

4 Function Ex d / e Glands For Armored Cable

Technical details	
Approved by	IMQ
Examination Certificate Number	IMQ 11 ATEX 037
Examination & Test Report Number	43AL00047
Safety Requirements	EN 60079-0:2009 / EN 60079-1:2007 / EN 60079-7:2007 / EN 60079-11:2010/ EN 60079-31:2009/ EN 61241-0 / EN 61241-1
Equipment Marking	Flameproof Ex-d and Increased Safety Ex-e EX I M2/ Ex II 2GD EX d I Mb/Ex e I Mb / EX d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db
Suitable for use in	Equipment ZONE1, ZONE2, ZONE21, ZONE22, Gas Groups IIA, IIB, IIC
For	Gas & Dust potentially explosive atmospheres
Degree Of Protection	IP66-IP68 (EN 60529)
Marking	BMD KBA.. CE0722 II 2GD Exd IIC GB / Exe IIC Gb Ta-30°C +120°C Ex tb IIIC Db IP66/68 IMQ 11 ATEX 037
Temperature Classes	-30°C / +120°C with NBR Sealing Ring -40°C / +100°C with NEOPRENE Sealing Ring -60°C / +180°C with SILICONE Sealing Ring
Material (Δ)	B – Brass X – Stainless Steel



Type Cable Glands	M		Cable Glands Dimensions						Sealing Ring Dimensions Ø	
	ANSI ASME B1.20.1	ISO Pitch 1,5	H min	L min	CH1	CH2	CH3	D2 min	D min-max	D1 min-max
KBA	01SN (3/8")	01SM (16)	47	16	22	26	26	29,0	3,0-8,5	6,0-12,0
KBA	01N (3/8")	01M (16)	48	16	25	29	29	31,5	6,0-12,0	8,5-16,0
KBA	1SN (1/2")	1SM (20)	47	16	24	26	26	29,0	3,0-8,5	6,0-12,0
KBA	1N (1/2")	1M (20)	47	16	25	29	29	31,5	6,0-12,0	8,5-16,0
KBA	1LN (1/2")	1LM(20)	50	16	28	30	32	35,0	8,5-14,5	12,0-20,0
KBA	2SN (3/4")	2SM (25)	48	16	29	29	29	31,5	6,0-12,0	8,5-16,0
KBA	2N (3/4")	2M(25)	53	18	32	34	34	37,0	8,5-16,0	12,0-21,0
KBA	2LN (3/4")	2LM (25)	60	16	36	40	40	44,0	12,0-20,0	16,0-26,0
KBA	3SN (1")	3SM (32)	62	21	40	40	40	44,0	12,0-20,0	16,0-26,0
KBA	3N (1")	3M (32)	78	21	48	52	52	57,0	15,0-26,0	20,0-33,0
KBA	4SN (1 1/4")	4SM (40)	78	21	48	52	52	57,0	15,0-26,0	20,0-33,0
KBA	4N (1 1/4")	4M (40)	89	21	55	60	60	66,0	20,0-32,0	29,0-41,0
KBA	5SN (1 1/2")	5SM (50)	97	21	60	70	74	82,0	22,0-35,0	36,0-52,0
KBA	5N (1 1/2")	5M (50)	100	21	70	70	70	83,0	27,0-41,0	33,0-48,0
KBA	6SN (2")	6SM (63)	106	21	75	80	80	89,5	35,0-45,0	43,0-57,0
KBA	6N(2")	6M(63)	107	20	85	85	85	94,0	40,0-52,0	47,0-60,0
KBA	7SN(2 1/2")	7SM(75)	107	20	85	85	85	94,0	40,0-52,0	47,0-60,0

Item	Item Description
1	Lower Body
2	Lower sealing ring
3	O-Ring
4	Grounding cone
5	Swivel braid retainer
6	Middle body
7	Upper sealing ring
8	Pressure cap

