3V 450	1145
R3V 475	1205
R3V 500	1270
R3V 530	1345

R3V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R3V 560	1420
R3V 600	1525
R3V 630	1600
R3V 670	1700
R3V 710	1800
R3V 750	1900
R3V 800	2030
R3V 850	2160
R3V 900	2290

R3V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R3V 950	2410
R3V 1000	2540
R3V 1060	2690
R3V 1120	2840
R3V 1180	3000
R3V 1250	3180
R3V 1320	3350
R3V 1400	3550



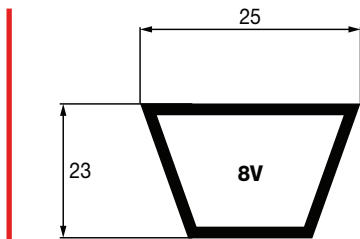
R5V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R5V 500	1270
R5V 530	1345
R5V 560	1420
R5V 600	1525
R5V 630	1600
R5V 670	1700
R5V 710	1800
R5V 750	1900
R5V 800	2030
R5V 850	2160
R5V 900	2290
R5V 950	2410

R5V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R5V 1000	2540
R5V 1120	2840
R5V 1180	3000
R5V 1250	3180
R5V 1320	3350
R5V 1400	3550
R5V 1500	3810
R5V 1600	4060
R5V 1700	4320
R5V 1800	4570
R5V 1900	4830
R5V 2000	5080

R5V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R5V 2120	5380
R5V 2240	5690
R5V 2360	6000
R5V 2500	6350
R5V 2650	6730
R5V 2800	7100
R5V 3000	7620
R5V 3150	8000
R5V 3350	8500
R5V 3550	9000

# BANDED V-BELTS

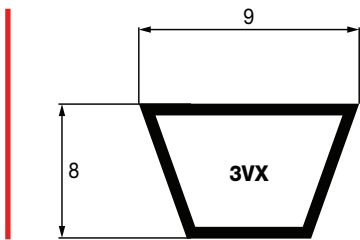
## PLURIBAND



R8V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R8V 1000	2540
R8V 1060	2690
R8V 1120	2840
R8V 1180	3000
R8V 1250	3180
R8V 1320	3350
R8V 1400	3550
R8V 1500	3810
R8V 1600	4060
R8V 1700	4320
R8V 1800	4570

R8V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R8V 1900	4830
R8V 2000	5080
R8V 2120	5380
R8V 2240	5690
R8V 2360	6000
R8V 2500	6350
R8V 2650	6730
R8V 2800	7100
R8V 3000	7620
R8V 3150	8000
R8V 3350	8500

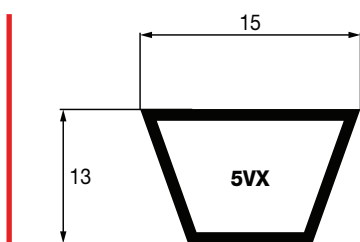
R8V SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R8V 3550	9000
R8V 3750	9500
R8V 4000	10160
R8V 4250	10800
R8V 4500	11430
R8V 4750	12060
R8V 5000	12700
R8V 5600	14200
R8V 6000	15250



R3VX SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R3VX 250	630
R3VX 265	670
R3VX 280	710
R3VX 300	760
R3VX 315	800
R3VX 335	850
R3VX 355	900
R3VX 375	950
R3VX 400	1015
R3VX 425	1080

R3VX SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R3VX 450	1145
R3VX 475	1205
R3VX 500	1270
R3VX 530	1345
R3VX 560	1420
R3VX 600	1525
R3VX 630	1600
R3VX 670	1700
R3VX 710	1800
R3VX 750	1900

R3VX SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R3VX 800	2030
R3VX 850	2160
R3VX 900	2290
R3VX 950	2410
R3VX 1000	2540
R3VX 1060	2690
R3VX 1120	2840
R3VX 1180	3000
R3VX 1250	3180
R3VX 1320	3350
R3VX 1400	3550



R5VX SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R5VX 500	1270
R5VX 530	1345
R5VX 560	1420
R5VX 600	1525
R5VX 630	1600
R5VX 670	1700
R5VX 710	1800
R5VX 800	2030

R5VX SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R5VX 850	2160
R5VX 900	2290
R5VX 950	2410
R5VX 1000	2540
R5VX 1060	2690
R5VX 1120	2840
R5VX 1180	3000
R5VX 1250	3180

R5VX SECTION	
CODE	NOMINAL EXTERNAL LENGTH (mm)
R5VX 1320	3350
R5VX 1400	3550
R5VX 1500	3810
R5VX 1600	4060
R5VX 1700	4320
R5VX 1800	4570
R5VX 1900	4830
R5VX 2000	5080