



BBM Overbelt magnets

Separation system for recycling industries



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Datasheet Bakker Magnetics

BBM Overbelt magnets

version 1.0

- Execution : Overbelt magnet type BBM
Sturdy construction
Permanent magnetic
- Surface treatment : Anti-corrosion primer
Painted blue RAL5017, guards yellow RAL1021
- Magnetic part : Permanent ceramic magnets quality BM7 or
Permanent Neodymium magnets quality BM35
- Motor : SEW motor 400V / 50Hz

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)

Article number	A	B	C	D	E	F	G (belt)	Motor (kW)	Weight (kg)
28.001	135	520	310	130	955	640	420	0,55	153
28.002	135	720	310	130	1155	640	420	0,55	197
28.003	135	920	310	130	1355	640	420	0,55	242
28.101	220	430	505	180	1050	1015	650	1,1	335
28.102	220	530	505	180	1150	1015	650	1,1	375
28.103	220	635	505	180	1250	1015	650	1,1	420
28.104	220	735	505	180	1355	1015	650	1,1	470
28.105	220	835	505	180	1455	1015	650	1,1	515
28.106	220	935	505	180	1555	1015	650	1,1	560
28.107	220	1040	505	180	1655	1015	650	1,1	600
28.108	220	1140	505	180	1755	1015	650	1,1	650
28.109	220	1250	505	180	1860	1015	650	1,1	695
28.110	220	1350	505	180	1960	1015	650	1,1	740
28.111	220	1450	505	180	2060	1015	650	1,1	785



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Standard version (BBM)

Article number	A	B	C	D	E	F	G (belt)	Motor (kW)	Weight (kg)
28.130	220	430	810	180	1050	1225	900	1,5	470
28.131	220	530	810	180	1150	1225	900	1,5	545
28.132	220	635	810	180	1250	1225	900	1,5	620
28.133	220	735	810	180	1355	1225	900	1,5	695
28.134	220	835	810	180	1455	1225	900	1,5	765
28.135	220	935	810	180	1555	1225	900	1,5	840
28.136	220	1040	810	180	1655	1225	900	1,5	915
28.137	220	1140	810	180	1755	1225	900	1,5	990
28.138	220	1250	810	180	1860	1225	900	1,5	1060
28.139	220	1350	810	180	1960	1225	900	1,5	1140
28.140	220	1450	810	180	2060	1225	900	1,5	1210
28.010	320	835	610	247	1705	1125	700	2,2	734
28.011	320	1040	610	247	1910	1125	700	2,2	891
28.012	320	1250	610	247	2120	1125	700	2,2	1048
28.013	320	1450	610	247	2320	1125	700	2,2	1250
28.014	320	1650	610	247	2520	1125	700	2,2	1363
28.020	320	835	810	247	1705	1325	900	2,2	930
28.021	320	1040	810	247	1910	1325	900	2,2	1136
28.022	320	1250	810	247	2120	1325	900	2,2	1342
28.023	320	1450	810	247	2320	1325	900	2,2	1548
28.024	320	1650	810	247	2520	1325	900	2,2	1754
28.030	400	835	810	350	1885	1490	900	2,2	1336
28.031	400	1040	810	350	2090	1490	900	2,2	1622
28.032	400	1250	810	350	2300	1490	900	2,2	1789
28.033	400	1450	810	350	2500	1490	900	2,2	2194
28.034	400	1650	810	350	2700	1490	900	2,2	2481
28.035	400	1850	810	350	2900	1490	900	2,2	2767
28.040	500	835	900	410	2085	1640	1050	3,0	1758
28.041	500	1040	900	410	2290	1640	1050	3,0	2135
28.042	500	1250	900	410	2500	1640	1050	3,0	2512
28.043	500	1450	900	410	2700	1640	1050	3,0	2819
28.044	500	1650	900	410	2900	1640	1050	3,0	3266
28.045	500	1850	900	410	3100	1640	1050	3,0	3642
28.046	500	2050	900	410	3300	1640	1050	3,0	4019
28.047	500	2250	900	410	3500	1640	1050	3,0	4369



Neodymium version (BBM)

Article number	A	B	C	D	E	F	G (belt)	Motor (kW)	Weight (kg)
28.070/01	215	800	483	161,5	1453	1168	745	2,2	660
28.071/01	215	1000	483	161,5	1653	1168	745	2,2	750
28.072/01	215	1200	483	161,5	1853	1168	745	2,2	840
28.073/01	215	1400	483	161,5	2053	1168	745	2,2	930
28.074/01	215	1600	483	161,5	2253	1168	745	2,2	1020
28.075/01	215	800	843	161,5	1453	1528	1105	2,2	915
28.076/01	215	1000	843	161,5	1653	1528	1105	2,2	1065
28.077/01	215	1200	843	161,5	1853	1528	1105	2,2	1215
28.078/01	215	1400	843	161,5	2053	1528	1105	2,2	1365
28.079/01	215	1600	843	161,5	2253	1528	1105	2,2	1515

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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