Barrier Cable Glands for All Types of Armoured Cables

CENTAURUS-A



Technical Details				
Material	Body, Cap	Brass, Brass Nickel Plated, Stainless Steel 316L		
	Inner Part	Brass, Brass Nickel Plated, Stainless Steel 316L		
	Seal	Silicone		
	O-ring	Silicone		
Ingress Protection Rating		IP 68 - 5 Bar, 30 min IP 66		
Operating Temperature		**Seal Material** ***Silicone*** -60°C to +60°C		
Service Temperature		**Seal Material** ***Silicone*** -60°C to +100°C		
Equipment For		Gas & Dust potentially explosive atmospheres		
Suitable for use in		Group II Group III	Gas Group IIC Dust Group IIIC	ZONE1/ZONE2 ZONE21/ZONE 22
Equipment Marking		Ex II 2GD - Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db		
Marking Example *		BMD KBCTA.. CE 0722 Ex II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db Ta -60°C to +60°C IP66/68 CESI 17 ATEX 007X IECEx CES 17.0029X		
Thread Type		• Metric (M) ISO Pitch 1,5 • NPT (N) ANSI ASME B1.20.1 • Other thread types also available upon request.		
Cable Type		SWA - SWB - STA - Shielded		
Accessories		• Lock nuts • Gaskets (Washers) • Serrated Washers • Shrouds • Earth tags		
Remarks		• O-ring available in Metric outer threads. • Accessories must be ordered separately.		
Approvals		**Certificate Number**		**Standards**
Ex		CESI 17 ATEX 0007X		EN 60079-0:2012+A11:2013 EN 60079-1:2014 EN 60079-7:2015 EN 60079-31:2014
IECEx		IECEx CES 17.0029X		IEC 60079-0:2011 Edition:6 IEC 60079-1:2014 Edition:7 IEC 60079-31:2013 Edition:2 IEC 60079-7:2015-08 Edition:5
EAC		№ TC RU C-TR.AA87.B.00941		ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013

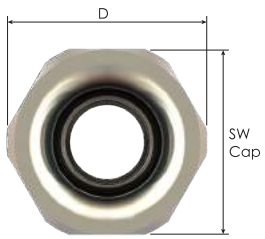
-For more information see our webpage.
*** The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.**

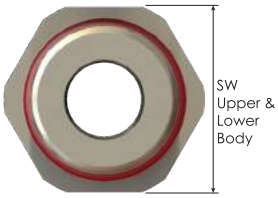


Order Coding								
Part Number	***Material***	***Seal***	**-**	***Gasket (Washer)***	***Serrated Washer***	***Lock Nut***	***Shroud***	***Earth Tag***
Mandatory	Mandatory	Mandatory	-	Option	Option	Option	Option	Option
See table	B Brass BN Brass Nickel plated X Stainless Steel 316L	S Silicone	-	WS Silicone WF Fiber	WSR Serrated washer	L Lock nut	S Shroud	E Earth tag
Example								
KBACTA3M	BN	S	-	WS	WSR	L	S	E

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

Outer Thread Size (Male)	Clamping Range Ø min-max mm	Over Conductors max Ø mm	Armour Wire max Ø mm	Outer Thread Length TL mm	Cap SW Cap mm	Spanner Width Upper Body SW Upper Body mm	Spanner Width Lower Body SW Lower Body mm	Outer Ø D mm	max. Height H mm	Part Number	Needed Barrier Compound Mixture Per Pcs. (g)
M20x1,5	6,0 -13,0	9,5	1,3	16,0	25	25	25	27,0	63,5	**KBCTA1SM**	7
	8,0 - 15,0	9,5	1,3	16,0	25	25	25	27,0	63,5	**KBCTA1M**	7
	13,5 - 21,0	12,0	1,3	16,0	30	30	30	33,0	65,0	**KBCTA1LM**	9
M25x1,5	8,0 - 15,0	9,5	1,3	16,0	25	25	30	33,0	63,5	**KBCTA2SM**	7
	13,5 - 21,0	12,0	1,3	16,0	30	30	30	33,0	65,0	**KBCTA2M**	9
	18,0 - 27,0	15,0	1,6	16,0	40	40	40	44,5	72,5	**KBCTA2LM**	20
M32x1,5	18,0 - 27,0	15,0	1,6	16,0	40	40	40	44,5	72,5	**KBCTA3M**	20
	23,0 - 33,0	21,5	1,6	16,0	43	43	43	47,0	74,5	**KBCTA3LM**	31
M40x1,5	23,0 – 33,0	21,5	1,6	16,0	43	43	45	50,0	74,5	**KBCTA4SM**	31
	29,0 - 40,0	29,0	2,0	16,0	50	50	50	55,5	82,5	**KBCTA4M**	60
M50x1,5	29,0 – 40,0	29,0	2,0	16,0	50	50	55	61,0	82,5	**KBCTA5SM**	60
	35,0 - 48,0	37,0	2,5	16,0	58	58	58	64,0	90,5	**KBCTA5M**	90
M63x1,5	35,0 – 48,0	37,0	2,5	20,0	58	58	68	75,0	90,5	**KBCTA6SM**	90
	42,0 - 56,0	46,0	2,5	20,0	75	75	75	83,0	120,0	**KBCTA6M**	193
M75x1,5	42,0 – 56,0	46,0	2,5	20,0	75	75	80	89,0	120,0	**KBCTA7SM**	193
	54,0 - 70,0	58,0	3,2	20,0	100	100	100	110,5	126,0	**KBCTA7M**	337
M90x1,5	54,0 – 70,0	58,0	3,2	20,0	100	100	100	110,5	126,0	**KBCTA8M**	337

***Barrier compound is served as 50 g standard.**

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

Outer Thread Size (Male)	Clamping Range Ø min-max mm	Over Conductors max Ø mm	Armour Wire max. Ø mm	Outer Thread Length TL mm	Cap SW Cap mm	Spanner Width Upper Body SW Upper Body mm	Spanner Width Lower Body SW Lower Body mm	Outer Ø D mm	max. Height H mm	Part Number	Needed Barrier Compound Mixture Per Pcs. (g)
NPT 1/2	6,0 – 13,0	9,5	1,3	21,0	25	25	25	27,0	63,5	**KBCTA1SN**	7
	8,0 - 15,0	9,5	1,3	21,0	25	25	25	27,0	63,5	**KBCTA1N**	7
	13,5 - 21,0	12,0	1,3	21,0	30	30	30	33,0	65,0	**KBCTA1LN**	9
NPT 3/4"	8,0 - 15,0	9,5	1,3	21,0	25	25	30	33,0	63,5	**KBCTA2SN**	7
	13,5 - 21,0	12,0	1,3	21,0	30	30	30	33,0	65,0	**KBCTA2N**	9
	18,0 - 27,0	15,0	1,6	21,0	40	40	40	44,5	72,5	**KBCTA2LN**	20
NPT 1"	18,0 - 27,0	15,0	1,6	26,0	40	40	40	44,5	72,5	**KBCTA3N**	20
	23,0 - 33,0	21,5	1,6	26,0	43	43	43	47,0	74,5	**KBCTA3LN**	31
NPT 1 1/4"	23,0 - 33,0	21,5	1,6	28,0	43	43	45	50,0	74,5	**KBCTA4SN**	31
	29,0 - 40,0	29,0	2,0	28,0	50	50	50	55,5	82,5	**KBCTA4N**	60
NPT 1 1/2"	29,0 - 40,0	29,0	2,0	28,0	50	50	55	61,0	82,5	**KBCTA5N**	60
NPT 2"	35,0 - 48,0	37,0	2,5	28,0	58	58	65	72,0	90,5	**KBCTA6N**	90
NPT 2 1/2"	42,0 - 56,0	46,0	2,5	41,0	75	75	80	89,0	120,0	**KBCTA7N**	193
NPT 3"	54,0 - 70,0	58,0	3,2	43,0	100	100	100	110,5	126,0	**KBCTA8N**	337

***Barrier compound is served as 50 g standard.**