

RAPPLON® Roller Drive Belts



Keep the goods rolling

Ammeraal Beltech is your guarantee for reliability of process and conveyor belts, high performance flat belts and perfect on-site service around the clock.

Easy and accurate belt calculation online

E-RappCalc® is the new online calculation tool to calculate the optimal flat belts for your applications in an easy way. It is no guess work and each calculation step can be retraced. The tool allows easy and safe dimensioning of your RAPPLON® Flat belt for all your life roller applications including precise instructions regarding belt tension for the on site fitting staff.

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Application description

Logistics and automated production are industries for the future. Optimising workflow and improving process efficiency are important aspects of our development work.

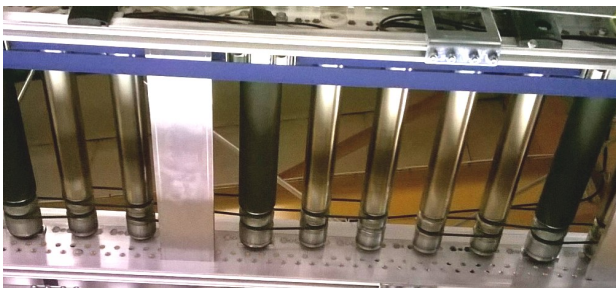
Roller conveyor systems dominate logistics and distribution centres throughout the world. They are frequently installed to link different manufacturing processes. Important tasks are achieved by life rollers drives to guarantee a trouble-free material flow.

Zones

Various zones with separate operations such as accelerating, diverting or accumulation with zero, low or full pressure can be safely achieved with RAPPLON® flat belts.

RAPPLON® High performance flat belts offer a wide selection of different solutions to all sorts of accumulation techniques.

- Distribution
- Accumulation
- Diversion
- Merges
- Singulation
- Transfers
- Accelerations
- Decelerations
- etc.



Classic flat belts - Unique features offering outstanding advantages for your benefit

Feature	Advantage	Benefit
High modulus Polyamide foil tensile member	Shock absorbing, easy on bearings Highly temperature resistant	Handles shock loads and jams Suitable for exceptional environments
Extremely high edge resistance	No edge fraying	Long service life, no hygienic issues
TNBR elastomer covers	Wear resistant Optimal grip	Extended service life Highly efficiency
Permanently antistatic	Prevent accumulation of dust	Highest possible efficiency
E-RappCalc®	Calculate best performing belt	High efficiency at lowest cost

Technical data RAPPLON® Classic flat belts

Article No.	RAPPLON® Belt description	Thickness in mm	K1% in N/mm dynamic	Recommended elongation %	Min. pulley Ø at 20°C in mm	Friction top/bottom
54702	GT S04 RC	1,30	4	2,0-3,0	20	low/high
54703	GT S06 RC	1,40	6	2,0-3,0	40	low/high
54738	GG S04.17 RFC	1,70	4	2,0-3,0	20	high/high
54734	GG S06.18 RFC	1,80	6	2,0-3,0	40	high/high
54733	GG S09.22 RFC	2,20	9	2,0-3,0	60	high/high
54530	GG S11.26 RFC	2,60	11	2,0-3,0	60	high/high
54748	GG S15.30 RRC	3,00	15	2,0-3,0	80	high/high
54749	GG S18.40 RRC	4,00	18	2,0-3,0	160	high/high

E-RappCalc®

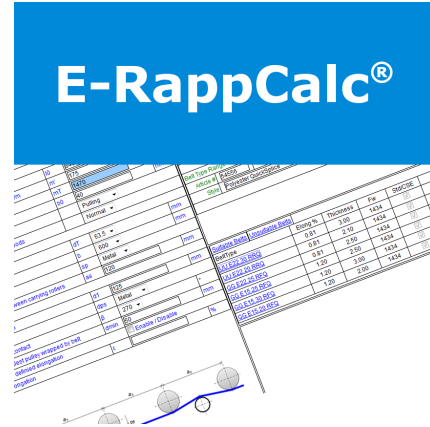
Easy and accurate belt calculation online

NEW

E-RappCalc® is the new online calculation tool to calculate the optimal flat belts for your applications in an easy way. It is no guess work and each calculation step can be retraced. The tool allows easy and safe dimensioning of your RAPPLON® Flat belt for all your life roller applications including precise instructions regarding belt tension for the on site fitting staff.

Please contact your nearest Ammeraal Beltech agent and complete our questionnaire.

We will supply you the optimal belt for your system.



Quicksplice flat belts - Unique features offering outstanding advantages for your benefit

Feature	Advantage	Benefit
High modulus Polyester fabric tensile member	Extremely flexible No elongation Dimensional stable	Lowest energy consumption No re-tensioning necessary Just fit and forget
High edge resistance	Less edge fraying	Long service life, no hygienic issues
TNBR elastomer covers	Abrasion and wear resistant Optimal grip	Extended service life Highly efficiency
Food grade polyurethane covers	Wear resistant	Allows accumulation, no hygienic issues
QuickSplice	Quick and simple splicing with QSP-Tools	Safe joint, perfectly aligned, everybody can splice
Permanently antistatic	Prevent accumulation of dust	Highest possible efficiency
E-RappCalc®	Calculate best performing belt	High efficiency at lowest cost

Technical data RAPPLON® QuickSplice flat belts

Article No.	RAPPLON® Belt description	Thickness in mm	K1% in N/mm dynamic	Recommended elongation %	Min. pulley Ø at 20°C in mm	Friction top/bottom
54614	GG E08.20 RRQ	2,00	8	0,5-1,5	25	high/high
54655	GG E15.20 RFQ	2,00	15	0,5-1,5	25	high/high
54656	GG E15.25 RFQ	2,50	15	0,5-1,5	25	high/high
54665	GG E22.25 RFQ	2,50	22	0,5-1,5	40	high/high
54657	GG E15.30 RFQ	3,00	15	0,5-1,5	40	high/high
54666	GG E22.30 RFQ	3,00	22	0,5-1,5	60	high/high
54627	GG E35.30 RRQ	3,00	35	0,5-1,5	60	high/high
54561	UU E15.20 RFQ FG	2,00	15	0,5-1,5	30	medium/medium
54555	UU E22.20 RRQ FG	2,00	22	0,5-1,5	30	medium/medium
54542	UU E15.30 RFQ FG	3,00	15	0,5-1,5	30	medium/medium
54556	UU E22.30 RRQ FG	3,00	22	0,5-1,5	40	medium/medium

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