

# bimed EMC Cable Glands - Metric Thread

## Overview

### EMC Cable Glands – Metric Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. Metric EMC glands can accept cable diameters between 0.118 to 2.087 inches (3 to 53mm).

## Features

### Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

### Flammability

- V2 (According to UL 94)

### Protection Class

- IP68 - 5 Bar [72.5 psi]

### Operating Temperature

- Permanent: -20 to +100°C [-4 to +212°F]
- Intermittent: -40 to +150°C [-40 to +302°F]

### Attachment Thread

- DIN 40430

### Body

- Manufactured according to the requirements of EN 50262

## Agency Approvals

### Approvals

- UL Recognized or Listed File # E199260 \*
- CE



**\*Note: To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.**



Cable Glands								
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Tightening Torque		Drawing Link
						Cap to Body	Body to Enclosure (or Locknut to Body)	
						N-m [lb-ft]	N-m [lb-ft]	
<a href="#">BMEM-ES-M12T-WCL</a>	\$22.75	5	M12 x 1.5 mm	3.0 to 6.5 [0.12 to 0.26]	2.0 to 5.0 [0.08 to 0.20]	5 ± 0.5 [3.69 ± 0.4]	5 ± 0.5 [3.69 ± 0.4]	<a href="#">PDF</a>
<a href="#">BMEM-E1-M16T-WCL</a>	\$27.00	5	M16 x 1.5 mm	5.0 to 10.0 [0.20 to 0.40]	3.5 to 8.0 [0.14 to 0.31]	6 ± 0.5 [4.43 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	<a href="#">PDF</a>
<a href="#">BMEM-E2S-M20T-WCL</a>	\$32.25	5	M20 x 1.5 mm	6.0 to 12.0 [0.24 to 0.47]	4.5 to 10.0 [0.18 to 0.39]	6 ± 0.5 [4.43 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	<a href="#">PDF</a>
<a href="#">BMEM-E2-M20T-WCL</a>	\$30.25	5	M20 x 1.5 mm	7.5 to 14.0 [0.30 to 0.55]	5.5 to 11.5 [0.22 to 0.45]	10 ± 0.5 [7.38 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	<a href="#">PDF</a>
<a href="#">BMEM-E3-M25T-WCL</a>	\$54.50	5	M25 x 1.5 mm	10.0 to 18.0 [0.39 to 0.71]	7.0 to 14.0 [0.28 to 0.55]	15 ± 0.5 [11.07 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	<a href="#">PDF</a>
<a href="#">BMEM-E4-M32T-WCL</a>	\$86.50	5	M32 x 1.5 mm	16.0 to 25.0 [0.63 to 0.98]	12.0 to 20.0 [0.47 to 0.79]	22 ± 1.0 [16.24 ± 0.7]	6 ± 0.5 [4.43 ± 0.4]	<a href="#">PDF</a>
<a href="#">BMEM-E5-M40T-WCL</a>	\$67.75	2	M40 x 1.5 mm	22.0 to 32.0 [0.87 to 1.26]	18.0 to 27.0 [0.71 to 1.06]	42 ± 1.0 [31 ± 0.7]	12 ± 0.5 [8.86 ± 0.4]	<a href="#">PDF</a>
<a href="#">BMEM-E6-M50T-WCL</a>	\$97.00	2	M50 x 1.5 mm	30.0 to 38.0 [1.18 to 1.5]	26.0 to 34.0 [1.02 to 1.34]	42 ± 1.0 [31 ± 0.7]	18 ± 0.5 [13.28 ± 0.4]	<a href="#">PDF</a>
<a href="#">BMEM-E7-M63T-WCL</a>	\$112.50	2	M63 x 1.5 mm	34.0 to 44.0 [1.34 to 1.73]	30.0 to 40.0 [1.18 to 1.57]	43 ± 1.0 [31.73 ± 0.7]	25 ± 1.0 [18.45 ± 0.7]	<a href="#">PDF</a>
<a href="#">BMEM-E7L-M63T-WCL</a>	\$153.25	2	M63 x 1.5 mm	37.0 to 53.0 [1.46 to 2.09]	33.0 to 49.0 [1.30 to 1.93]	100 ± 2.0 [73.8 ± 1.5]	25 ± 1.0 [18.45 ± 0.7]	<a href="#">PDF</a>

Note: Hex nut and washer included.

# bimed EMC Cable Glands - PG Thread

## Overview

### EMC Cable Glands – PG Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. PG EMC glands can accept cable diameters between 0.118 to 1.732 inches (3 to 44mm).

## Features

### Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

### Protection Class

- IP68 - 5 Bar (72.5 psi)

### Operating Temperature

- Permanent: -20 to +100°C [-4 to +212°F]
- Intermittent: -40 to +150°C [-40 to +302°F]

### Attachment Thread

- DIN 40430

### Body

- Manufactured according to the requirements of EN 50262

## Agency Approvals

### Approvals

- CE



**\*Note: To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.**



Cable Glands								
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Tightening Torque		Drawing Link
						Cap to Body	Body to Enclosure (or Locknut to Body)	
						N-m [lb-ft]	N-m [lb-ft]	
<a href="#">BSEM-E2-PG9T-WCL</a>	\$38.75	5	PG9	4.0 - 8.0 [0.16 - 0.31]	2.5 - 6.0 [0.1 - 0.24]	6 ± 0.5 [4.43 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	<a href="#">PDF</a>
<a href="#">BSEM-E3-PG11T-WCL</a>	\$40.00	5	PG11	5.0 - 10.0 [0.2 - 0.39]	3.5 - 8.0 [0.14 - 0.31]	6 ± 0.5 [4.43 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	<a href="#">PDF</a>
<a href="#">BSEM-E4-PG13T-WCL</a>	\$41.50	5	PG13.5	6.0 - 12.0 [0.24 - 0.47]	4.5 - 10.0 [0.18 - 0.39]	6 ± 0.5 [4.43 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	<a href="#">PDF</a>
<a href="#">BSEM-E5-PG16T-WCL</a>	\$46.25	5	PG16	7.5 - 14.0 [0.3 - 0.55]	5.5 - 11.5 [0.22 - 0.45]	10 ± 0.5 [7.38 ± 0.37]	6 ± 0.5 [4.43 ± 0.37]	<a href="#">PDF</a>
<a href="#">BSEM-E6-PG21T-WCL</a>	\$60.25	5	PG21	10.0 - 18.0 [0.39 - 0.71]	7.0 - 14.0 [0.28 - 0.55]	15 ± 0.5 [11.07 ± 0.37]	6 ± 0.5 [4.43 ± 0.37]	<a href="#">PDF</a>
<a href="#">BSEM-E7-PG29T-WCL</a>	\$119.25	5	PG29	16.0 - 25.0 [0.63 - 0.98]	12.0 - 20.0 [0.47 - 0.79]	22 ± 0.5 [16.24 ± 0.37]	12 ± 0.5 [8.86 ± 0.37]	<a href="#">PDF</a>
<a href="#">BSEM-E8-PG36T-WCL</a>	\$68.50	2	PG36	22.0 - 32.0 [0.87 - 1.26]	18.0 - 27.0 [0.71 - 1.06]	42 ± 1 [312 ± 0.74]	18 ± 0.5 [13.28 ± 0.37]	<a href="#">PDF</a>
<a href="#">BSEM-E9-PG42T-WCL</a>	\$58.25	1	PG42	30.0 - 38.0 [1.18 - 1.5]	26.0 - 34.0 [1.02 - 1.34]	42 ± 1 [312 ± 0.74]	20 ± 0.5 [14.76 ± 0.37]	<a href="#">PDF</a>
<a href="#">BSEM-E10-PG48T-WCL</a>	\$71.25	1	PG48	34.0 - 44.0 [1.34 - 1.73]	30.0 - 40.0 [1.18 - 1.57]	43 ± 1 [317.3 ± 0.74]	25 ± 1 [18.45 ± 0.74]	<a href="#">PDF</a>

Note: Hex nut and washer included.

# bimed EMC Cable Glands - NPT Thread

## Overview

### EMC Cable Glands – NPT Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. NPT EMC glands can accept cable diameters between 1/4 to 2 inches [3 to 44mm].

## Features

### Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

### Flammability

- V2 (According to UL 94)

### Protection Class

- IP68 - 5 Bar (72.5 psi)

### Operating Temperature

- Permanent: -20 to +100°C [-4 to +212°F]
- Intermittent: -40 to +150°C [-40 to +302°F]

### Attachment Thread

- ANSI B1.20.1

### Body

- Manufactured according to the requirements of EN 50262

## Agency Approvals

### Approvals

- UL Recognized or Listed File # E199260 \*
- CE



**\*Note: To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.**



Cable Glands								
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Tightening Torque		Drawing Link
						Cap to Body	Body to Enclosure (or Locknut to Body)	
						N-m [lb-ft]	N-m [lb-ft]	
<a href="#">BNEM-E1-3-8T-WCL</a>	\$50.00	5	3/8in NPT	5.0 - 10.0 [0.2 - 0.39]	3.5 - 8.0 [0.14 - 0.31]	6 ± 0.5 [4.43 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	<a href="#">PDF</a>
<a href="#">BNEM-E2S-1-2T-WCL</a>	\$53.75	5	1/2in NPT	6.0 - 12.0 [0.24 - 0.47]	4.5 - 10.0 [0.18 - 0.39]	6 ± 0.5 [4.43 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	<a href="#">PDF</a>
<a href="#">BNEM-E2-1-2T-WCL</a>	\$55.00	5	1/2in NPT	7.5 - 14.0 [0.3 - 0.55]	5.5 - 11.5 [0.22 - 0.45]	10 ± 0.5 [7.38 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	<a href="#">PDF</a>
<a href="#">BNEM-E3-3-4T-WCL</a>	\$81.75	5	3/4in NPT	10.0 - 18.0 [0.39 - 0.71]	7.0 - 14.0 [0.28 - 0.55]	15 ± 0.5 [11.07 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	<a href="#">PDF</a>
<a href="#">BNEM-E4-1T-WCL</a>	\$139.75	5	1in NPT	16.0 - 25.0 [0.63 - 0.98]	12.0 - 20.0 [0.47 - 0.79]	22 ± 1 [16.24 ± 0.74]	8 ± 0.5 [5.92 ± 0.37]	<a href="#">PDF</a>
<a href="#">BNEM-E5-11-4T-WCL</a>	\$85.25	2	1-1/4in NPT	22.0 - 32.0 [0.87 - 1.26]	18.0 - 27.0 [0.71 - 1.06]	42 ± 1 [31 ± 0.74]	10 ± 0.5 [7.38 ± 0.37]	<a href="#">PDF</a>
<a href="#">BNEM-E6-11-2T-WCL</a>	\$63.50	1	1-1/2in NPT	30.0 - 38.0 [1.18 - 1.5]	26.0 - 34.0 [1.02 - 1.34]	42 ± 1 [31 ± 0.74]	16 ± 0.5 [11.81 ± 0.37]	<a href="#">PDF</a>
<a href="#">BNEM-E7-2T-WCL</a>	\$84.00	1	2in NPT	34.0 - 44.0 [1.34 - 1.73]	30.0 - 40.0 [1.18 - 1.57]	43 ± 1 [31.73 ± 0.74]	18 ± 0.5 [13.28 ± 0.37]	<a href="#">PDF</a>

Note: Hex nut and washer included.



# Cable Glands: Replacement EMC Hex Nuts

Replacement Hex Nuts for EMC Cable Glands					
Type	Part Number	Price	Qty	Thread Size	Drawing Link
BMEL	<a href="#">BMEL-01</a>	\$2.00	5	M12 x 1.5mm	<a href="#">PDF</a>
	<a href="#">BMEL-02</a>	\$2.50	5	M16 x 1.5mm	<a href="#">PDF</a>
	<a href="#">BMEL-03</a>	\$3.00	5	M20 x 1.5mm	<a href="#">PDF</a>
	<a href="#">BMEL-04</a>	\$3.75	5	M25 x 1.5mm	<a href="#">PDF</a>
	<a href="#">BMEL-05</a>	\$5.50	5	M32 x 1.5mm	<a href="#">PDF</a>
	<a href="#">BMEL-06</a>	\$4.75	2	M40 x 1.5mm	<a href="#">PDF</a>
	<a href="#">BMEL-07</a>	\$10.25	2	M50 x 1.5mm	<a href="#">PDF</a>
	<a href="#">BMEL-08</a>	\$11.00	2	M63 x 1.5mm	<a href="#">PDF</a>
BSEL	<a href="#">BSEL-01</a>	\$2.00	5	PG7	<a href="#">PDF</a>
	<a href="#">BSEL-02</a>	\$2.25	5	PG9	<a href="#">PDF</a>
	<a href="#">BSEL-03</a>	\$2.50	5	PG11	<a href="#">PDF</a>
	<a href="#">BSEL-04</a>	\$2.75	5	PG13.5	<a href="#">PDF</a>
	<a href="#">BSEL-05</a>	\$3.00	5	PG16	<a href="#">PDF</a>
	<a href="#">BSEL-06</a>	\$5.50	5	PG21	<a href="#">PDF</a>
	<a href="#">BSEL-07</a>	\$11.00	5	PG29	<a href="#">PDF</a>
	<a href="#">BSEL-08</a>	\$5.00	2	PG36	<a href="#">PDF</a>
	<a href="#">BSEL-09</a>	\$7.00	2	PG42	<a href="#">PDF</a>
	<a href="#">BSEL-10</a>	\$6.25	2	PG48	<a href="#">PDF</a>
BNEL	<a href="#">BNEL-01S</a>	\$9.25	5	1/4in NPT	<a href="#">PDF</a>
	<a href="#">BNEL-01</a>	\$11.50	5	3/8in NPT	<a href="#">PDF</a>
	<a href="#">BNEL-02</a>	\$11.75	5	1/2in NPT	<a href="#">PDF</a>
	<a href="#">BNEL-03</a>	\$14.25	5	3/4in NPT	<a href="#">PDF</a>
	<a href="#">BNEL-04</a>	\$22.00	5	1in NPT	<a href="#">PDF</a>
	<a href="#">BNEL-05</a>	\$28.75	5	1-1/4in NPT	<a href="#">PDF</a>
	<a href="#">BNEL-06</a>	\$15.25	2	1-1/2in NPT	<a href="#">PDF</a>
	<a href="#">BNEL-07</a>	\$21.25	2	2in NPT	<a href="#">PDF</a>

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