
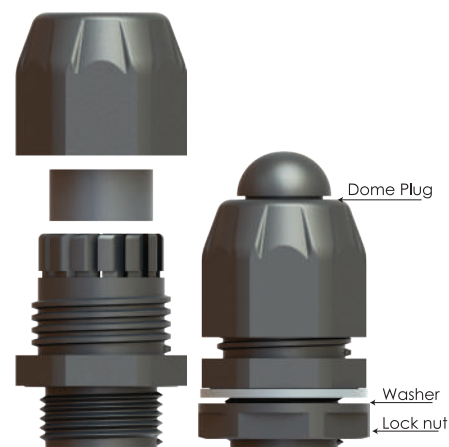


High Impact Polyamide Glands for Ex e Applications

7 joule







VEGA High Impact

Technical Details	
Material	Body, Cap Seal
	PA 6 (Polyamide 6) CR (Chloroprene), Silicone
Ingress Protection Rating	IP 68 - 5 Bar, 30 min IP 66
	Seal Material
Operating Temperature	CR (Chloroprene)
	Silicone
Ex e/tb / Ex tb / Ex-i	-40°C to +70°C
Equipment For	• Gas & Dust potentially explosive atmospheres. • Cable glands should be also used for intrinsically safe circuits Ex-i. These cable glands shall have a light blue colored cap. The symbol "I" will be added beside of the "EHIBM" for order processing.
	Suitable for use in
Equipment Marking	Group II Gas Group IIC ZONE1/ZONE2 Group III Dust Group IIIC ZONE21/ZONE 22
	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db
Marking Example *	BMD EHIBM-X.. CE 0722  2GD Ex eb IIC Gb Ex tb IIIC Db Ta-40°C to +70°C IP66/68 IECEx IMQ 13.0003X IMQ 13 ATEX 010
Impact Test Result	7J
Thread Type	• Metric (M) ISO Pitch 1,5 • Other thread types also available upon request.
Cable Type	Non Armoured
Accessories	• Lock nuts • Gaskets (Washers) • Dome Plugs • Double Seals • Dust Plug
	Remarks
	• We recommend the use of locknuts and gaskets to ensure IP rating for rough surfaces or through holes. • Accessories must be ordered separately.



Option A



Approvals	Certificate Number	Standards
	IMQ 13 ATEX 010X	EN 60079-0:2012 + A11:2013 EN 60079-7:2015 EN 60079-31:2014
	IECEx IMQ 13.0003X	IEC 60079-0:2011 Edition:6.0 IEC 60079-31:2013 Edition:2.0 IEC 60079-7:2016 Edition: 6.0
		ISO 4892-2
	№ TC RU C-TR.AA87.B.00941	ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013
	DNV 12.0051 X	ABNT NBR IEC 60079-0:2013, ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011
	E-14045	IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31 IEC/EN 62444

-For more information see our webpage.
* The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.

Order Coding				
Part Number	Seal	Gasket (Washer)	Lock Nut	Sealing Plug
See table	Mandatory C Chloroprene S Silicone	- Option WC Chloroprene WF Fiber WS Silicone	Option L Lock nut	Option P Dome Plug
*Part number for blue cap is EHBMI-..				
Example				
EHIBM-X2L *EHIBM-X2L	C	- WC	L	P



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High Impact Polyamide Glands for Ex e Applications








Tread Type **METRIC** acc. to ISO 965 - 3

Outer Thread Size (Male)	Clamping Range		Outer Thread Length TL mm	Spanner Width		Outer Ø D mm	max. Height		Part Number
	Ø min - max mm	Seal Type		SW Cap mm	SW Body mm		H mm		
M12x1,5	3,0 - 6,5	Double	10,0	15	15	17,0	30,3	EHIBM-OXS(DS)	
	3,0 - 6,5	Double	15,0	15	15	17,0	30,3	EHIBM-XS(DS)	
	4,0 - 6,5	Single	10,0	15	15	17,0	30,3	EHIBM-OXS	
	4,0 - 6,5	Single	15,0	15	15	17,0	30,3	EHIBM-XS	
M16x1,5	4,0 - 8,0	Double	10,0	19	19	21,3	33,6	EHIBM-SX1(DS)	
	4,0 - 8,0	Double	15,0	19	19	21,3	33,6	EHIBM-SX1L(DS)	
	4,0 - 10,0	Double	10,0	22	22	25,0	37,2	EHIBM-X1(DS)	
	4,0 - 10,0	Double	15,0	22	22	25,0	37,2	EHIBM-X1L(DS)	
	5,0 - 8,0	Single	10,0	19	19	21,3	33,6	EHIBM-SX1	
	5,0 - 8,0	Single	15,0	19	19	21,3	33,6	EHIBM-SX1L	
	6,0 - 10,0	Single	10,0	22	22	25,0	37,2	EHIBM-X1	
	6,0 - 10,0	Single	15,0	22	22	25,0	37,2	EHIBM-X1L	
M20x1,5	4,0 - 10,0	Double	10,0	22	24	27,5	37,2	EHIBM-SX2(DS)	
	4,0 - 13,0	Double	10,0	25	25	27,5	38,4	EHIBM-MX2(DS)	
	6,0 - 10,0	Single	10,0	22	24	27,5	37,2	EHIBM-SX2	
	6,0 - 12,0	Double	10,0	24	24	27,5	37,8	EHIBM-X2(DS)	
	6,0 - 12,0	Double	15,0	24	24	27,5	37,8	EHIBM-X2L(DS)	
	7,0 - 12,0	Single	10,0	24	24	27,5	37,8	EHIBM-X2	
	7,0 - 12,0	Single	15,0	24	24	27,5	37,8	EHIBM-X2L	
	7,0 - 13,0	Single	10,0	25	25	27,5	38,4	EHIBM-MX2	
	8,0 - 14,0	Double	10,0	27	27	31,0	37,0	EHIBM-X3(DS)	
	8,0 - 14,0	Double	15,0	27	27	31,0	37,0	EHIBM-X4(DS)	
	11,0 - 14,0	Single	10,0	27	27	31,0	37,0	EHIBM-X3	
	11,0 - 14,0	Single	15,0	27	27	31,0	37,0	EHIBM-X4	
M25x1,5	8,0 - 14,0	Double	10,0	27	27	31,0	37,8	EHIBM-SX5(DS)	
	8,0 - 14,0	Double	15,0	27	27	31,0	37,8	EHIBM-SX6(DS)	
	9,0 - 17,0	Double	10,0	29	29	32,5	42,2	EHIBM-XEU25(DS)	
	9,0 - 17,0	Double	15,0	29	29	32,5	42,2	EHIBM-XEU25L(DS)	
	10,0 - 18,0	Double	10,0	33	33	37,0	43,6	EHIBM-X5(DS)	
	10,0 - 18,0	Double	15,0	33	33	37,0	43,6	EHIBM-X6(DS)	
	11,0 - 14,0	Single	10,0	27	27	31,0	37,8	EHIBM-SX5	
	11,0 - 14,0	Single	15,0	27	27	31,0	37,8	EHIBM-SX6	
	12,0 - 17,0	Single	10,0	29	29	32,5	42,2	EHIBM-XEU25	
	12,0 - 17,0	Single	15,0	29	29	32,5	42,2	EHIBM-XEU25L	
	14,0 - 18,0	Single	10,0	33	33	37,0	43,6	EHIBM-X5	
	14,0 - 18,0	Single	15,0	33	33	37,0	43,6	EHIBM-X6	
M32x1,5	10,0 - 18,0	Double	10,0	33	36	41,0	43,6	EHIBM-SX7(DS)	
	12,0 - 21,0	Double	10,0	36	36	41,0	47,3	EHIBM-XEU32(DS)	
	12,0 - 21,0	Double	15,0	36	36	41,0	47,3	EHIBM-XEU32L(DS)	
	14,0 - 18,0	Single	10,0	33	36	41,0	43,6	EHIBM-SX7	
	14,0 - 25,0	Double	15,0	42	42	47,5	48,7	EHIBM-X7(DS)	
	16,0 - 21,0	Single	10,0	36	36	41,0	47,3	EHIBM-XEU32	
	16,0 - 21,0	Single	15,0	36	36	41,0	47,3	EHIBM-XEU32L	
	19,0 - 25,0	Single	15,0	42	42	47,5	48,7	EHIBM-X7	
M40x1,5	17,0 - 28,0	Double	10,0	46	46	52,0	52,4	EHIBM-XEU40(DS)	
	17,0 - 28,0	Double	15,0	46	46	52,0	52,4	EHIBM-XEU40L(DS)	
	20,0 - 28,0	Single	10,0	46	46	52,0	52,4	EHIBM-XEU40	
	20,0 - 28,0	Single	15,0	46	46	52,0	52,4	EHIBM-XEU40L	
	21,0 - 32,0	Double	18,0	53	53	60,0	57,9	EHIBM-X8(DS)	
	23,0 - 32,0	Single	18,0	53	53	60,0	57,9	EHIBM-X8	
M50x1,5	22,0 - 38,0	Double	18,0	60	60	67,5	60,1	EHIBM-X9(DS)	
	31,0 - 38,0	Single	18,0	60	60	67,5	60,1	EHIBM-X9	
M63x1,5	28,0 - 44,0	Double	18,0	65	65	72,0	60,4	EHIBM-X10(DS)	
	35,0 - 44,0	Single	18,0	65	65	72,0	60,4	EHIBM-X10	

High Impact Polyamide Glands for Ex e Applications

7 joule

VEGA High Impact

Technical Details		
Material	Body, Cap Seal PA 6 (Polyamide 6) CR (Chloroprene), Silicone	
Ingress Protection Rating	IP 68 - 5 Bar, 30 min IP 66	
Operating Temperature	Seal Material CR (Chloroprene) -40°C to +70°C Silicone -60°C to +70°C	
Equipment For	<ul style="list-style-type: none"> Gas & Dust potentially explosive atmospheres. Cable glands should be also used for intrinsically safe circuits Ex-i. These cable glands shall have a light blue colored cap. The symbol "I" will be added beside of the "EHIBM" for order processing. 	
Suitable for use in	Group II Gas Group IIC ZONE1/ZONE2 Group III Dust Group IIIC ZONE21/ZONE 22	
Equipment Marking	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db	
Marking Example *	BMD EHIBM-X.. CE 0722  2GD Ex eb IIC Gb Ex tb IIIC Db T _a -40°C to +70°C IP66/68 IECEx IMQ 13.0003X IMQ 13 ATEX 010	
Impact Test Result	7J	
Thread Type	<ul style="list-style-type: none"> Metric (M) ISO Pitch 1,5 Other thread types also available upon request. 	
Cable Type	Non Armoured	
Accessories	<ul style="list-style-type: none"> Lock nuts Gaskets (Washers) Dome Plugs Double Seals Dust Plug 	
Remarks	<ul style="list-style-type: none"> We recommend the use of locknuts and gaskets to ensure IP rating for rough surfaces or through holes. Accessories must be ordered separately. 	
Approvals	Certificate Number	Standards
	IMQ 13 ATEX 010X	EN 60079-0:2012 + A11:2013 EN 60079-7:2015 EN 60079-31:2014
	IECEx IMQ 13.0003X	IEC 60079-0:2011 Edition:6.0 IEC 60079-31:2013 Edition:2.0 IEC 60079-7:2016 Edition: 6.0
		ISO 4892-2
	№ TC RU C-TR.AA87.B.00941	ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013
	DNV 12.0051 X	ABNT NBR IEC 60079-0:2013, ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011
	E-14045	IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31 IEC/EN 62444

-For more information see our webpage.

* The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.



Option A



Order Coding				
Part Number	Seal	Gasket (Washer)	Lock Nut	Sealing Plug
See table	Mandatory C Chloroprene S Silicone	- Option WC Chloroprene WF Fiber WS Silicone	Option L Lock nut	Option P Dome Plug
*Part number for blue cap is EHBMI-..				
Example				
EHIBM-X2L	C	- WC	L	P
*EHIBM-X2L				



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High Impact Polyamide Glands for Ex e Applications

Thread Type **NPT** acc. to ANSI B1.20.1

Outer Thread Size (Male)	Clamping Range		Outer Thread Length TL mm	Spanner Width		Outer Ø D mm	max. Height H mm	Part Number
	Ø min-max mm	Seal Type		SW Cap mm	SW Body mm			
NPT 3/8"	4,0 - 10,0	Double	15,0	22	22	25,0	37,2	EHIBN-X1(DS)
	6,0 - 10,0	Single	15,0	22	22	25,0	37,2	EHIBN-X1
NPT 1/2"	4,0 - 10,0	Double	15,0	22	24	27,5	37,2	EHIBN-SX2(DS)
	4,0 - 10,0	Single	15,0	22	24	27,5	37,2	EHIBN-SX2
	6,0 - 12,0	Double	15,0	24	24	27,5	37,8	EHIBN-X2(DS)
	7,0 - 12,0	Single	15,0	24	24	27,5	37,8	EHIBN-X2
	8,0 - 14,0	Double	15,0	27	27	31,0	37,0	EHIBN-LX2(DS)
11,0 - 14,0	Single	15,0	27	27	31,0	37,0	EHIBN-LX2	
NPT 3/4"	10,0 - 18,0	Double	15,0	33	33	37,0	43,6	EHIBN-X3(DS)
	14,0 - 18,0	Single	15,0	33	33	37,0	43,6	EHIBN-X3
NPT 1"	14,0 - 25,0	Double	18,0	42	42	47,5	48,7	EHIBN-X4(DS)
	19,0 - 25,0	Single	18,0	42	42	47,5	48,7	EHIBN-X4