

LBS

conveyor belts



PROFILED RUBBER CONVEYOR BELTS
THE COMPLETE RANGE

PROBELL[®]

endless in service and innovation



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Inleiding

Probelt® offers you a comprehensive and high quality line in the field of flat and profiled rubber conveyor belts. The Probelt® line has been designed for various industries such as: Recycling, Road Construction, Mining, Quarrying, Material handling as well as Forestry, Agri- and Horticulture.

The LBS Emmen line of Probelt® profiled rubber conveyor belts is one of the most comprehensive lines available on the market today.

The foundation of this line is over 10 years of experience with the designing and development of profiled rubber conveyor belts together with renowned brands. Due to this, the Probelt® line meets the demand for a full range of profiled rubber conveyor belts for the modern day industry.

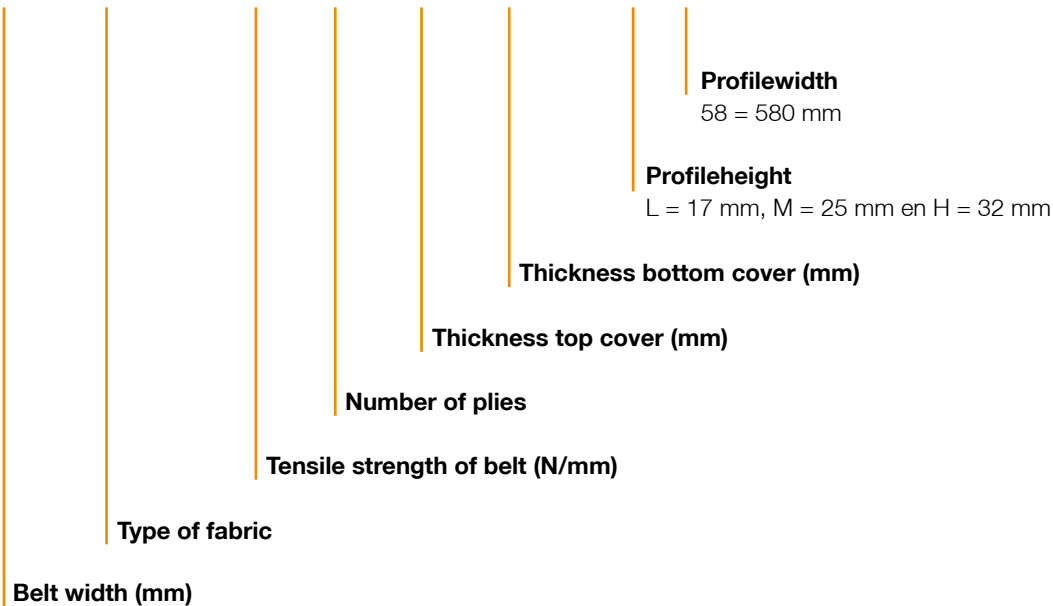
As well as the standard programme, LBS Emmen has the possibility to offer tailor-made solutions subject to customer specification (special profiles, top cover qualities, belt constructions, etc.).

For this purpose we develop and innovate together with you!

Go for quality, buy the original!



Our description

800/EP
400/3
3+1½
H58


Top layer qualities

The standard top layer quality of our profiled Probelt® conveyor belts meets the requirements of DIN Y.

Besides this standard top cover quality, we can offer a variety of top cover qualities according to the table below and, for example, also in MOR (Moderate Oil Resistant) quality.

Deklaag kwaliteit		Min. Treksterkte Mpa	Min. Rek %	Max. Slijtwaarde mm ³
DIN Y	High Strenght & Abrasion Resistant	20 ↑	400 ↑	150 ↓
DIN X	Super Strenght & Abrasion Resistant	25 ↑	450 ↑	120 ↓
DIN W	Super Abrasion Resistant	18 ↑	400 ↑	90 ↓
DIN K	Flame Resistant & Antistatic	20 ↑	400 ↑	200 ↓
SAR	Special Abrasion Resistant	20 ↑	450 ↑	100 ↓
MOR	Moderate Oil Resistant	14 ↑	400 ↑	250 ↓

DIN Y standard, other top cover qualities on request

Making the belts endless

LBS Emmen can make your conveyor belt endless using the following standard methods.

- Hot vulcanised
 - With preservation of profile
- Mechanical fasteners
 - Steel
 - Stainless steel
 - Anti magnetic

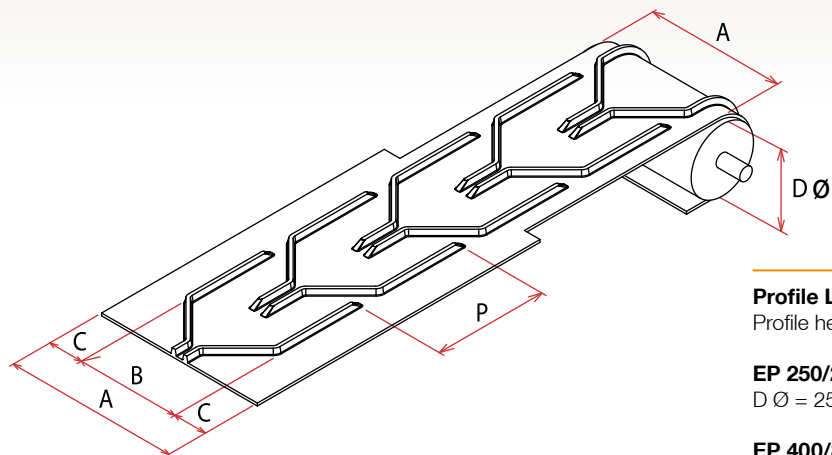
Delivery options

- Full rolls
 - L-profiles ca. 160 m roll length
 - M- and H-profiles ca. 120 m roll length
- Partial lengths



Areas of application

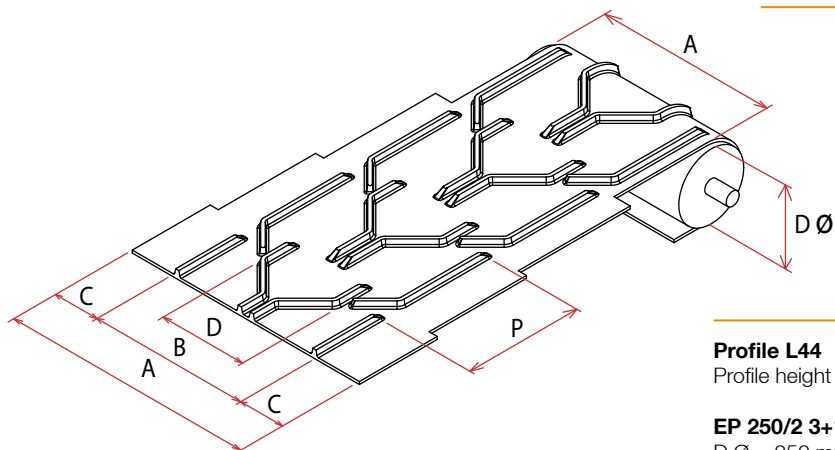
- Cement and lime factories
- Sand and Stone quarries
- Agriculture: beetroot, grain, potatoes, onions, artificial fertilizers, etc.
- Coal and cokes
- Salt industry
- Wood processing industry
- Bags and bales
- Various bulk goods
- Mobile/stationary Crushing and Screening installations
- Transport and logistics
- Road construction
- etc.



Profile L30

Profile L30 B = 300 mm P = 330 mm
Profile height = 17 mm

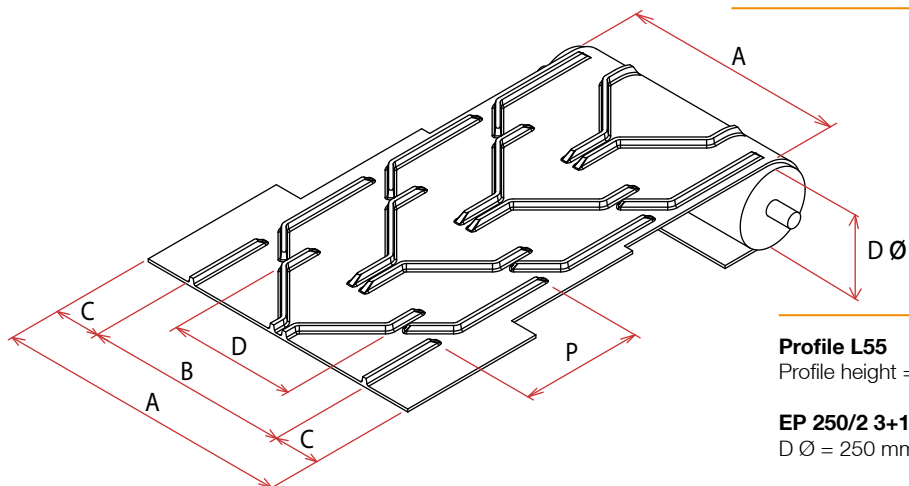
EP 250/2 3+1½	A =	400	500
D Ø = 250 mm	C =	50	100
	kg/m1	3,8	4,6
EP 400/3 3+1½	A =	-	500
D Ø = 300 mm	C =	-	100
	kg/m1	-	5,3



Profile L44

Profile L44 B = 440 mm D = 240 mm P = 330 mm
Profile height = 17 mm

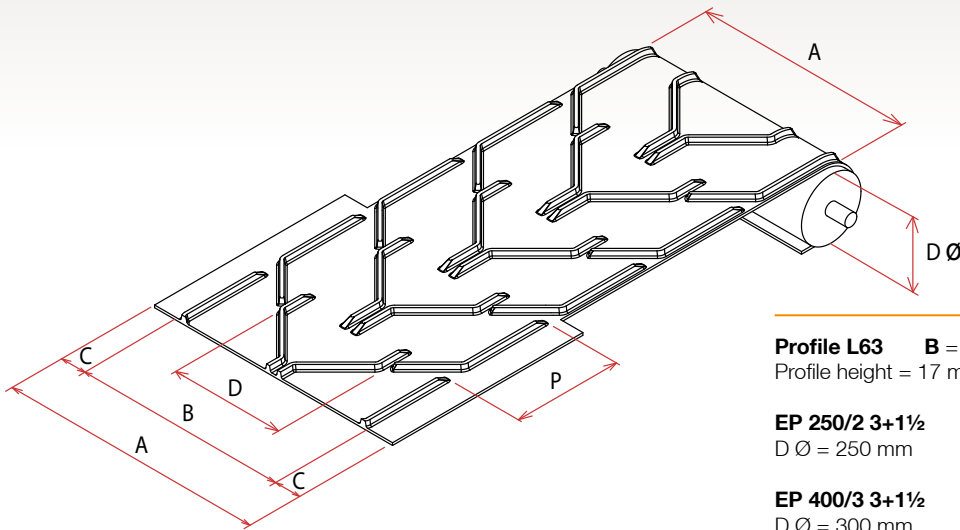
EP 250/2 3+1½	A =	500	600	650	900
D Ø = 250 mm	C =	30	80	105	230
	kg/m1	4,8	5,6	5,8	8,8
EP 400/3 3+1½	A =	500	600	650	-
D Ø = 300 mm	C =	30	80	105	-
	kg/m1	5,6	6,5	6,9	-
EP 630/4 4+2	A =	-	-	650	-
D Ø = 500 mm	C =	-	-	105	-
	kg/m1	-	-	8,9	-
EP 400/3 2+0	A =	700	-	-	-
D Ø = 250 mm	C =	130	-	-	-
	kg/m1	6,4	-	-	-



Profile L55

Profile L55 B = 550 mm D = 340 mm P = 330 mm
Profile height = 17 mm

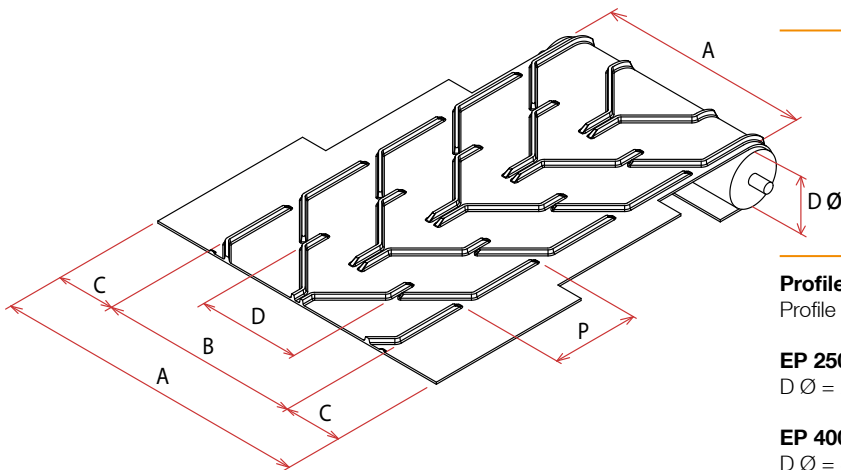
EP 250/2 3+1½	A =	600	650	800
D Ø = 250 mm	C =	25	50	125
	kg/m1	5,9	6,2	7,1
EP 400/3 3+1½	A =	600	650	800
D Ø = 300 mm	C =	25	50	125
	kg/m1	6,9	7,1	8,3



Profile L63

Profile L63 B = 630 mm D = 340 mm P = 330 mm
Profile height = 17 mm

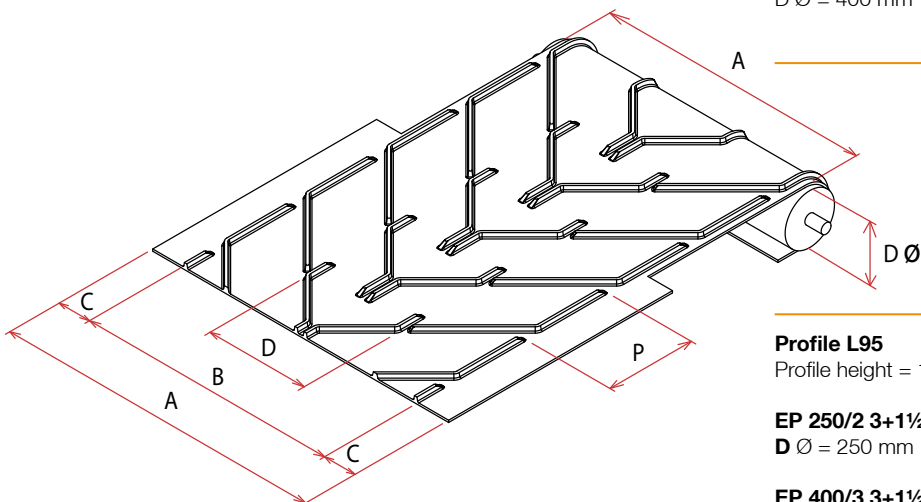
EP 250/2 3+1½ D Ø = 250 mm	A = C = kg/m1	650 10 6,2	800 85 7,3
EP 400/3 3+1½ D Ø = 300 mm	A = C = kg/m1	650 10 7,1	800 85 8,5
EP 450/3 2+0 D Ø = 300 mm	A = C = kg/m1	- - -	800 85 7,6



Profile L75

Profile L75 B = 750 mm D = 380 mm P = 330 mm
Profile height = 17 mm

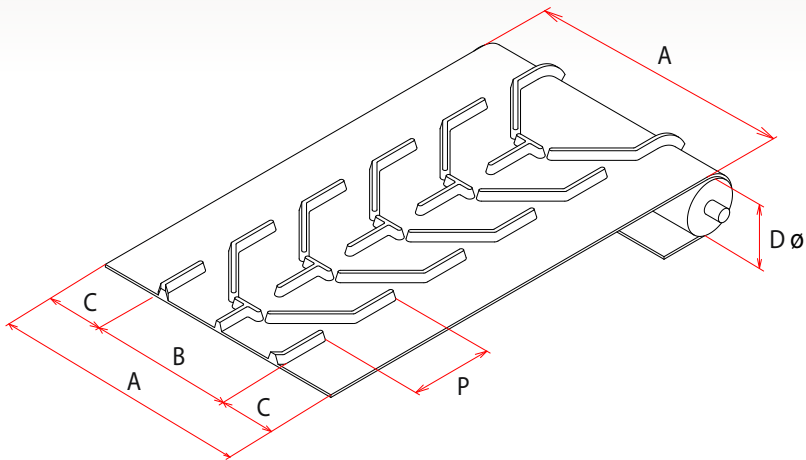
EP 250/2 3+1½ D Ø = 250 mm	A = C = kg/m1	800 25 7,2	1.000 125 10,1	- - -
EP 400/3 3+1½ D Ø = 300 mm	A = C = kg/m1	800 25 8,3	1.000 125 10,3	1.200 225 12
EP 400/3 4+2 D Ø = 315 mm	A = C = kg/m1	- 125 -	1.000 125 12	- - -
XE 400/3 3+2 D Ø = 400 mm	A = C = kg/m1	- 125 -	1.000 125 13,8	1.200 225 16,7



Profile L95

Profile L95 B = 950 mm D = 380 mm P = 330 mm
Profile height = 17 mm

EP 250/2 3+1½ D Ø = 250 mm	A = C = kg/m1	1.000 10,1 10,9	1.200 25 12,5	125
EP 400/3 3+1½ D Ø = 300 mm	A = C = kg/m1	1.000 25 10,9	1.200 125 12,5	
EP 500/4 4+2 D Ø = 500 mm	A = C = kg/m1	- 125 -	1.200 125 17,6	

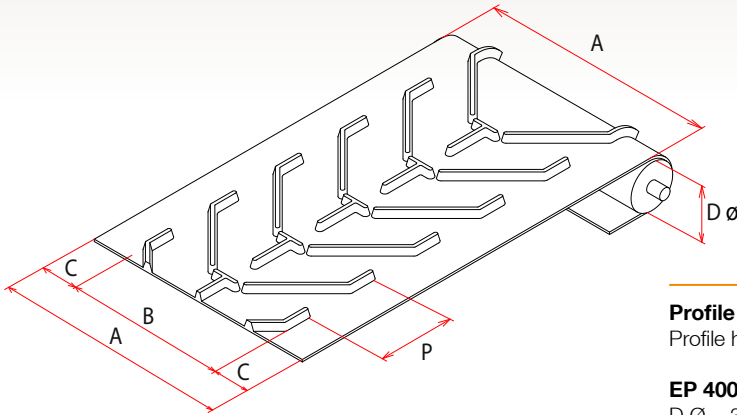


Profile M45

Profile M45 **B** = 450 mm **P** = 250 mm
 Profile height = 25 mm

EP 250/2 3+1½	A =	650
D Ø = 315 mm	C =	100
	kg/m1	7,1
EP 400/3 3+1½	A =	650
D Ø = 315 mm	C =	100
	kg/m1	7,8

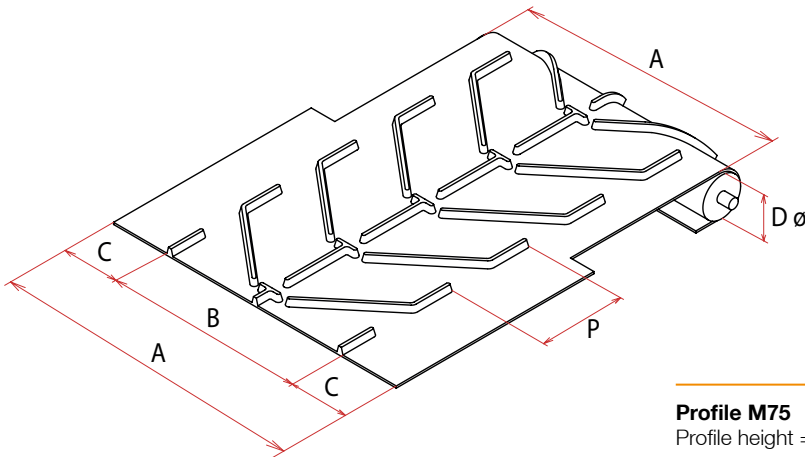




Profile M55

Profile M55 B = 550 mm P = 250 mm
Profile height = 25 mm

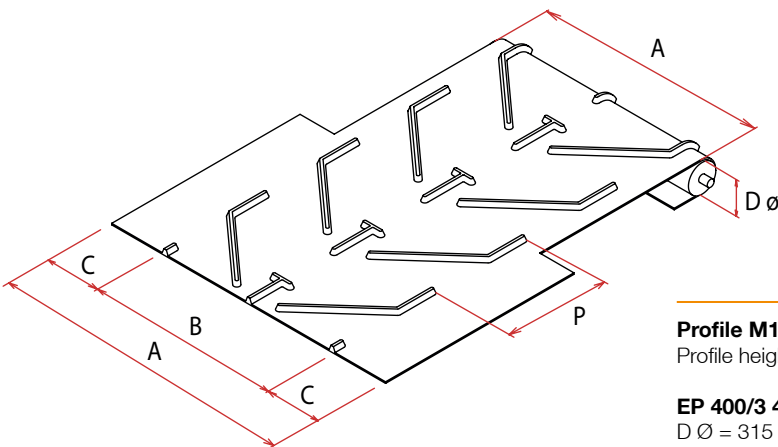
EP 400/3 3+1½	A =	800
D Ø = 315 mm	C =	125
	kg/m1	9,2



Profile M75

Profile M75 B = 750 mm D = 127 mm P = 334 mm
Profile height = 25 mm

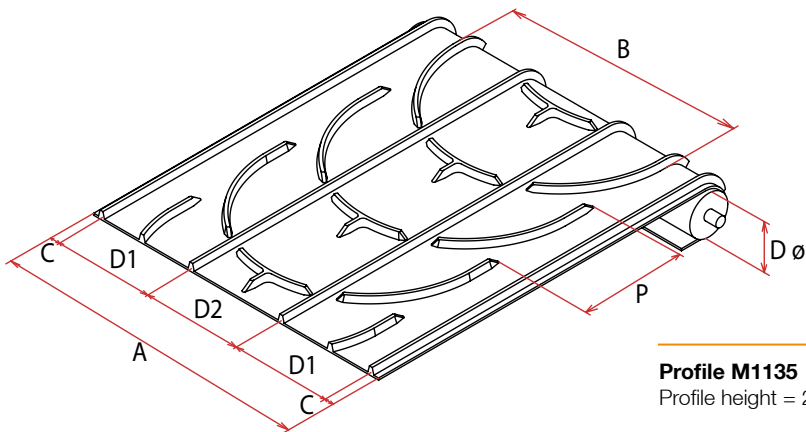
EP 400/3 3+1½	A =	1.000	1.200
D Ø = 315 mm	C =	125	225
	kg/m1	11	12,9



Profile M1000

Profile M1000 B = 1.000 mm
Profile height = 25 mm

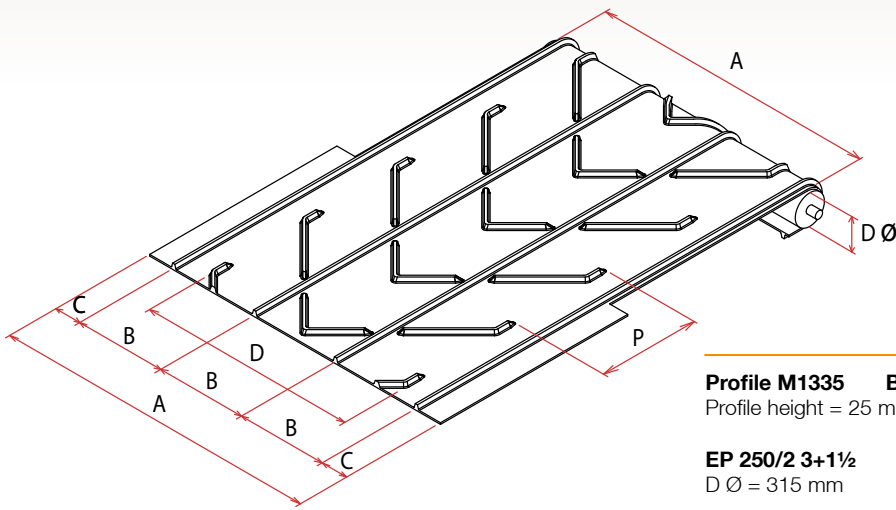
EP 400/3 4+2	A =	1.200	1.600
D Ø = 315 mm	C =	100	300
	P =	530	400
	kg/m1	15,3	20,5
EP 400/3 4+2 MOR	A =	-	1.600
D Ø = 315 mm	C =	-	300
	P =	-	400
	kg/m1	-	20,5
EP 500/4 3+2	A =	1.200	-
D Ø = 400 mm	C =	100	-
	P =	400	-
	kg/m1	16,5	-



Profile M1135

Profile M1135 B = 881 mm D1 = 378 mm D2 = 379 mm P = 400
Profile height = 25 mm

EP 250/2 3+1½	A =	1.200
D Ø = 300 mm	C =	32,5
	kg/m1	14,9
EP 400/3 4+2	A =	1.200
D Ø = 315 mm	C =	32,5
	kg/m1	17,2
EP 400/3 4+2 MOR	A =	1.200
D Ø = 315 mm	C =	32,5
	kg/m1	17,7
XE 400/3 4+2	A =	1.200
D Ø = 315 mm	C =	32,5
	kg/m1	19,8
EP 500/3+1ST 5+3	A =	1.200
D Ø = 500 mm	C =	32,5
	kg/m1	23

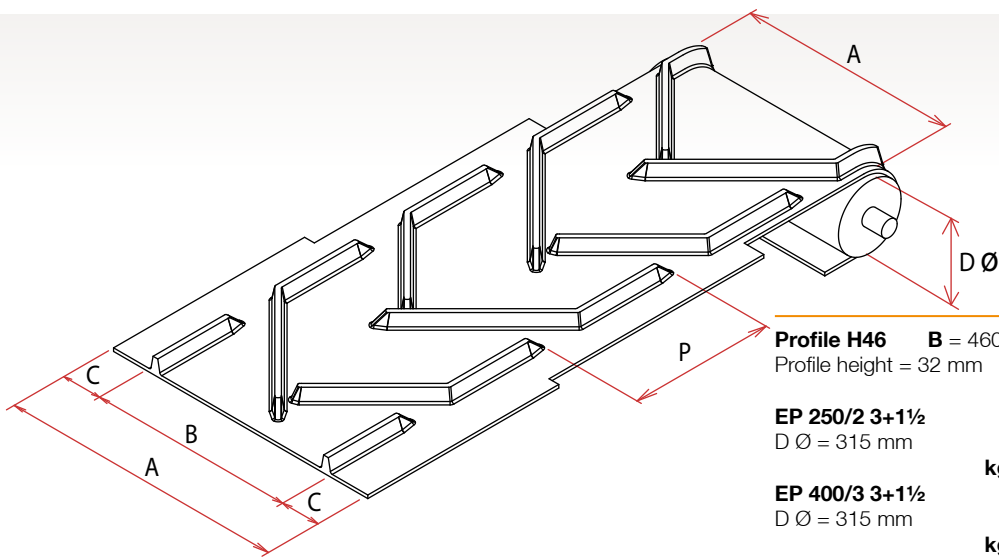


Profile M1335

Profile M1335 **B = 445 mm** **D = 1.077 mm** **P = 480 mm**
 Profile height = 25 mm

EP 250/2 3+1½	A =	1.400
D Ø = 315 mm	C =	32,5
	kg/m1	16,4
EP 400/3 4+2	A =	1.400
D Ø = 315 mm	C =	32,5
	kg/m1	19,3
EP 400/3 4+2 MOR	A =	1.400
D Ø = 315 mm	C =	32,5
	kg/m1	19,5
XE 400/3 4+2	A =	1.400
D Ø = 315 mm	C =	32,5
	kg/m1	20,3
EP 500/4 4+2	A =	1.400
D Ø = 500 mm	C =	32,5
	kg/m1	21,8
EP 500/3+1ST 5+3	A =	1.400
D Ø = 500 mm	C =	32,5
	kg/m1	27,3

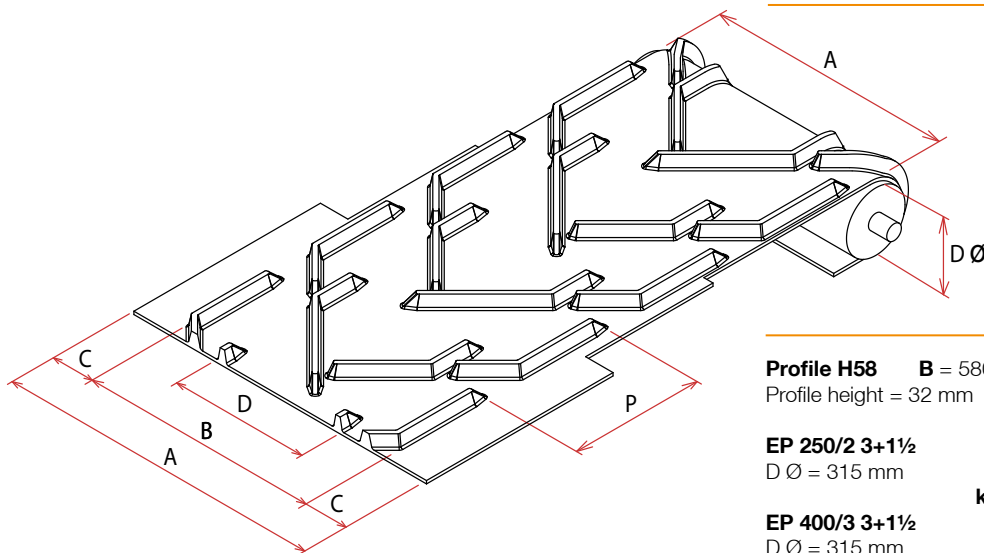




Profile H46

Profile H46 B = 460 mm P = 330 mm
Profile height = 32 mm

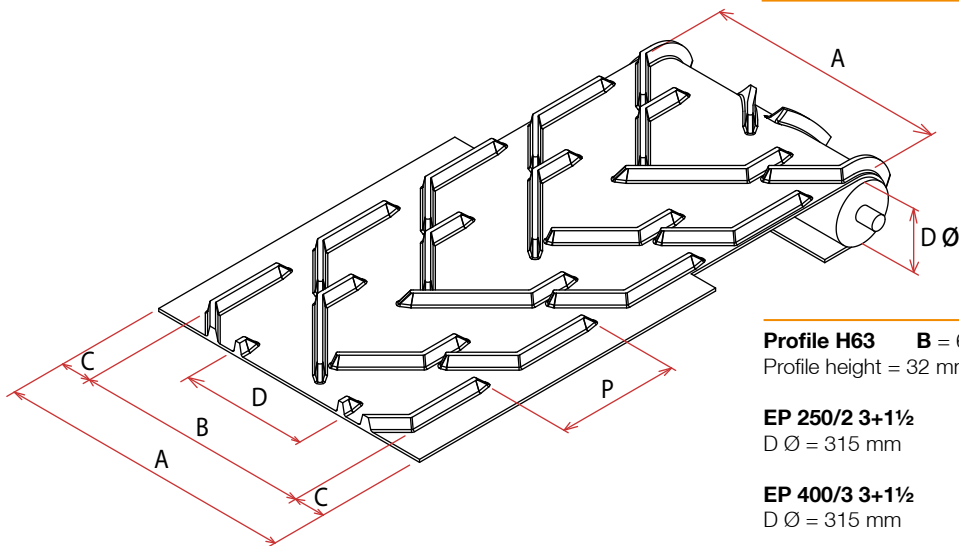
EP 250/2 3+1½	A =	500	600	650
D Ø = 315 mm	C =	20	70	95
	kg/m1	5,9	6,6	6,9
EP 400/3 3+1½	A =	500	600	650
D Ø = 315 mm	C =	20	70	95
	kg/m1	6,6	7,4	7,9
EP 500/3+1ST 10+3	A =	-	-	800
D Ø = 500 mm	C =	-	-	170
	kg/m1	-	-	20,2



Profile H58

Profile H58 B = 580 mm D = 340 mm P = 330 mm
Profile height = 32 mm

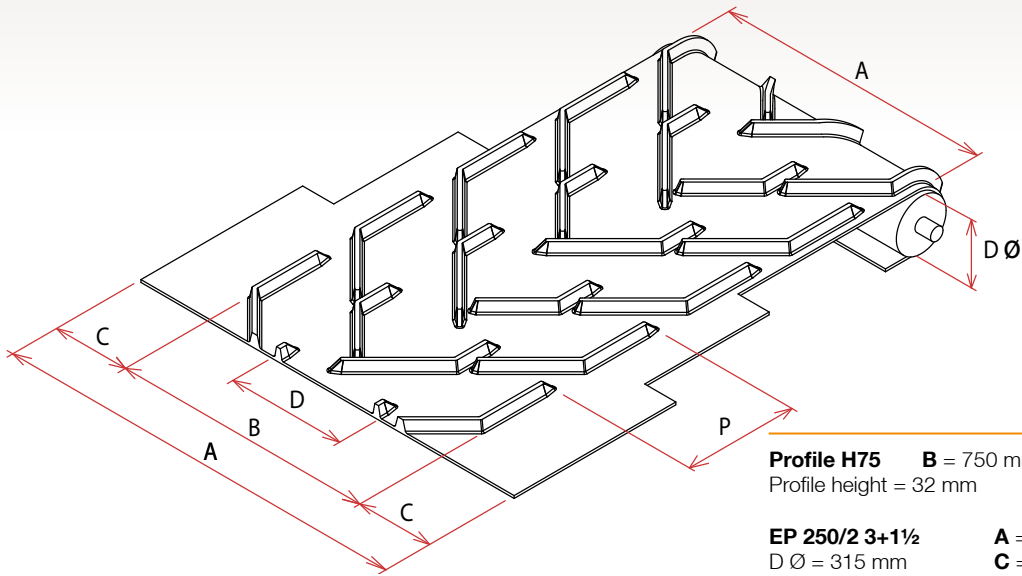
EP 250/2 3+1½	A =	600	650	-
D Ø = 315 mm	C =	10	35	-
	kg/m1	7,7	7,6	-
EP 400/3 3+1½	A =	600	650	800
D Ø = 315 mm	C =	10	35	110
	kg/m1	8,1	8,5	9,9



Profile H63

Profile H63 B = 630 mm D = 340 mm P = 330 mm
Profile height = 32 mm

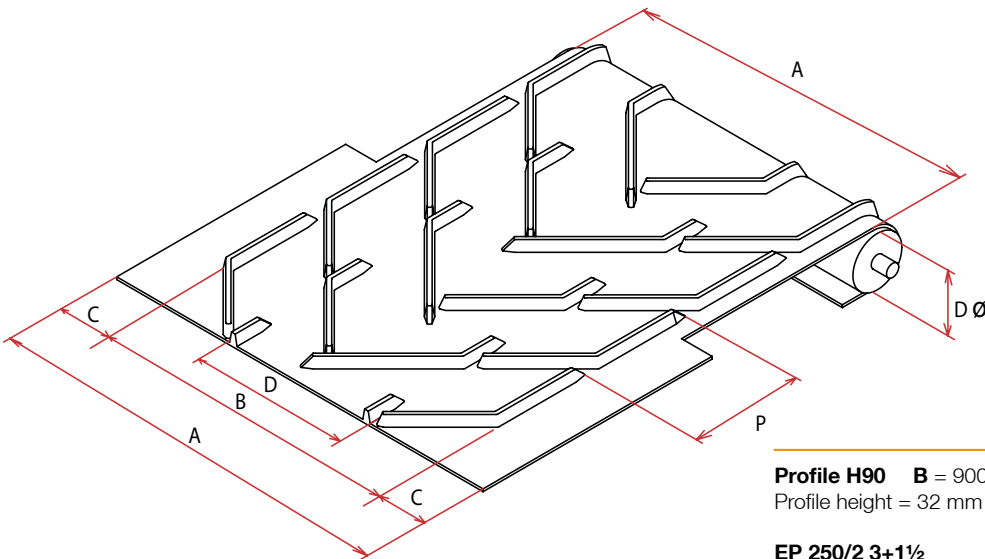
EP 250/2 3+1½	A =	650	800
D Ø = 315 mm	C =	10	85
	kg/m1	8,1	8,7
EP 400/3 3+1½	A =	650	800
D Ø = 315 mm	C =	10	85
	kg/m1	8,6	9,9
XE 400/3 4+2	A =	-	800
D Ø = 400 mm	C =	-	85
	kg/m1	-	14



Profile H75

Profile H75 B = 750 mm D = 340 mm P = 330 mm
Profile height = 32 mm

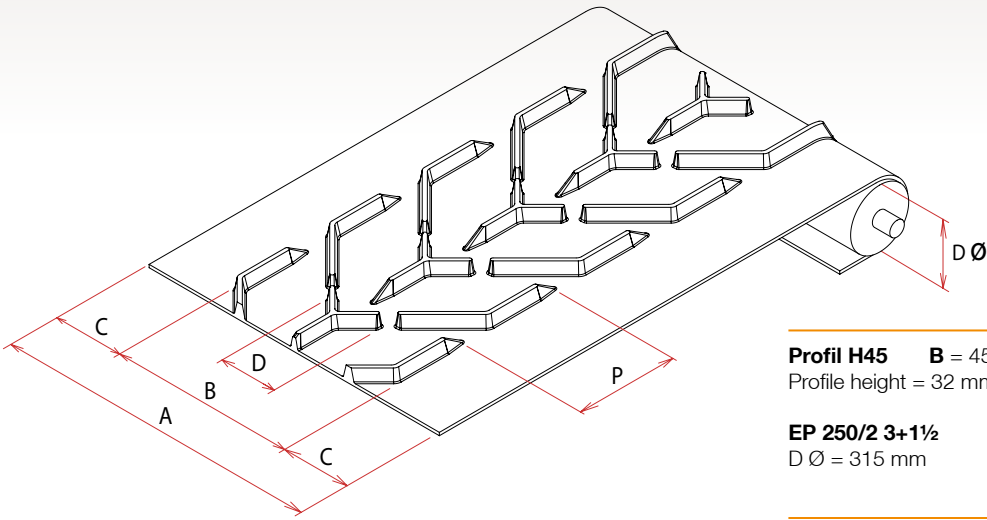
EP 250/2 3+1½ D Ø = 315 mm	A =	800	1.000	-
	C =	25	125	-
EP 400/3 3+1½ D Ø = 315 mm	kg/m1	9,3	11,6	-
	A =	800	1.000	1.200
EP 400/3 3+1½ MOR D Ø = 315 mm	C =	25	125	225
	kg/m1	9,7	12,1	14,5
EP 500/4 4+2 D Ø = 400 mm	A =	-	1.000	-
	C =	-	125	-
	kg/m1	-	13,6	-
	A =	-	1.000	1.200
	C =	-	125	225
	kg/m1	-	16,93	19,7



Profile H90

Profile H90 B = 900 mm D = 379 mm P = 330 mm
Profile height = 32 mm

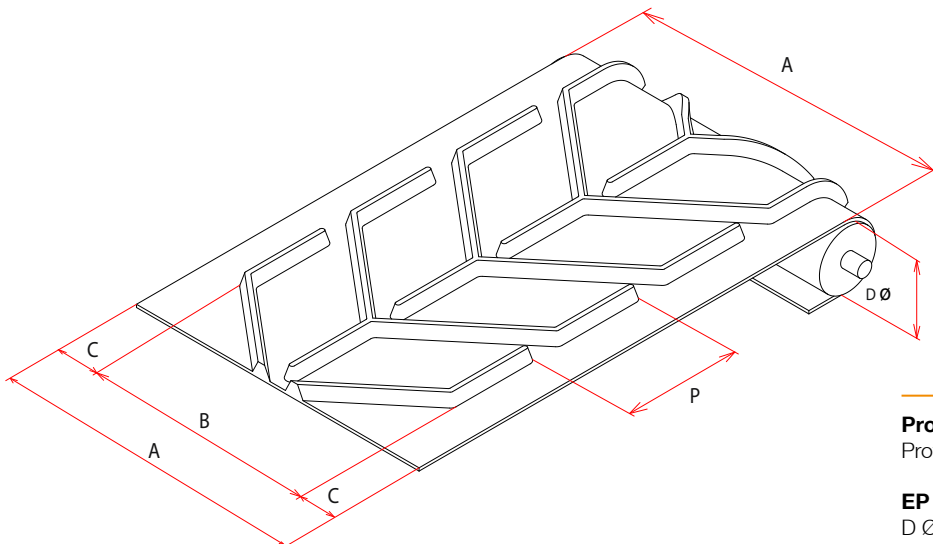
EP 250/2 3+1½ D Ø = 315 mm	A =	1.000	-
	C =	50	-
EP 400/3 3+1½ D Ø = 315 mm	kg/m1	11,9	-
	A =	1.000	1.200
EP 500/4 4+2 D Ø = 500 mm	C =	50	150
	kg/m1	13,4	15,5
	A =	-	1.200
	C =	-	150
	kg/m1	-	19,4



Profile H45

Profil H45 **B** = 450 mm **D** = 140 mm **P** = 225 mm
Profile height = 32 mm

EP 250/2 3+1½	A =	500	650
D Ø = 315 mm	C =	25	100
	kg/m1	6,5	7,8



Profile Y32 P600

Profil Y32 P600 **B** = 600 mm **P** = 300 mm
Profile height = 32 mm

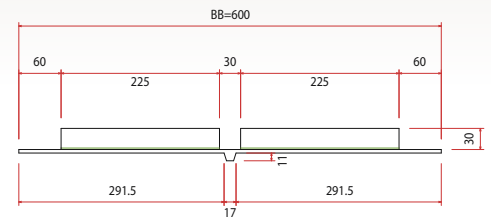
EP 500/3+1ST 10+3	A =	1.000
D Ø = 500 mm	C =	200
	kg/m1	25

SB-48



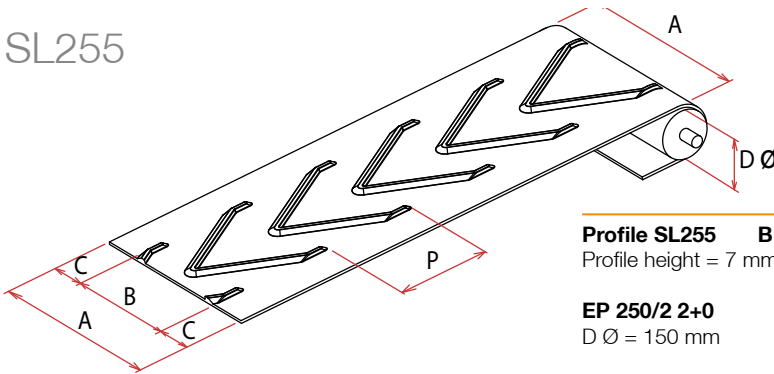
Rubber conveyor belts for various silage applications:

- Stationary silage / mixing installations
- Silage / mixer trucks
- etc.



	kg/m1	D Ø (mm)
600/EP 250/2 1+1 Silage	4,6	150
Pitch cleats = 350 mm		

SL255



Rubber conveyor belts for, e.g.: salt sprinkling installations.



Profile SL255	B = 255 mm	P = 192 mm
Profile height = 7 mm		
EP 250/2 2+0	A = 430	
D Ø = 150 mm	C = 87,5	
	kg/m1	3,4

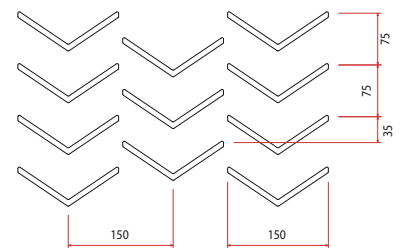
Other belt constructions and belt widths on request

MULTI-V



Rubber conveyor belts for raising various products:

- Garden soil
- Compost
- Woodchips
- etc.



	kg/m ²	D Ø (mm)
EP 315/2 3+1½	9,1	250
EP 400/3 3+1½	10,1	315
EP 500/3 2+0	7,7	400

Other belt constructions and belt widths on request

ROUGH-TOP (RT)

Rubber conveyor belts with grip profile for raising:

- Boxes/packages
- Bags
- Crates
- etc.

The lightweight / flexible profile and the belt constructions allow small drum diameters.

	kg/m ²	D Ø (mm)
EP 250/2 RT+0 Black	6,6	100
EP 250/2 RT+0 Beige	6,6	100
EP 400/3 RT+0 Black	7,9	125
EP 400/3 RT+0 Beige	7,9	125
EP 400/3 RT+1 Black	5,1	250

Other belt constructions and belt widths on request



PROBELL[®]

hotcleat[®]
POWERED BY LBS

Ecocleat[®]
BY LBS

MultiCutter[®]
BY LBS

Synthetic conveyor belts
Rubber conveyor belts
Synthetic modular belts and chains
Drive, timing and round belts
Synthetic gauze belts
Special endless belts
Components for belt conveyors
Technical rubber and synthetics
Service, installation and maintenance



endless in service and innovation



LBS
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