

bimed Hygienic Cable Glands - Standard

Overview

Hygienic Cable Glands - Standard

Hygienic Cable Glands can be used in applications in manufacturing and packaging of food and pharmaceuticals, cleanroom technology, biotechnology, chemical industry. These glands have a smooth finish with no threads exposed which prevents harmful microorganisms from sticking to the surface. The sealing material is in accordance with FDA guideline 21 CFR 177.2600. The design allows for easier, faster, and lower cost cleaning. Standard Hygienic cable glands come in NPT mounting sizes ¼ to ¾ inches or in Metric mounting sizes M12 to M25. These can accept cable sizes ¼ to 0.669 inches [3 to 17mm].



Features

Material

- Body: Stainless Steel 1.4305(AISI 303)
- Cap: Stainless Steel 1.4305(AISI 303)
- Locknut: Stainless Steel 1.4305(AISI 303)
- Seal: EPDM, according to FDA guideline 21 CFR 177.2600

Protection Class

- IP66, IP69, IP68 - 5 Bar [72.5 psi]
- UL TYPE 1, 2, 4, 4X, 12, 12K, 13 according to UL 50E

Operating Temperature

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

Attachment Thread

- Metric EN 60423
- NPT 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									
Thread Type Metric according to EN 60423									
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Allen Wrench Size	Allen Adapter	Tightening Torque		Drawing Link
							Cap to Body	Body to Enclosure (or Locknut to Body)	
							N-m [lb-ft]	N-m [lb-ft]	
BMHG1-0S-L	\$59ey:	1	M12 x 1.5mm	3.0 - 6.5 [0.12 - 0.26]	7	BMFGT-01	2.5 ± 0.5 [1.85 ± 0.37]	2 ± 0.5 [1.48 ± 0.37]	PDF
BMHG1-01-L	\$59ez:		M16 x 1.5mm	5.0 - 10.0 [0.20 - 0.39]	10	BMFGT-02	4 ± 0.5 [2.95 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	PDF
BMHG1-02-L	\$;59e]:		M20 x 1.5mm	6.0 - 12.0 [0.24 - 0.47]	13	BMFGT-03	5 ± 0.5 [3.69 ± 0.37]	2.5 ± 0.5 [1.85 ± 0.37]	PDF
BMHG1-03-L	\$;59e[:		M25 x 1.5mm	12.0 - 17.0 [0.24 - 0.67]	17	BMFGT-04	6 ± 0.5 [4.43 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF

Cable Glands									
Thread Type NPT according to ANSI ASME B1.20.1									
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Allen Wrench Size	Allen Adapter	Tightening Torque		Drawing Link
							Cap to Body	Body to Enclosure (or Locknut to Body)	
							N-m [lb-ft]	N-m [lb-ft]	
BNHG1-0S-L	\$59e_:	1	1/4in NPT	3.0 - 6.5 [0.12 - 0.26]	7	BMFGT-01	2.5 ± 0.5 [1.85 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	PDF
BNHG1-01-L	\$59e#:		3/8in NPT	5.0 - 10.0 [0.20 - 0.39]	10	BMFGT-02	4 ± 0.5 [2.95 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF
BNHG1-02-L	\$;59e!:		1/2in NPT	6.0 - 12.0 [0.24 - 0.47]	13	BMFGT-03	5 ± 0.5 [3.69 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	PDF
BNHG1-03-L	\$59e?:		3/4in NPT	12.0 - 17.0 [0.24 - 0.67]	17	BMFGT-04	6 ± 0.5 [4.43 ± 0.37]	6 ± 0.5 [4.43 ± 0.37]	PDF

bimed Hygienic Cable Glands - EMC

Overview

Hygienic Cable Glands – EMC

EMC Hygienic Cable Glands can be used in applications in manufacturing and packaging of food and pharmaceuticals, cleanroom technology, biotechnology, chemical industry that also requires the shielding for electromagnetic protection. The glands use the same technology and design features as the standard hygienic glands, they have a smooth finish with no threads exposed which prevents harmful microorganisms from sticking to the surface. The sealing material is in accordance with FDA guideline 21 CFR 177.2600. The Design allows for easier, faster, and lower cost cleaning. They also incorporate the same EMC technology as our standard EMC glands. 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. EMC Hygienic cable glands come in Metric mounting sizes M16 to M25 or in NPT mounting sizes 3/8 to 3/4 inches. These can accept cable sizes 0.197 to 0.669 inches [5 to 17mm].



Features

Material

- Body: Stainless Steel 1.4305(AISI 303)
- Cap: Stainless Steel 1.4305(AISI 303)
- Locknut: Stainless Steel 1.4305(AISI 303)
- Contact Spring: Special Copper Alloy
- Seal: EPDM, according to FDA guideline 21 CFR 177.2600

Protection Class

- IP66, IP69, IP68 - 5 Bar [72.5 psi]
- UL TYPE 1, 2, 4, 4X, 12, 12K, 13 according to UL 50E

Operating Temperature

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

Attachment Thread

- EN 60423

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.

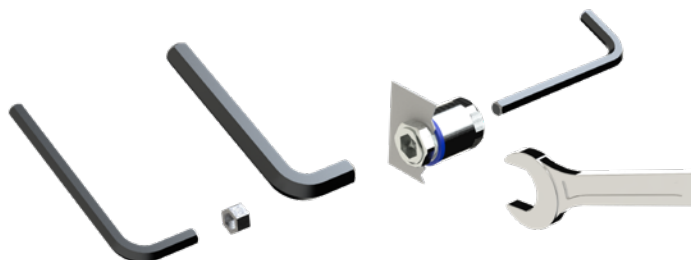
Cable Glands										
Thread Type Metric according to EN 60423										
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Allen Wrench Size	Allen Adapter	Tightening Torque		Drawing Link
								Cap to Body	Body to Enclosure (or Locknut to Body)	
								N-m [lb-ft]	N-m [lb-ft]	
BMEHG1-01-L	\$;59e.:	1	M16 x 1.5mm	5.0-10.0 [0.20 - 0.39]	4.0-9.0 [0.16 - 0.35]	10	BMFGT-02	4 ± 0.5 [2.95 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	PDF
BMEHG1-02-L	\$;59f0:		M20 x 1.5mm	6.0-12.0 [0.24 - 0.47]	5.0-11.0 [0.20 - 0.43]	13	BMFGT-03	5 ± 0.5 [3.69 ± 0.37]	2.5 ± 0.5 [1.85 ± 0.37]	PDF
BMEHG1-03-L	\$;59f1:		M25 x 1.5mm	12.0 - 17.0 [0.24 - 0.67]	10.0-16.0 [0.39 - 0.62]	17	BMFGT-04	6 ± 0.5 [4.43 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF

Cable Glands										
Thread Type NPT according to ANSI ASME B1.20.1										
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Allen Wrench Size	Allen Adapter	Tightening Torque		Drawing Link
								Cap to Body	Body to Enclosure (or Locknut to Body)	
								N-m [lb-ft]	N-m [lb-ft]	
BNEHG1-01-L	\$;59f2:	1	3/8in NPT	5.0-10.0 [0.20 - 0.39]	4.0-9.0 [0.16 - 0.35]	10	BMFGT-02	4 ± 0.5 [2.95 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF
BNEHG1-02-L	\$;59f3:		1/2in NPT	6.0-12.0 [0.24 - 0.47]	5.0-11.0 [0.20 - 0.43]	13	BMFGT-03	5 ± 0.5 [3.69 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	PDF
BNEHG1-03-L	\$;59f4:		3/4in NPT	12.0 - 17.0 [0.24 - 0.67]	10.0-16.0 [0.39 - 0.62]	17	BMFGT-04	6 ± 0.5 [4.43 ± 0.37]	6 ± 0.5 [4.43 ± 0.37]	PDF

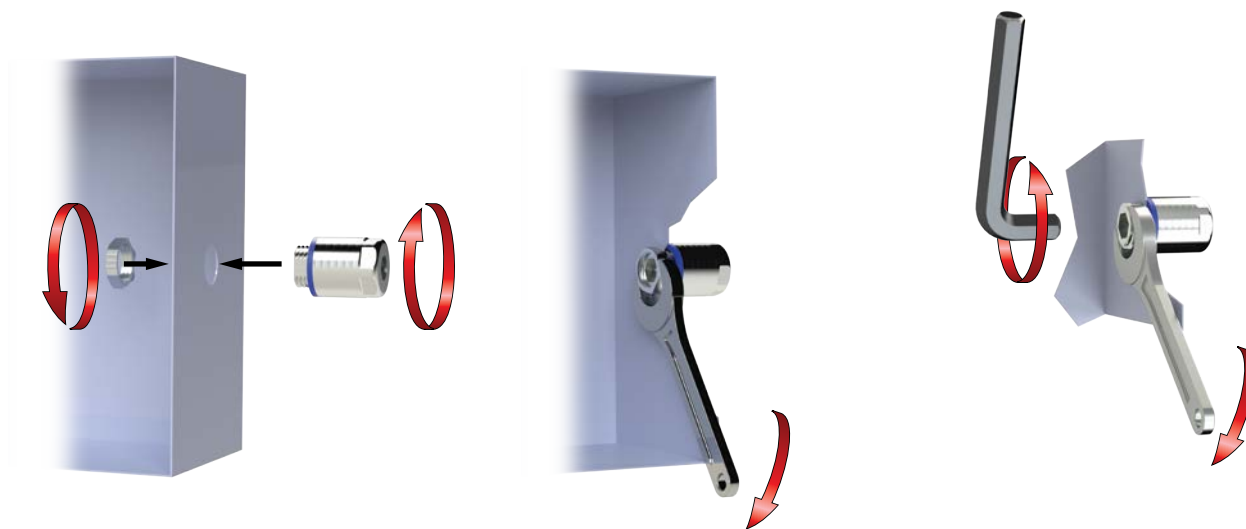
bimed Hygienic Cable Glands Adapters

Hygienic Cable Gland Adapters

Hygienic Cable Gland Adapters allows the use of a smaller Allen wrench to be used when installing the hygienic cable gland.



Hygienic Cable Gland Adapters						
Part Number	Price	Qty	Allen Wrench Size	Allen Size Reduction	For Use With	Drawing Link
<u>BMFGT-01</u>	\$59g7:	1	5	Allen size 7mm to Allen size 5mm	<u>BMHG1-0S-L</u> , <u>BNHG1-0S-L</u>	<u>PDF</u>
<u>BMFGT-02</u>	\$59g8:		6	Allen size 10mm to Allen size 6mm	<u>BMHG1-01-L</u> , <u>BNHG1-01-L</u> , <u>BMEHG1-01-L</u> , <u>BNEHG1-01-L</u>	<u>PDF</u>
<u>BMFGT-03</u>	\$59g9:		8	Allen size 13mm to Allen size 8mm	<u>BMHG1-02-L</u> , <u>BNHG1-02-L</u> , <u>BMEHG1-02-L</u> , <u>BNEHG1-02-L</u>	<u>PDF</u>
<u>BMFGT-04</u>	\$59ga:		10	Allen size 17mm to Allen size 10mm	<u>BMHG1-03-L</u> , <u>BNHG1-03-L</u> , <u>BMEHG1-03-L</u> , <u>BNEHG1-03-L</u>	<u>PDF</u>





Cable Glands: Replacement EMC Hex Nuts

Replacement Hex Nuts for EMC Cable Glands					
Type	Part Number	Price	Qty	Thread Size	Drawing Link
BMEL	<u>BMEL-01</u>	\$59e4:	5	M12 x 1.5mm	<u>PDF</u>
	<u>BMEL-02</u>	\$59e5:	5	M16 x 1.5mm	<u>PDF</u>
	<u>BMEL-03</u>	\$59e6:	5	M20 x 1.5mm	<u>PDF</u>
	<u>BMEL-04</u>	\$59e7:	5	M25 x 1.5mm	<u>PDF</u>
	<u>BMEL-05</u>	\$59e8:	5	M32 x 1.5mm	<u>PDF</u>
	<u>BMEL-06</u>	\$59e9:	2	M40 x 1.5mm	<u>PDF</u>
	<u>BMEL-07</u>	\$59ea:	2	M50 x 1.5mm	<u>PDF</u>
	<u>BMEL-08</u>	\$59eb:	2	M63 x 1.5mm	<u>PDF</u>
BSEL	<u>BSEL-01</u>	\$59ec:	5	PG7	<u>PDF</u>
	<u>BSEL-02</u>	\$59ed:	5	PG9	<u>PDF</u>
	<u>BSEL-03</u>	\$59ee:	5	PG11	<u>PDF</u>
	<u>BSEL-04</u>	\$59ef:	5	PG13.5	<u>PDF</u>
	<u>BSEL-05</u>	\$59eg:	5	PG16	<u>PDF</u>
	<u>BSEL-06</u>	\$59eh:	5	PG21	<u>PDF</u>
	<u>BSEL-07</u>	\$59ei:	5	PG29	<u>PDF</u>
	<u>BSEL-08</u>	\$59ej:	2	PG36	<u>PDF</u>
	<u>BSEL-09</u>	\$59ek:	2	PG42	<u>PDF</u>
	<u>BSEL-10</u>	\$59el:	2	PG48	<u>PDF</u>
BNEL	<u>BNEL-01S</u>	\$59en:	5	1/4in NPT	<u>PDF</u>
	<u>BNEL-01</u>	\$59eo:	5	3/8in NPT	<u>PDF</u>
	<u>BNEL-02</u>	\$59ep:	5	1/2in NPT	<u>PDF</u>
	<u>BNEL-03</u>	\$59eq:	5	3/4in NPT	<u>PDF</u>
	<u>BNEL-04</u>	\$59es:	5	1in NPT	<u>PDF</u>
	<u>BNEL-05</u>	\$59et:	5	1-1/4in NPT	<u>PDF</u>
	<u>BNEL-06</u>	\$59eu:	2	1-1/2in NPT	<u>PDF</u>
	<u>BNEL-07</u>	\$59ev:	2	2in NPT	<u>PDF</u>

CE



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