BMP585
Shipment and Packaging Details

BMP585 - Shipment and Packaging Details

Document revision	1.2
Document release date	Feb 7th 2025, valid from July 2025 onwards
Document number	BST-BMP585-SP000-02
Sales Part Number(s)	0 273 017 038
Notes	Data and descriptions in this document are subject to change without notice. Product photos and pictures are for illustration purposes only and may differ from the real product appearance. The technical details and legal disclaimer of the respective product data sheet apply.

Table of Contents

1 Inner box 3

2 Outer Box 4

2.1 Dimensions 4

2.2 Weights 5

3 Bar Code labeling 5

3.1 Label design and fields 5

3.2 Label example: BMA253 6

4 Reel dimensions 7

5 Document history and modification 8

© Bosch Sensortec GmbH 2025 | All rights reserved, also regarding any disposal, exploitation, reproduction, editing, distribution, as well as in the event of applications for industrial property rights

1 Inner box



Picture 1: P3 box with reel in dry pack (for MSL 3 products)

Table 1: Dimension of inner box



Box	SPN	Width (w)	Length (l)	Height (h)	Level
P3	0 273 017 038	~37cm	~35cm	~5cm	MSL 3

© Bosch Sensortec GmbH 2025 | All rights reserved, also regarding any disposal, exploitation, reproduction, editing, distribution, as well as in the event of applications for industrial property rights

2 Outer Box



2.1 Dimensions

The size of the outer box depends on delivered quantity.

Table 2: Dimension and capacity of outer boxes

Carton Type	Capacity for P3 box	Dimension
Carton 2	Up to 2 inner boxes	42*42*15 cm
Carton 5	Up to 5 inner boxes	42*42*28 cm
Carton 10	Up to 8 inner boxes	42*42*39 cm
Carton 15	Up to 14 inner boxes	42*42*68 cm

© Bosch Sensortec GmbH 2025 | All rights reserved, also regarding any disposal, exploitation, reproduction, editing, distribution, as well as in the event of applications for industrial property rights

2.2 Weights

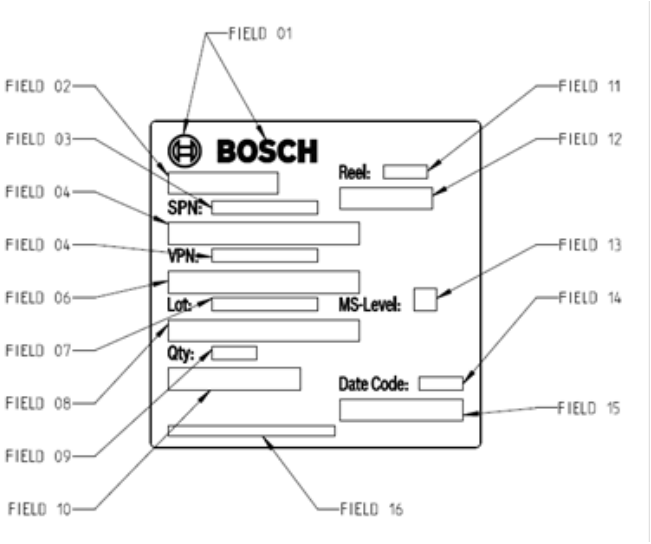
Table 3: Weights P3 box

Weight [kg]* depending on reels in carton:	Carton 2	Carton 5	Carton 10	Carton 15
1 reel	1.7	1.8	1.8	2.6
2 reels	2.6	2.7	2.7	3.5
3 reels	-	3.6	3.6	4.4
4 reels	-	4.5	4.5	5.3
5 reels	-	5.4	5.4	6.2
6 reels	-	-	6.2	7.0
7 reels	-	-	7.1	7.9
8 reels	-	-	8.0	8.8
9 reels	-	-	-	9.7
10 reels	-	-	-	10.6
11 reels	-	-	-	11.5
12 reels	-	-	-	12.4
13 reels	-	-	-	13.3
14 reels	-	-	-	14.2

* Weights may vary slightly depending on product and inner box

3 Bar Code labeling

3.1 Label design and fields



The dimension of the bar code label is approximately 72mm x 73mm (h x w).
Notes:

- The ink on the label is lead-free.
- Heat-pressure method for label is used.
- Bar code label is on reel and the inner box

© Bosch Sensortec GmbH 2025 | All rights reserved, also regarding any disposal, exploitation, reproduction, editing, distribution, as well as in the event of applications for industrial property rights

Table 4: Label fields description

Field	Description	Format
01	Bosch Symbol	Image
02	Part description	Text
03	Sales Part Number (SPN)	Text
04		Barcode
05	Bosch internal number (VPN)	Text
06		Barcode
07	Lot Number	Text
08		Barcode
09	Quantity	Text
10		Barcode
11	Reel number	Text
12		Barcode
13	MS-Level	Text
14	Date Code	Text (yy/ww)
15		Barcode
16	CoO / Made in*	Text

* except for Taiwan: only Made in Taiwan, no CoO

3.2 Label example: BMA253

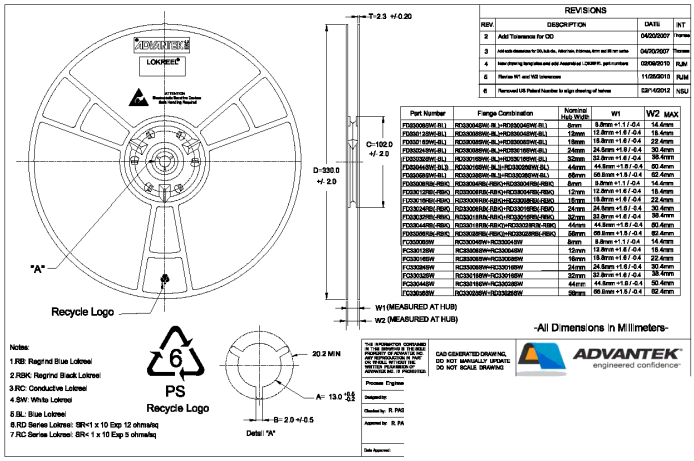


© Bosch Sensortec GmbH 2025 | All rights reserved, also regarding any disposal, exploitation, reproduction, editing, distribution, as well as in the event of applications for industrial property rights

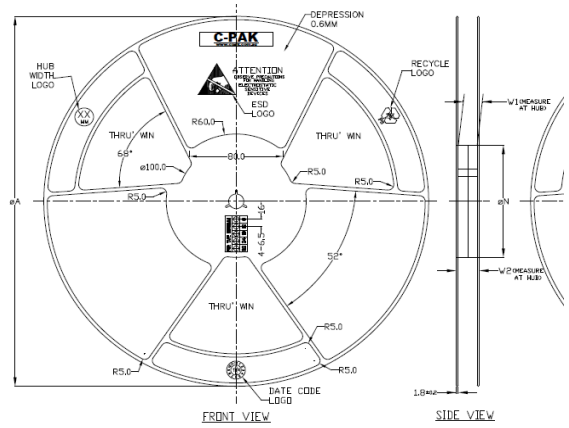
4 Reel dimensions

- The reel size is 13”
- 1 reel contains 4,000 parts

Option 1



Option 2



PRODUCT SPECIFICATIONS				
TAPE WIDTH	A ±0.5	N ±0.5	W1	W2(MAX)
08MM	330	100	8.4 +1.5 -0.0	14.4
12MM	330	100	12.4 +2.0 -0.0	18.4
16MM	330	100	16.4 +2.0 -0.0	22.4
24MM	330	100	24.4 +2.0 -0.0	30.4
32MM	330	100	32.4 +2.0 -0.0	38.4
44MM	330	100	44.4 +2.0 -0.0	50.4

© Bosch Sensortec GmbH 2025 | All rights reserved, also regarding any disposal, exploitation, reproduction, editing, distribution, as well as in the event of applications for industrial property rights

5 Document history and modification

Rev. No	Chapter	Description of modification/changes	Date
1.0	all	Initial release	July 2021
1.1	5	Updated disclaimer and MOQ	May 2022
1.2	All 1 2 -	Minor changes to overall design. New inner box dimensions New capacities and weights Disclaimer removed and a reference added to the note in the first page	February 2025

© Bosch Sensortec GmbH 2025 | All rights reserved, also regarding any disposal, exploitation, reproduction, editing, distribution, as well as in the event of applications for industrial property rights

Bosch Sensortec GmbH
Gerhard-Kindler-Straße 9
72770 Reutlingen / Germany

contact@bosch-sensortec.com
www.bosch-sensortec.com

Modifications reserved
Document number: BST-BMP585-SP000-02