

DCA - DOUBLE COMPRESSION CABLE GLAND
FOR ARMoured CABLE

DCA



Ex db I Mb

Ex db IIC Gb

Ex eb I Mb

Ex eb IIC Gb

Ex ta IIIC Da

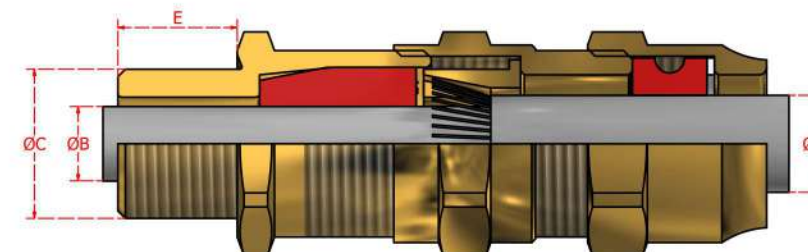
- For all types of Armoured & Braided Cables
- For Armoured Cable
- Double Compression Standard
- Explosion Proof
- Ex db/Ex eb/Ex ta

TECHNICAL INFORMATION

ATEX Certificate	ETL25ATEX XXXXX
IECEX Certificate	IECEX ITS25.XXXXX
Code of Protection	Ex I M2, II 2G/1D, Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
Equipment Protection Level (EPL)	Zone 1-2 : Mb Mines - Gb, Gc gas, Zone 20-21-22
Compliance Standards	EN IEC 60079-0, EN/IEC 60069-1, EN IEC 60079-7, EN/IEC 60079-31
Ambient Service Temperature	-60°C to +160°C
Degree of Protection (IP)	IP66, IP67, IP68
Available Material	OT-Brass ON-Nickel Plated Brass X1-Stainless Steel 304 X2-Stainless Steel 316L X3-Stainless Steel 316
Available Entry Thread Size	ISO Metric - M16 to M130 NPT : 3/8" to 5" ET(BSC) : 5/8" to 4-1/2" BSPP : G 3/8" to G 4" BSPT : G 3/8" to G 4" PG : Pg 9 to Pg 48
Kit Options	BK - Basic Kit (Glands Only) FK - Includes, PVC Shroud, Lock Nut, Serrated Washer, IP Washer, Earth Tag

DCA - DOUBLE COMPRESSION CABLE GLAND
FOR ARMoured CABLE

Technical Illustration



4 Material	5 Kit Options
OT - Brass	BK-Basic Kit
ON - Nickel Plated Brass	Basic Kit Includes Glands
X1 - Stainless Steel 304	FK-Full Kit
X2 - Stainless Steel 316L	1. Serrated Washer
X3 - Stainless Steel 316	2. Earth Tag
	3. PVC Shroud
	4. Locknut
	5. 'O' Ring
	6. Entry Thread Seal

Product Selection Table

*All Dimensions are in mm

1 Gland Type	2 Gland Size	Cable Clamping Range - Outer Sheath (A)	Cable Clamping Range Under armor (B)	3 Available Entry Thread "C"														Across Flats "D"	Across Corners "D"
				Standard Entry Threads						Optional Entry Threads (Ex eb only)									
				Metric	(3)	Thread Length (M) 'E'	NPT	(3)	Thread Length (NPT) 'E'	BSPP ISO 228-1 (3)	BSPT ISO 7-1 (3)	ET (BSC) ISO 13131:2011 (3)	PG (3)	Max	Max				
DCA#	16	5 - 13	2 - 8	M16	0M	16.0	3/8"	0N	16.0	G 3/8"	0BP	G 3/8"	0BT	5/8"	1E	PG 9	P 9	24.0	27.0
DCA#	20	6 - 18	4 - 12	M20	1M	16.0	1/2"	1N	18.0	G 1/2"	1BP	G 1/2"	1BT	3/4"	2E	PG 11 PG 13.5	P 11 P 13	27.0	30.0
DCA#	20L	9 - 19	5 - 14	M20	1M	16.0	1/2"	1N	18.0	G 1/2"	1BP	G 1/2"	1BT	3/4"	2E	PG16	P16	30.0	33.0
DCA#	25	13 - 23	9 - 17	M25	2M	16.0	3/4"	2N	18.0	G 3/4"	2BP	G 3/4"	2BT	1"	3E	PG21	P21	33.0	37.0
DCA#	32	18 - 30	14 - 23	M32	3M	16.0	1"	3N	22.0	G 1"	3BP	G 1"	3BT	1-1/4"	4E	PG29	P29	44.0	50.0
DCA#	40	24 - 35	20 - 29	M40	4M	18.0	1 1/4"	4N	22.0	G 1-1/4"	4BP	G 1-1/4"	4BT	1-1/2"	5E	PG36	P36	48.0	54.0
DCA#	50	26 - 43	20 - 35	M50	5M	18.0	1 1/2"	5N	22.0	G 1-1/2"	5BP	G 1-1/2"	5BT	2"	6E	PG42	P42	58.0	65.0
DCA#	63	42 - 52	35 - 45	M63	6M	18.0	2"	6N	22.0	G 2"	6BP	G 2"	6BT	2-1/2"	7E	PG48	P48	68.0	76.0
DCA#	75	52 - 65	45 - 56	M75	7M	22.0	2-1/2"	7N	28.0	G 2-1/2"	7BP	G 2-1/2"	7BT	3"	8E			82.0	90.0
DCA#	75L	65 - 78	56 - 68	M75	7M	22.0	3"	8N	28.0	G 2-1/2"	7BP	G 2-1/2"	7BT	3"	8E			100.0	110.0
DCA#	85	65 - 78	56 - 68	M85	8M	22.0	3"	8N	28.0	G 3"	8BP	G 3"	8BT	3-1/4"	9E			100.0	110.0
DCA#	90	71 - 84	62 - 74	M90	9M	22.0	3-1/2"	9N	28.0	G 3"	8BP	G 3"	8BT	3-1/2"	9E			110.0	120.0
DCA#	100	78 - 102	68 - 90	M100	10M	24.0	3-1/2"	9N	28.0	G 3-1/2"	9BP	G 3-1/2"	9BT	4"	10E			130.0	140.0
DCA#	110	78 - 102	68 - 90	M110	11M	24.0	4"	10N	28.0	G 4"	10BP	G 4"	10BT	4-1/2"	11E			138.0	148.0
DCA#	115	96 - 110	84 - 98	M115	15M	24.0	4"	10N	28.0	G 4"	10BP	G 4"	10BT					138.0	148.0
DCA#	120	96 - 110	84 - 98	M120	20M	24.0	4"	10N	28.0									154.0	164.0
DCA#	130	106 - 125	94 - 114	M130	30M	24.0	5"	11N	28.0									154.0	164.0

How to Order ?

1 Gland Type	2 Gland Size	3 Entry Thread	4 Material	5 Kit Options	Item Code	Item Description
DCA#	20L	1M	ON	BK	DCA#20L.1M.ON.BK	DCA Gland in Size 20L-Entry Thread M20x1.5 in Nickel Plated Brass with No Accessories
DCA#	20L	1N	OT	FK	DCA#20L.1N.OT.FK	DCA Gland in Size 20L-Entry Thread 1/2"NPT in Brass with Full Kit of Accessories
DCA#	25	3E	X1	BK	DCA#25.3E.X1.BK	DCA Gland in Size 25-Entry Thread 1" ET in Stainless Steel 304 with No Accessories
DCA#	25	P21	X2	BK	DCA#25.P21.X2.BK	DCA Gland in Size 25-Entry Thread PG 21 in Stainless Steel 316L with No Accessories
DCA#	32	3BT	X3	BK	DCA#32.3BT.X3.BK	DCA Gland in Size 32-Entry Thread BSPT G 1" in Stainless Steel 316 with No Accessories