



BUCKETS, FASTENERS & BELTING

Product Overview



ABOUT US

Established in 1974 as a single bearing shop in Durban, South Africa; BMG's aggressive growth strategy has included acquisitions, supplemented by a steady organic growth discipline. BMG attracts best-of-breed talent resulting in technical expertise that differentiates BMG in the industry. Staff are truly part of the BMG family and its success.

BMG boasts an accredited in-house technical and commercial training academy which fosters a culture of staff development and career advancement; it's all about sustainability.

The net result, is a company that reliably supplies and supports 70 000 customers in 15 countries with the widest range of industrial engineered products and expert services in Africa via 105 branches.

BMG is positioned to deliver bespoke 360 degree solutions to its customers, and subsequently return on investment to its investors and shareholders. BMG plays a pivotal role in supporting the productivity and production targets of all Industrial, Manufacturing, Mining and Agricultural sectors of the economies in the countries it serves. With an enviable reputation as Africa's largest distributor, manufacturer and service provider of the highest quality engineering consumables and components; including

- Bearings & Seals
- Power Transmission Components
- Drives, Motors and Controllers
- Hydraulics, Pneumatics and Filtration
- Heavy and Light Duty Materials Handling
- Valves and Lubrication
- Fasteners, Gaskets and Tools

BMG is a level 4 BEE contributor with ISO 9001 Quality Assurance certification. Health and safety of its employees and customers is a paramount focus and the company adheres to ISO 45001. BMG is also committed to environmental care and sustainability and strictly follows the ISO 14001 charter.

As a key contributor to the Invicta Holdings stable, BMG has played a major part in Invicta's unique achievement of being rated in South Africa's Top 100 Companies for 21 consecutive years.



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BUCKETS - SUITABILITY KEY



Cereals



Cement



Pellets & Light Agricultural



Heavy Industrial



Sticky Materials



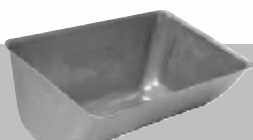
Light Industrial



STARCO
Steel
Agricultural
3



STARCO
HDP/Nylon/Polyurethane
Agricultural
4



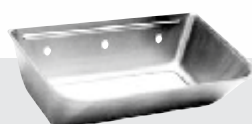
SUPER STARCO
Steel
Agricultural & Industrial
5



SUPER STARCO
HDP/Nylon/Polyurethane
Agricultural & Industrial
7



STARCO JUMBO
Steel
Industrial
8



GB SPIDEX (Bottomless)
Steel
Agricultural
9



CC-S (Stackable)
HDP/Nylon/Polyurethane
Agricultural
11



J TYPE
Steel
Agricultural
13

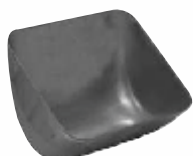


COLUMBUS DIN 15232
Steel
Agricultural
14



CONTINENTAL DIN 15233
Steel
Industrial
15

15/16. How to measure a bucket



A TYPE
Shallow Pattern
Agricultural
16



B TYPE
Medium Pattern
Agricultural & Industrial
17



C TYPE
Medium Deep Pattern
Agricultural & Industrial
19



D TYPE
Deep Pattern
Industrial
21



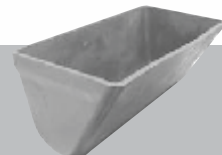
F TYPE
Angle Back Pattern
Industrial
22



ATLAS AA
Nylon Zytel
Industrial/Sticky
23



ATLAS MF
Nylon Zytel
Industrial
24



ATLAS AD
Nylon
Industrial/Sticky
25



POLYPENCO
Nylon
Industrial/Sticky
26



BUDD AA
Nylon
Industrial/Sticky
27

Property	Mild Steel	Stainless 304	Stainless 316	HDP	Nylon 6	Reinforced Nylon	Polyurethane	Nyrim
Cost	1	3	4	1	2	3	4	4
Wear Resistance	3	4	4	1	2	3	3	4
Impact Resistance	2	2	2	1	2	3	2	4
Non-Stick	1	3	3	2	3	3	4	3
FDA Food Approved	x	✓	✓	✓	✓	✓	x	x
Max Temp °C Continuous #	180+	250+	250+	70	100	110	60	110
Max Temp °C Peak #	200	400	400	80	120	130	70	130
Colour	Grey	Silver	Silver	White	Cream	Beige	Green*	Dark Grey

Code 1 = Low 4 = high

* Other colours on request

Refer to our technical department

Material/Applications

Mild Steel General purpose, long life, cereals and industrial products

Stainless 304 Food, corrosive and high temperature products

Stainless 316 Food, highly corrosive and high temperature products

HDP Cereals and food products

Nylon 6

Reinforced Nylon

Polyurethane

Nyrim

Hot, abrasive and sticky products

Hot, highly abrasive and sticky industrial products

Sharp, cutting and sticky products

Extremely abrasive, high impact industrial products

How to measure a bucket



With elevator bucket back laid flat, measure overall length (A).



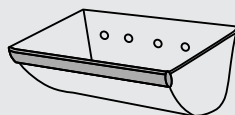
With elevator bucket back laid flat, measure the horizontal projection of the elevator bucket (B).



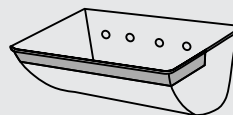
With elevator bucket back laid flat, measure back height (C).

Options

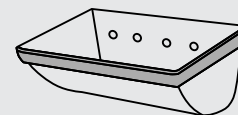
All our buckets can be punched to the own specification. The following options may be applied to any of our buckets.



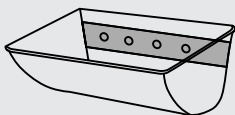
Front Only.



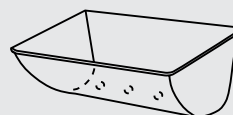
Front and part sides.



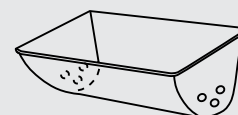
Front and full sides.



Rear reinforcing plate.



Bottom Drain Holes.



Side Drain Holes

BUCKETS - TYPE CC-S

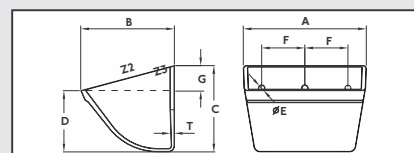
Stackable CC-S Style

HDP / Nylon / Polyurethane

A big volume, heavy duty bucket offering greater capacities. Moulded from premium virgin white polymer for ultimate strength and durability.

- Stackable design saves freight and storage costs
- Maximum impact resistance
- Thickest front lip in the grain industry for no bowing and backlegging
- "Iceberg edge"¾ ensures clean and consistent discharge
- "Engineered" for longer life and better performance

AGRICULTURAL



							Capacity (Litres)			Holes				
No.	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	kg	Z2 (total)	Z3+10%	Z3 (water)	No.	E (Ø mm)	F (mm)	G (mm)	Max. Pcs/Mtr
CC-S 3x2	85	64	53	35	4.5	0.05	0.15	0.12	0.11	To customer specification				15.75
CC-S 4x3	112	89	78	54	5.0	0.11	0.39	0.34	0.31					11.25
CC-S 5x4	135	115	103	72	5.0	0.20	0.80	0.63	0.58					8.75
CC-S 6x4	161	115	103	72	5.0	0.23	0.96	0.81	0.74					8.75
CC-S 7x4	186	115	103	72	5.0	0.26	1.13	0.96	0.87					8.75
CC-S 6x5	163	141	131	93	6.0	0.37	1.48	1.27	1.15					7.15
CC-S 7x5	189	141	131	93	6.0	0.41	1.74	1.49	1.35					7.15
CC-S 8x5	214	141	131	93	6.0	0.45	2.00	1.72	1.56					7.15
CC-S 9x5	240	141	131	93	6.0	0.50	2.22	1.88	1.71					7.15
CC-S 10x5	265	141	131	93	6.0	0.54	2.53	2.17	1.97					7.15
CC-S 11x5	290	141	131	93	6.0	0.59	2.78	2.39	2.17					7.15
CC-S 12x5	316	141	131	93	6.0	0.62	3.05	2.62	2.38					7.15
CC-S 8x6	213	169	154	109	6.0	0.56	2.76	2.31	2.10					6.00
CC-S 9x6	239	169	154	109	6.0	0.64	2.95	2.59	2.35					6.00
CC-S 10x6	264	169	154	109	6.0	0.68	3.38	3.03	2.75					6.00
CC-S 11x6	289	169	154	109	6.0	0.72	3.85	3.41	3.10					6.00
CC-S 12x6	315	169	154	109	6.0	0.78	4.30	3.63	3.30					6.00
CC-S 13x6	340	169	154	109	6.0	0.84	4.60	3.96	3.60					6.00
CC-S 14x6	365	169	154	109	6.0	0.90	5.05	4.35	3.95					6.00
CC-S 10x7	273	200	180	127	8.0	1.05	5.12	4.36	3.96					5.25
CC-S 11x7	299	200	180	127	8.0	1.10	5.50	4.73	4.30					5.25
CC-S 12x7	324	200	180	127	8.0	1.20	6.18	5.27	4.79					5.25
CC-S 13x7	350	200	180	127	8.0	1.28	6.71	5.72	5.20				5.25	
CC-S 14x7	375	200	180	127	8.0	1.37	7.25	6.18	5.62				5.25	
CC-S 15x7	400	200	180	127	8.0	1.45	7.76	6.63	6.03				5.25	
CC-S 16x7	426	200	180	127	8.0	1.53	8.30	7.08	6.44				5.25	
CC-S 10x8	275	228	210	149	10.0	1.44	6.66	5.71	5.19				4.60	
CC-S 11x8	300	228	210	149	10.0	1.55	7.35	6.30	5.73				4.60	
CC-S 12x8	326	228	210	149	10.0	1.66	8.07	6.92	6.29				4.60	
CC-S 13x8	351	228	210	149	10.0	1.76	8.75	7.51	6.83				4.60	
CC-S 14x8	377	228	210	149	10.0	1.88	9.47	8.14	7.40				4.60	
CC-S 15x8	402	228	210	149	10.0	1.97	10.16	8.73	7.94				4.60	
CC-S 16x8	427	228	210	149	10.0	2.05	10.85	9.33	8.48	To customer			4.60	
CC-S 18x8	479	228	210	149	10.0	2.30	12.28	10.57	9.61	specification			4.60	
CC-S 20x8	529	228	210	149	10.0	2.50	13.65	11.77	10.70				4.60	



EURO BOLT

2



EURO BOLT DIN 15237
with large domed washer

2



EURO BOLT DIN 15237
with small flat washer

2



EURO BOLT DIN 15237
with large flat washer

2



4B REF 70 BOLTS

3



4B LARGE OVAL WASHER

3



4B FANG BOLTS

4



4B EASIFIT BOLTS

4

BOLT ACCESSORIES



5

HAND TOOLS



For EASIFIT Bolts

5

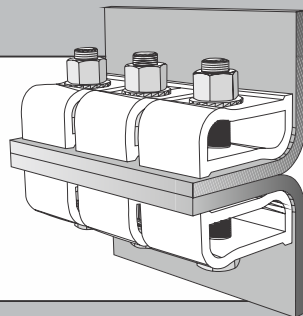
AIR TOOLS



For EASIFIT Bolts

5

ELEVATOR BELT FASTENERS



6

Euro Bolt

DIN 15237 - Steel/Stainless Steel 304

HDP / Nylon / Polyurethane • ISO grade 5.8 (exceeds DIN15237)

- Large bolt head diameter
- Fully threaded
- Available as Zinc plated, self-colour or stainless
- Choice of packings:
 - Bolt, hex nut & domed washer boxed/100
 - Bolt only, bulk packed in bags
- Bolt torque rating dependent on bucket & belt size



For steel buckets with recessed holes use:
Bolt, hexagon nut and large domed washer.



For steel buckets with flat holes use:
Bolt, hexagon nut and small flat washer.



For plastic buckets use:
Bolt, hexagon nut and large flat washer.

Bolt, hex nut, small washer (boxed/100) - Weight Kg/100

BOLT LENGTH (measured overall)											
Ref.	Ø (mm)	(Nm)	20 (mm)	25 (mm)	30 (mm)	35 (mm)	40 (mm)	45 (mm)	50 (mm)	60 (mm)	70 (mm)
M6	21	8	1.34	1.50	1.70	-	-	-	-	-	-
M7	23	13	1.82	1.96	2.02	2.20	-	-	-	-	-
M8	30	20	2.55	2.70	2.90	3.00	3.24	3.48	3.66	-	-
M10	35	36	-	5.22	5.32	5.55	5.72	6.10	6.48	-	-
M12	42	65	-	-	-	-	8.70	-	4.96*	5.14*	5.38*

* Weight Kg/50

Bolts Only (bulk packet) - weight Kg/packet

BOLT LENGTH (measured overall)										Qty
Ref.	20 (mm)	25 (mm)	30 (mm)	35 (mm)	40 (mm)	45 (mm)	50 (mm)	60 (mm)	70 (mm)	
M6	19.4	20.8	21.4	-	-	-	-	-	-	2000
M7	20.1	22	24.2	17.5*	-	-	-	-	-	1500
M8	10.1	11.3	12.3	13	13.7	14.3	14.9	-	-	500
M10	-	18.8	20	21	22.3	23.7	12.6**	-	-	500
M12	-	-	-	15.9	16.7	17.7	18.7	20.8	23.2	250

* Packed in 1000's

** Packed in 250's

	Domed washer	Large Flat Washer	Nylon Insert Lock Nut
Ref.	Kg/100	Kg/100	Kg/100
M6	0.55	0.60	0.32
M7	0.60	-	0.35
M8	0.92	0.60	0.61
M10	1.88	0.72	1.34
M12	2.99	0.85	1.90

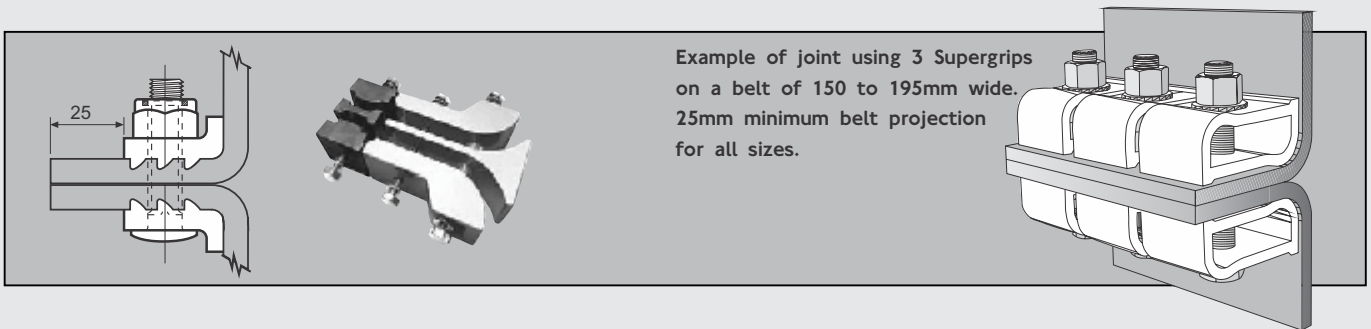
4B GRIPWELL FASTENERS

Light Duty Fasteners

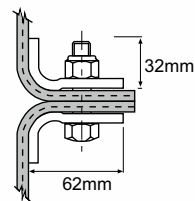
- For elevator belts up to 630 kN/m and up to 7.0mm max. thickness
- Vice grip between serrated jaws
- For longer joints use 2 fasteners of equal length per joint. e.g. 2 x 150mm Gripwell fasteners for a 300mm wide belt

SUPER GRIP SYSTEM

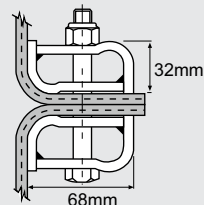
- Easy to fit modular system of 50mm segments
- 4 versions available for belts up to 1250 kN/m without thickness limitation
- Each assembly comprises 2 half joints, high tensile bolt & self-locking nut
- With standard nylon nuts - max temp. 80° C, for temp. 80° C+ specify Philidas nuts
- Available in stainless steel



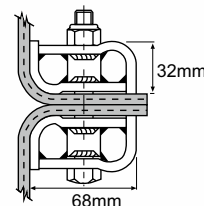
Belt Width		Actual Length	Bolt Holes	Ø	Centres
(in)	(mm)	(mm)	(mm)	(mm)	(mm)
2	50	45	2	8.0	25
2½	65	57	2	8.0	33
3	75	70	2	8.0	43
3½	90	83	3	8.0	2x28
4	100	96	3	8.0	2x33
4½	115	109	3	8.0	2x42
5	125	122	4	8.0	3x32
5½	140	134	4	8.0	3x36
6	150	147	4	8.0	3x40
6½	165	160	5	8.0	4x33
7	175	172	5	8.0	4x36
8	200	198	6	8.0	5x34
9	225	223	6	8.0	5x40
10	250	248	7	8.0	6x37
11	275	273	7	8.0	6x41
12	300	299	8	8.0	7x39



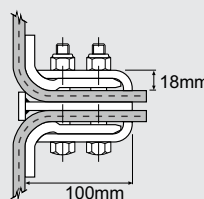
Supergrip No.1
Belt Strength - 500kN/m max.
Weight - 0.5Kgs



Supergrip No.2
Belt Strength - 800kN/m max.
Weight - 0.81Kgs



Supergrip No.3
Belt Strength - 1000kN/m max.
Weight - 0.85Kgs



Supergrip No.4
Belt Strength - 1250kN/m max.
Weight - 1.83Kgs

ELEVATOR BELT - NBA WHITE NITRILE

NBR WHITE NITROLE

NBR, FD, PLY, White Food Quality belts are designed for use in the food industry.

This belt quality has very good oil and fat resistance and meets the requirements for components in contact with food stuffs.

Used widely with rice processing, flour mills, dry milk products, salt, sugar and detergents etc.



Type		EP500	EP630	EP800	EP1000
Number of plies	-	3	3	4	4
Total Tensile Strength	kN/m	500	630	800	1000
Maximum Working Tension (10:1 Safety Factor)	kN/m	50	63	80	100
Top & Bottom Cover Thickness	mm	1.5+1.5	1.5+1.5	2+2	2+2
Belt Thickness	mm	7.1	7.2	10.2	10.4
Weight	kg/m ²	8.4	8.5	12.1	12.3
Minimum Pulley Ø	mm	300	400	400	500

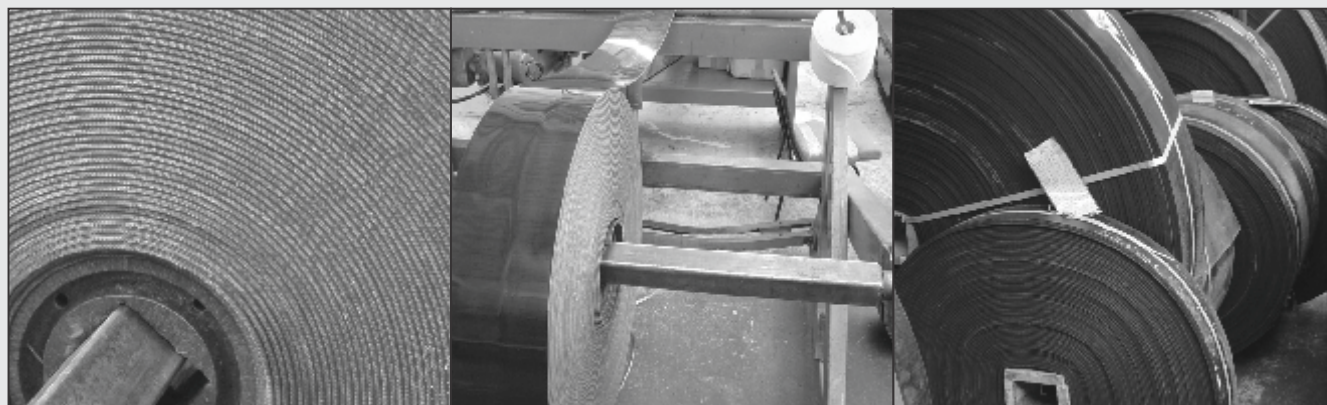
WHITE

FOOD QUALITY BELT

Technical Specifications

Constructed with Polyester/Polymide plies with low elongation characteristics.

- Temperature Range -20°C to +80°C
- Resistant to acids and lyes in low concentration
- Approved FDA USDA section 21-177-2600, DIN 22102 EGA
- E = Anti-static DIN 22104
- G = Fat resistant
- A = Food quality
- Elongation at maximum working load 2.0%

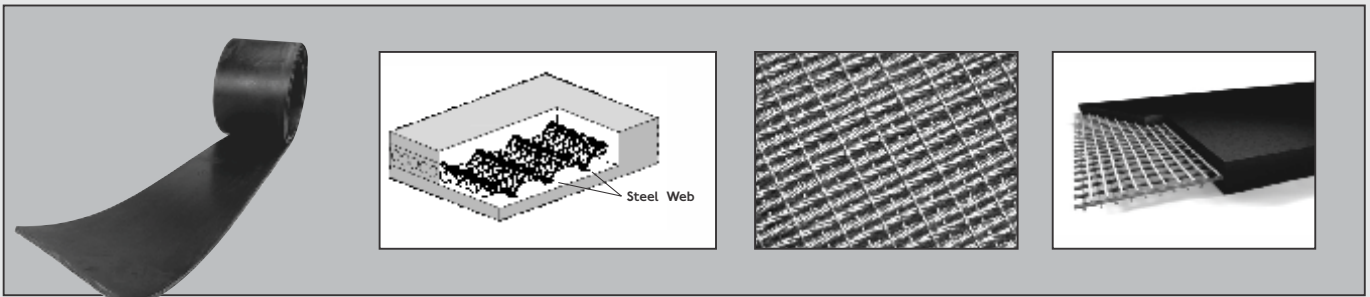


STEEL WEB ELEVATOR BELT

Technical Specifications

For tall, high tonnage industrial elevators. Steel cord keeps belt stretch to a minimum.

- Strength - up to 2,500 kN/m
- Covers 3 + 3 or 4 + 4
- Elongation at maximum working load 0.5%
- Temperature resistant up to 130°C continuous
- Anti static
- Bolt holes to customer specification



Standard range	Covers	Belt thickness	Minimum Pulley Ø	Approx weight
	(mm)	(mm)	(mm)	(kg/m ²)
SW 800	3+3	12.0	500	18.0
SW 100	3+3	12.0	500	18.7
SW 1250	3+3	13.0	630	21.0
SW 1400	4+4	15.0	630	24.5
SW 1600	4+4	15.0	630	25.0
SW 1800	4+4	15.0	630	25.5
SW 2000	4+4	15.0	800	26.0
SW 2500*	5+5	18.0	800	32.5

* On special order

Other types on demand:

Type 1

Highly abrasion resistant with a maximum service temperature of 100°C

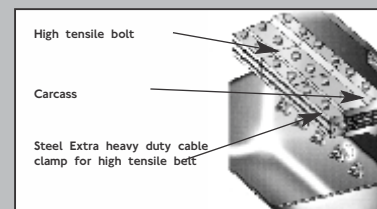
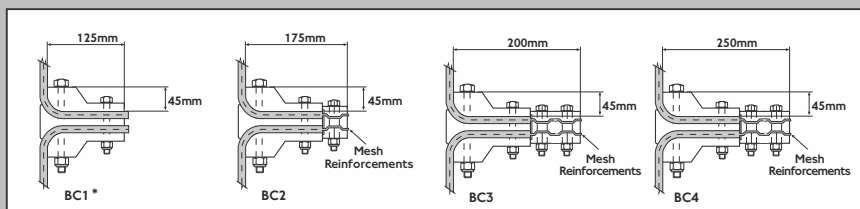
Type 2

Abrasion resistant with a maximum service temperature of 130°C. Continuous short peaks at 150°C

Type 3

Oil and fat resistant, anti static and flame retardant

4B BELT FASTENERS CLAMP FOR STEEL WEB BELTS



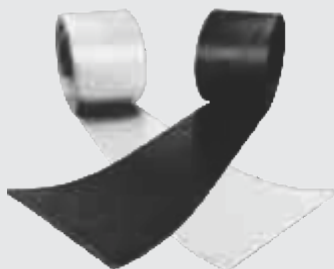
BC1*	BC2	BC3	BC4
1,400kN/m	1,600kN/m	2,000kN/m	2,500kN/m
31.6Kgs/m	56.5Kgs/m	71Kgs/m	96Kgs/m
Bolt/M16	Bolt/M16	Bolt/M16	Bolt/M16

* For textile belts, use only BC1.



NBR LOW STRETCH LAMINATED ELEVATOR BELT

- NBR Nitrile provides good resistance to oil and fat.
- Suitable for products containing oils and fat up to 80°C.



Temperature Range -20°C to +80°C /



LOW STRETCH ELEVATOR BELTING - OIL RESISTANT

Type /		EP500/3 1+1 NBR	EP630/4 1.5+1.5 NBR	EP800/4 2+2 NBR	EP1000/5 2+2 NBR
Strength per ply	kN/m	160	160	200	200
Number of plies	-	3	4	4	5
Total Tensile Strength	kN/m	500	630	800	1000
Maximum Working Tension (10:1 Safety Factor)	kN/m	50	63	80	100
Top & Bottom Cover Thickness	mm	1.0	1.5	2.0	2.0
Belt Thickness	mm	5.0	7.0	8.0	10.0
Weight	kg/m ²	6.5	8.7	9.7	11.3
Minimum Pulley Ø	mm	300	400	400	500
Max. Bucket Projection					
- Light Materials e.g. cereals	mm	180	200	215	250
- Industrial Materials	mm	-	185	185	215

Low Stretch Laminated Elevator Belt

Technical Specifications

Applications: For products containing oils and fats up to 80C

Covers: NBR 100% Nitrile Butadiene
Synthetic Rubber

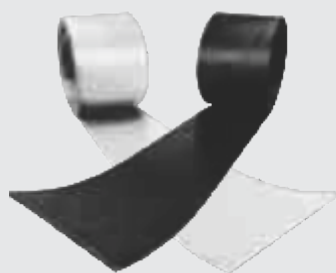
Carcass: Polyester fabric warp and polyamide fabric weft plies (EP)
separated by 0.3mm thick synthetic rubber laminates of
100% Nitrile

Temperature Range: -20C to +80C

Standard: Manufactured to BS 490, DIN 22102 and DIN 22104
standard

MOR LOW STRETCH LAMINATED ELEVATOR BELT

- MOR Nitrile provides medium resistance to oil and fat.
- Suitable for products containing oils and fat up to 75°C.
- EP Fabric Plies
- Medium Oil Resistance covers made of
- Butadiene Acrylic Nitrile Rubber
- Compound

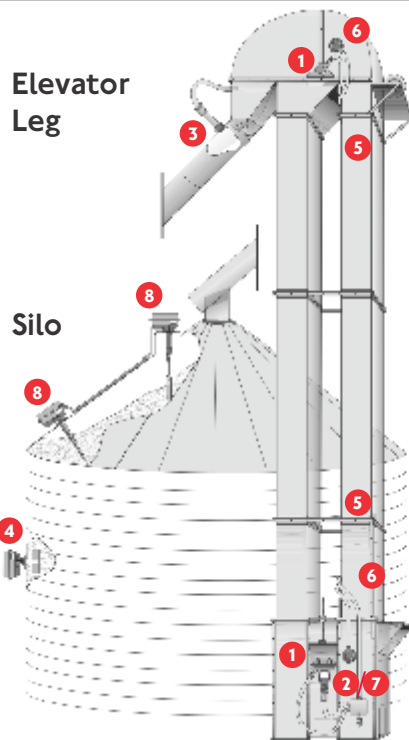


Temperature Range -20°C to +80°C /



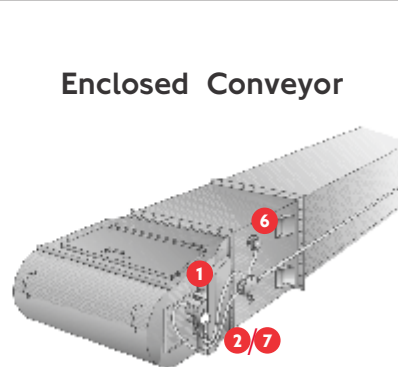
LOW STRETCH ELEVATOR BELTING - MEDIUM OIL RESISTANT

Type /		EP500/4 1+1 MOR	EP630/4 2+2 MOR	EP800/4 2+2 MOR	EP1000/5 2+2 MOR
Strength per ply	kN/m	160	160	200	200
Number of plies	-	3	4	4	5
Total Tensile Strength	kN/m	500	630	800	1000
Maximum Working Tension (10:1 Safety Factor)	kN/m	50	63	80	100
Top & Bottom Cover Thickness	mm	1.0	1.5	2.0	2.0
Belt Thickness	mm	5.0	7.0	8.0	10.0
Weight	kg/m ²	6.5	8.7	9.7	11.3
Minimum Pulley Ø	mm	300	400	400	500
Max. Bucket Projection					
- Light Materials e.g. cereals	mm	180	200	215	250
- Industrial Materials	mm	-	185	185	215

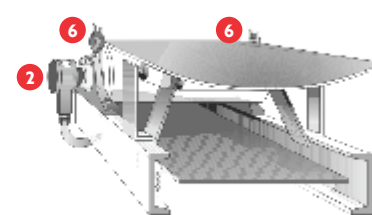


Elevator Leg

Silo



Enclosed Conveyor



Open Conveyor

<p>1 WDB Series: Bearing Temperature</p> <p>The WDB Series is a range of bearing temperature sensors designed to screw directly into an existing grease zerk fitting on a bearing housing. Each sensor is fitted with a grease nipple to allow lubrication of the bearing without the need for removal of the sensor. The WDB Series is available with either a PTC thermistor with various factory set trip points or an NTC thermistor with a user adjustable trip point. Other surface mount and adjustable depth sensors are also available</p>	<p>2 Speed Switches</p> <p>Monitors rotating machinery for dangerous underspeed conditions. An inductive sensing device located in the nose of the enclosure will detect a metal target. Set to the normal machine RPM, 4B Speedswitches provide alarm and shutdown signals underspeed and stopped motion. *Can be used with the Whirligig universal shaft sensor mount</p>	<p>3 Binswitch</p> <p>The Binswitch detects level or plug situations for bulk granular solids or liquids in tanks, bins, or silos and can be used as a plug or choke detector in chutes, conveyors and elevator legs.</p>	<p>4 Roto Level Switch</p> <p>The Roto Level Series are rotary paddle switches designed to detect high and low levels of bulk granular solids in bins, tanks, silos, and as blockage detectors in spouts.</p>
<p>5 WDA Series: Motion Alignment</p> <p>The WDA Series are non-contacting extended range magnetic sensors used to detect ferrous targets (such as bucket bolts or steel buckets) at a distance of up to 100mm from the sensor.</p>	<p>6 Touch Switch</p> <p>The Touchswitch is an electromechanical limit-switch style sensor with no moving parts. It is designed to detect belt tracking and misalignment problems on bucket elevators and conveyors. Unlike a rub block that utilizes friction (heat) to activate, the Touchswitch is pressure sensitive for safer and more reliable monitoring.</p>	<p>7 Inductive Sensors</p> <p>4B inductive proximity sensors are designed to detect shaft speed, shaft position, gate position, or object presence. No contact is made between the sensor and the target being monitored. Sensors will detect a ferrous object at 1/2" and a nonferrous metal object at a distance of 5/16". *Can be used with the Whirligig universal shaft sensor mount</p>	<p>5 Autoset Series</p> <p>The Autoset Series are self-contained point level monitors with digital displays for high, intermediate, or low-level detection of liquids, powders or free-flowing granular solids. The Autoset Series incorporates simple push-button calibration with microprocessor enable/disable switch for total protection of stored values. Once the unit is calibrated for a specific application, it never has to be recalibrated.</p>





BUCKET ELEVATOR QUESTIONNAIRE

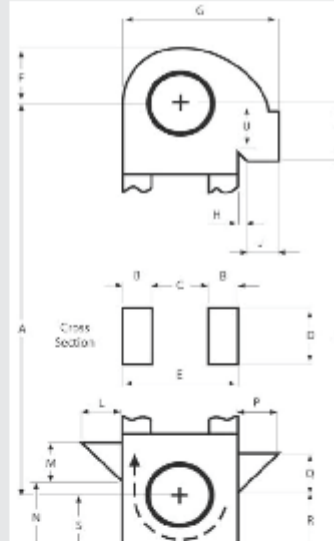
Branch Details	Name: <input style="width: 100%;" type="text"/>	Date: <input style="width: 100%;" type="text"/>
	Branch: <input style="width: 100%;" type="text"/>	Email: <input style="width: 100%;" type="text"/>

Customer details	Customer: <input style="width: 100%;" type="text"/>	Name: <input style="width: 100%;" type="text"/>
	Telephone: <input style="width: 100%;" type="text"/>	Email: <input style="width: 100%;" type="text"/>

BUCKET AND STRUCTURAL INFORMATION



Material Details - Highlighted information must be completed for calculation purposes	Product: <input style="width: 100%;" type="text"/> Oil content: <input style="width: 100%;" type="text"/> Required Capacity: <input style="width: 100%;" type="text"/> ton/hr Bulk Density: <input style="width: 100%;" type="text"/> kg Lump Size: <input style="width: 100%;" type="text"/> mm Material Temperature: <input style="width: 100%;" type="text"/> °C Material Properties: Wet <input type="checkbox"/> Dry <input type="checkbox"/> Sticky <input type="checkbox"/> Abrasiveness: Low <input type="checkbox"/> Med <input type="checkbox"/> High <input type="checkbox"/>	Elevator Bucket Details
		 A <input style="width: 100%;" type="text"/> mm B <input style="width: 100%;" type="text"/> mm C <input style="width: 100%;" type="text"/> mm D <input style="width: 100%;" type="text"/> mm E <input style="width: 100%;" type="text"/> mm F <input style="width: 100%;" type="text"/> mm T <input style="width: 100%;" type="text"/> mm Bucket Mass: <input style="width: 100%;" type="text"/> kg Bucket Volume: <input style="width: 100%;" type="text"/> liters Bucket Material: <input style="width: 100%;" type="text"/> Hole Diameter: <input style="width: 100%;" type="text"/> mm

Elevator Details - Highlighted information must be completed for calculation purposes	Motor KW: <input style="width: 100%;" type="text"/> KW Belt Width: <input style="width: 100%;" type="text"/> mm Belt Thickness: <input style="width: 100%;" type="text"/> mm Cover Thickness: <input style="width: 100%;" type="text"/> mm No. of Plies: <input style="width: 100%;" type="text"/> Belt Class: <input style="width: 100%;" type="text"/> Belt Speed: <input style="width: 100%;" type="text"/> m/s Percentage Fill Rate: <input style="width: 100%;" type="text"/> % Pitch of Buckets: <input style="width: 100%;" type="text"/> mm Bucket configuration: In-line <input type="checkbox"/> Staggered <input type="checkbox"/> Mass of material in each bucket: <input style="width: 100%;" type="text"/> kg N° of Buckets across belt: <input style="width: 100%;" type="text"/>	Hood Designs
		

Pulley Details - Highlighted information must be completed for calculation purposes	Head Diameter: <input style="width: 100%;" type="text"/> mm Face Width: <input style="width: 100%;" type="text"/> mm Shaft Diameter: <input style="width: 100%;" type="text"/> mm Shaft length: <input style="width: 100%;" type="text"/> mm Lagging: Yes <input type="checkbox"/> No <input type="checkbox"/> Type: <input style="width: 100%;" type="text"/> Tail Diameter: <input style="width: 100%;" type="text"/> mm Face Width: <input style="width: 100%;" type="text"/> mm Shaft Diameter: <input style="width: 100%;" type="text"/> mm Shaft length: <input style="width: 100%;" type="text"/> mm Wing / Slatted: <input type="checkbox"/> Solid: <input type="checkbox"/>	Casing Dimensions - Highlighted information must be completed for calculation purposes
		<div style="display: flex;"> <div style="flex: 1;"> A <input style="width: 100%;" type="text"/> mm B <input style="width: 100%;" type="text"/> mm C <input style="width: 100%;" type="text"/> mm D <input style="width: 100%;" type="text"/> mm E <input style="width: 100%;" type="text"/> mm F <input style="width: 100%;" type="text"/> mm G <input style="width: 100%;" type="text"/> mm H <input style="width: 100%;" type="text"/> mm I <input style="width: 100%;" type="text"/> mm J <input style="width: 100%;" type="text"/> mm K <input style="width: 100%;" type="text"/> mm L <input style="width: 100%;" type="text"/> mm M <input style="width: 100%;" type="text"/> mm N <input style="width: 100%;" type="text"/> mm O <input style="width: 100%;" type="text"/> mm P <input style="width: 100%;" type="text"/> mm Q <input style="width: 100%;" type="text"/> mm R <input style="width: 100%;" type="text"/> mm S <input style="width: 100%;" type="text"/> mm T <input style="width: 100%;" type="text"/> mm U <input style="width: 100%;" type="text"/> mm </div> <div style="flex: 1; text-align: center;">  </div> </div>

Hazard Monitoring equipment required:	Bearing Temperature - Head: <input type="checkbox"/> Bearing Temperature - Boot: <input type="checkbox"/> Bearing Temperature - Other: <input type="checkbox"/> Belt Misalignment - Head: <input type="checkbox"/> Belt Misalignment - Boot: <input type="checkbox"/> Belt Misalignment - Other: <input type="checkbox"/> Pulley Misalignment - Head: <input type="checkbox"/> Pulley Misalignment - Boot: <input type="checkbox"/> Plug Condition - Discharge: <input type="checkbox"/> Plug Condition - Intake: <input type="checkbox"/> Speed: <input type="checkbox"/> Other Monitoring Requirement: <input style="width: 100%;" type="text"/> <input style="width: 100%;" type="text"/> <input style="width: 100%;" type="text"/>
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Service Required	Continuous <input type="checkbox"/> Intermittent <input type="checkbox"/>
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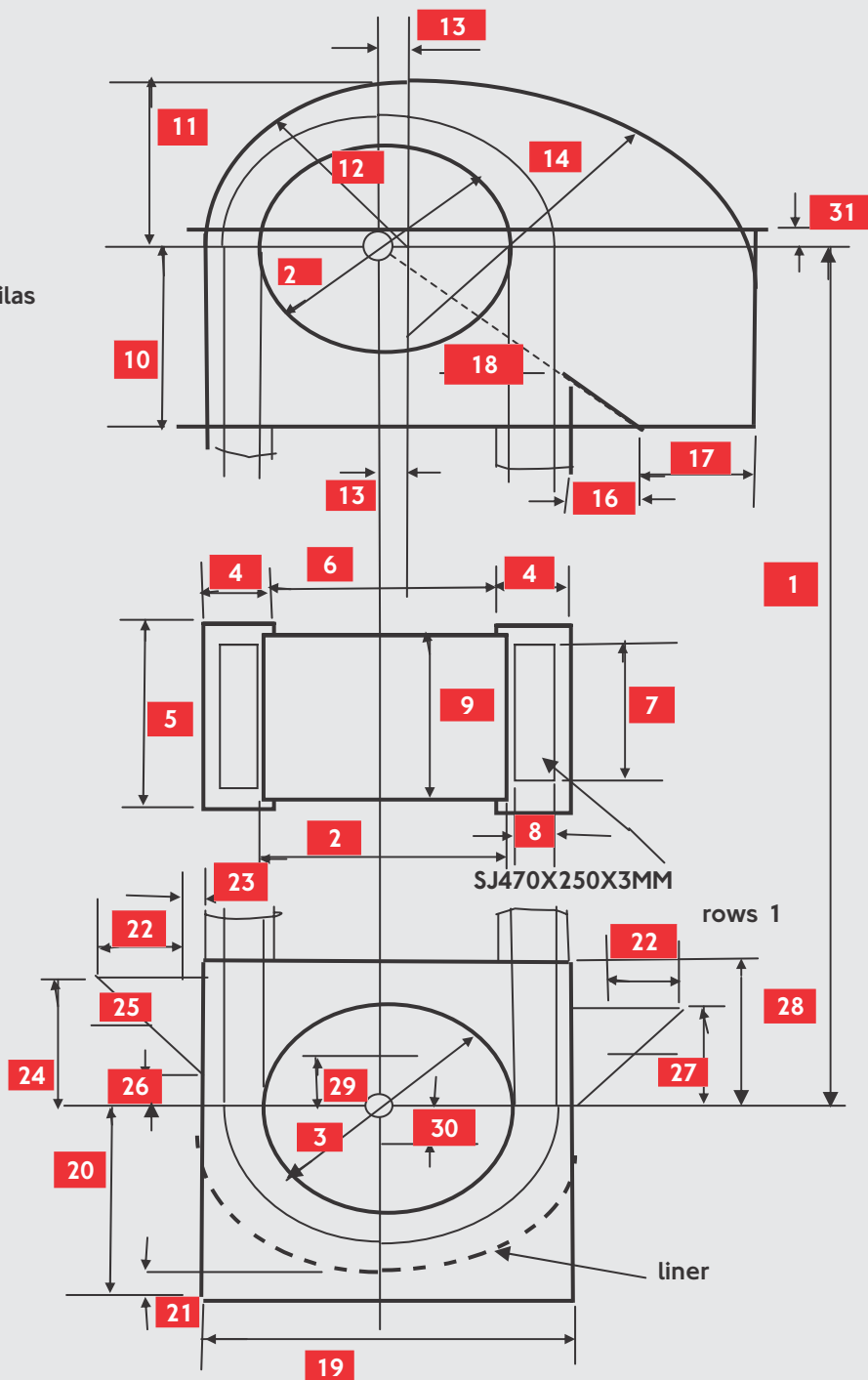
Type of Feed	Scrap: <input type="checkbox"/> Scrap Liner: Yes <input type="checkbox"/> No <input type="checkbox"/> Fly Feed: <input type="checkbox"/> Feed Width: <input style="width: 100%;" type="text"/> mm	 
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Update 05/15

FREE BUCKET ELEVATOR DESIGN

DIMENSIONS

No 1	31 mts
No 2	920 mm
No 3	920 mm
No 4	615 mm
No 5	930 mm
No 6	660 mm
No 7	480 mmxfilas
No 8	260 mm
No 9	900 mm
No 10	1305 mm
No 11	1070 mm
No 12	1070 mm
No 13	125 mm
No 14	1320 mm
No 15	n/a
No 16	150 mm
No 17	350 mm
No 18	50 degs
No 19	1890 mm
No 20	930 mm
No 21	35 mm
No 22	300 mm
No 23	50 mm
No 24	573 mm
No 25	50 degs
No 26	156 mm
No 27	417 mm
No 28	623 mm
No 29	300 mm
No 30	150 mm
No 31	91 mm



Lined area for notes.

BRINGING THE WORLD'S BEST BRANDS TO YOU

In the bid to procure cutting-edge components at competitive prices, BMG is able to capitalise on long-standing relationships with leading manufacturers dedicated to excellence in design and production.

Products are imported from around the globe and brought to BMG's strategically located distribution facilities and regional service centres via the main distribution hub in Johannesburg - BMG World. A world-class facility boasting 308 000m³ of fully stocked warehouse space, an accredited training facility and unlimited engineering capabilities.

Preferred Brands:

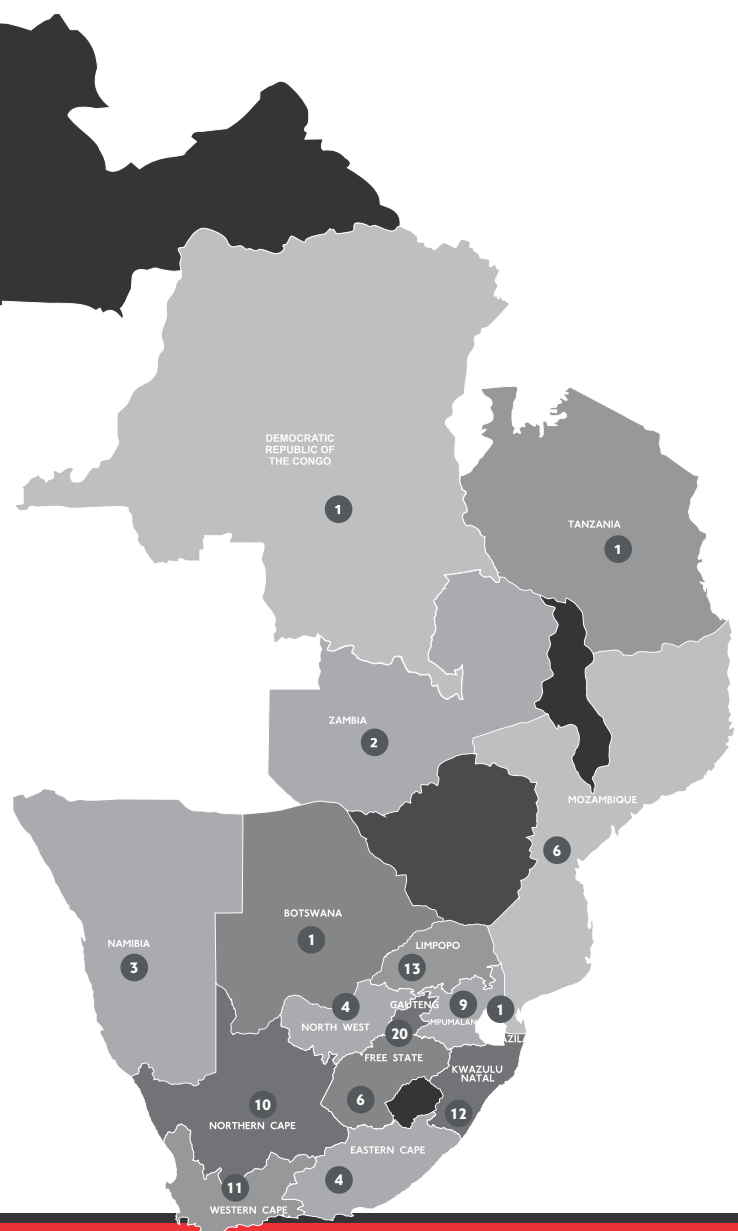


Our Extensive Coverage Throughout Africa

105
BRANCHES

Products and services are distributed via BMG's extensive distribution network. It's through the sheer size and reach of our infrastructure, that BMG can be found wherever industry has established itself; delivering the correct components at the right time, to the far-flung coalface of our customers' operations.

- Over 300 000 product line items
- Around 4 500 transfers per day out of BMG World in Johannesburg
- Over 1 000 tons of imported stock landing per month
- 105 strategically situated branches throughout Africa
- Vendor Managed Inventory sites (dedicated on-site stockholding)
- International exports
- Locally empowered distribution chains



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