ABB

PMA Automation - BLH - Tube clamp

PMA

CE UK CA

Applications:
- In automation applications for guiding or fixing PMA conduits

Features & Benefits:
- 2-piece tube clamp
- Specially compact construction
- To be used in combination with standard half shells BGN
- Easy installation
- Allows optimum installations in automation applications due to space saving design
- Reduces mechanical stress on the cable harness extending the lifespan of the application

Materials:
- High-grade, specially formulated polyamide 6

Compatible with:
- PMAFLEX Pro Conduits
- PMAFLEX Multilayer Conduits
- PMAFLEX Conduits

Weathering resistance:
- Very good UV resistance and weathering characteristics

Colour:
- Black

Chemical properties:
- Please refer to www.pma.ch
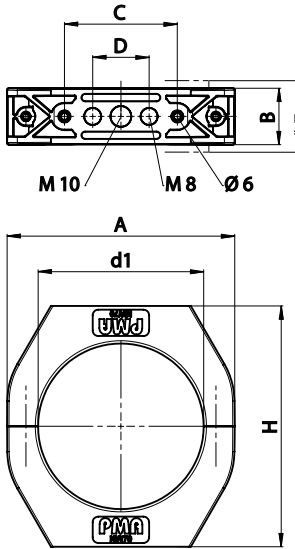 (Technical Information / Chemical Resistance)

Environmental properties:
- Free from halogens and cadmium
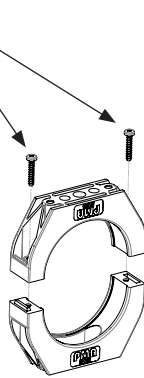- RoHS and REACH compliant

Product selection:

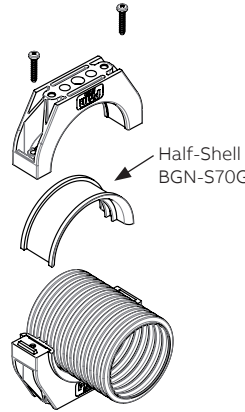| Part no.	Including half-shell	Conduit size	Dimensions in mm (nom.)							Weight	Packing unit
black	metric	NW	d1	A	B	C	D	*E	H	kg/100 pcs	pcs/PU
BLH-R70			88.0	121	30.0	60.0	30.0	-	128	15.9	20
BLH-R70G	BGN-S70G	70	80.6	121	30.0	60.0	30.0	38.0	128	19.9	20
BLH-R56G	BGN-S56G/70	56	66.6	121	30.0	60.0	30.0	38.0	128	22.7	20

* Width dimension over half-shell
Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time
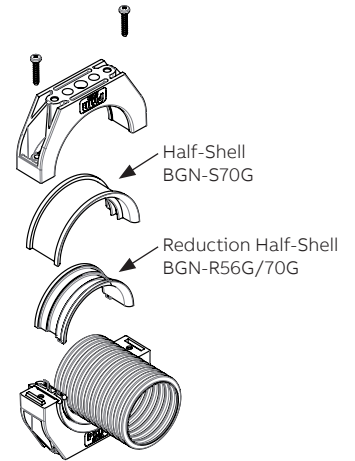

BLH-R70   **BLH-R70G**   **BLH-R56G**

Mechanical Properties:	Value:	Test parameters:	Test method:
Tensile modulus	1'200 ... 3'700 N/mm²		ISO 527
Tensile strength	45 ... 65 N/mm²		ISO 527
Notched bar impact test	4 ... 20 kJ/m²		ISO 180/1C
Vibration and shock standard	Cat. 2		IEC 61373, IEC 60068-2-27 / -64

Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	−50 ... +105°C		PMA DO 9.21-4510
Upper application temperature	+120°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+160°C	(168 h)	PMA DO 9.21-4360

Content of delivery:
• Tube clamp,
• 2 PT-screw, stainless steel
• Straight pin
• For BLH-RxxG half-shells included

Assembly instructions:
• Possible combinations, please see above

Let's write the future. Together. **abb.com**

TDS - BLH - 40501-02