



BBM-LD Longitude overbelt magnets

Separation system for recycling industries



Bakker Magnetics

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Datasheet Bakker Magnetics

BBM-LD Overbelt magnets

version 1.1

- Execution : Longitude overbelt magnet type BBM-LD
Sturdy construction
Permanent magnetic
- Surface treatment : Anti-corrosion primer
Painted blue RAL5015, guards yellow RAL1021
- Magnetic part : Permanent ceramic magnets quality BM7
- Motor : SEW motor 400V / 50Hz

Overbelt magnet for longitude situations where the magnet is placed parallel to the conveyor belt.

The transport pole is executed as a so called 'multi pole' which results in field fluctuation which makes the ferrous particles turn. Due to this turning the nonmagnetic parts that got stuck to the ferrous particles will be returned to the nonferrous stream.

Belt of synthetic rubber with vulcanized idlers.

The crowned shape of the drums make the belt path self-adjusting.

Under normal circumstances Bakker Magnetics provides a life-time guarantee on the applied ceramic magnets.

Conform CE label; with certificate.

Bakker Magnetics supplies a complete installation- and user manual in Dutch-, English- or German language (to be specified with order).

On request:

- Control cabinet with thermal overload protector, pushbutton ON / OFF, emergency stop and 2 Signal lights (ON / OFF).
- Correx Bleu; belt equipped with a wear resistant layer of Correx Bleu 45° shore.

Standard version (BBM-LD)

Article number	A	B	C	D	E	F	G (belt)	Motor (kW)	Weight (kg)
LD320.800/1000	320	1000	800	247	2750	1450	890	2,2	2050
LD320.1000/1000	320	1000	1000	247	2750	1650	1090	2,2	1610
LD400.1000/1000	400	1000	1000	350	2905	1790	1090	3,0	3500
LD400.1000/1200	400	1200	1000	350	3105	1790	1090	3,0	3900
LD400.1200/1200	400	1200	1200	350	3105	1990	1290	3,0	4500
LD400.1200/1400	400	1400	1200	350	3305	1990	1290	3,0	4700
LD400.1400/1400	400	1400	1400	350	3305	2190	1490	3,0	4900
LD400.1400/1600	400	1600	1400	350	3505	2190	1490	3,0	5400
LD500.1200/1200	500	1200	1200	410	3400	1990	1340	4,0	5000
LD500.1200/1400	500	1400	1200	410	3600	1990	1340	4,0	5500
LD500.1400/1400	500	1400	1400	410	3600	2190	1540	4,0	5700
LD500.1400/1600	500	1600	1400	410	3800	2190	1540	4,0	5900

The transport pole has a standard length of 800mm and a thickness of 130mm
Sizes and dimensions (in mm) as shown on the drawing on the last page.

For more information or questions please contact us:

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