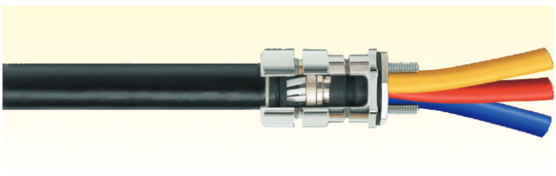
COMET Flameproof Type Double Compression Cable Gland Suitable For Armoured Cables For Gas Group IIC



Application :

For use under hazardous climatic conditions & generally for armored cables & outdoor use. These are weatherproof & may be used in the corrosive conditions when protected by a shroud.

Technical Data

Materials & Finishes :

M. O. C :
a. Cable Gland is manufactured in Brass (standard).
b. Alternative material - Stainless Steel / Aluminium.

Sealing Ring : Neoprene Rubber

Thread :
a. Glands are supplied with B.S.C. thread (ET) as standard.
b. Alternative thread forms available are - NPT / PG / BSP / MM etc.

Finish :
a. Nickel Plated (standard)
b. Alternative Plating - Tin / Cadmium / Chrome

Protection Class: IP 66 as per IEC 60529:1999

Ref. Standard : IEC 60079-1:2007,
IEC 60079-0:2004

Approval

COMET flameproof glands are approved by Central Mining Research Institute, Dhanbad. (Approved by CIMFR, BIS,PESO/CCOE-NAGPUR)

Specification :

Gland consist of lock nut 1, washer 2, armour clamping nut 3, neoprene inner ring 4, armour clamping cone 5, armour clamping ring 6, gland body 7, neoprene outer ring 8,skid washer 9 & outer seal nut 10. All metal parts are made of brass accurately machined for ease of assembly.

Accessories

Shrouds and Earth tags are supplied separately and should be specified when ordering the gland.

Fitting sequence

1) Pass item 10,9,8,7 respectively over cable before commencing to strip oversheath.
2) Remove the oversheath and pass item 6 over exposed armour.
3) Cut armour to length, lift wire ends, pass item 5 over exposed bedding, and beneath armour.
4) Pass item 4.
5) Pass cable end through item 3.
6) Engage item 7 and 3 and tighten up.
7) Engage item 10 and 7 and tighten up.
8) Screw item 3, 2 into apparatus (secure with item 1 if plain hole entry.)

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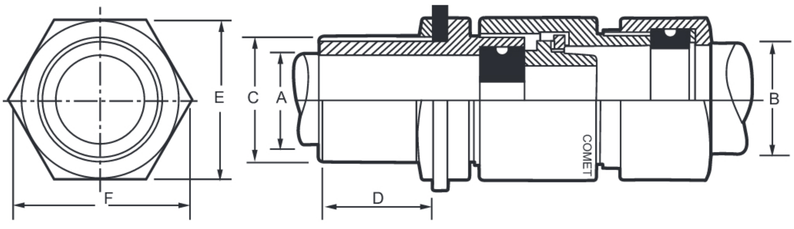

Cable Dimensions				Gland Dimensions				
CBFIIC SERIES	A (Under armour Dia) mm	B (Over all Dia) mm	Armour diameter	Entry Thread C (ET)	Entry Thread C (MM)	D (Length) mm	E (Across Flat) mm	F (Across Corner) mm
CBFIIC01SS	8.0	13.0	0.8/1.4	3/4"	M20	25.0	21.5	24.5
CBFIIC01S	11.0	16.5	0.8/1.4	3/4"	M20	25.0	25.0	29.0
CBFIIC01	12.0	18.0	0.8/1.4	3/4"	M20	25.0	28.0	32.0
CBFIIC01A	12.0	18.0	0.8/1.4	1"	M25	25.0	28.0	32.0
CBFIIC02	14.0	20.0	0.8/1.4	1"	M25	25.0	31.5	36.5
CBFIIC02A	14.0	20.0	0.8/1.4	3/4"	M20	25.0	31.5	36.5
CBFIIC03	17.0	23.0	0.8/1.4	1"	M25	25.0	32.0	37.0
CBFIIC04	20.0	26.0	0.8/1.4	1"	M25	25.0	38.0	44.0
CBFIIC04A	20.0	26.0	0.8/1.4	1.1/4"	M32	25.0	38.0	44.0
CBFIIC05	24.0	30.0	0.8/1.4	1.1/4"	M32	25.0	41.0	47.0
CBFIIC05A	24.0	30.0	0.8/1.4	1.1/2"	M40	25.0	41.0	47.0
CBFIIC06	27.0	33.0	0.8/1.4	1.1/2"	M40	25.0	47.0	54.0
CBFIIC06A	27.0	33.0	0.8/1.4	1.1/4"	M32	25.0	47.0	54.0
CBFIIC07	30.0	37.0	0.8/1.4	1.1/2"	M40	25.0	52.0	58.0
CBFIIC08	35.0	41.0	0.8/1.4	2"	M50	25.0	56.0	64.0
CBFIIC09	40.0	46.0	0.8/1.4	2"	M50	25.0	59.0	67.0
CBFIIC010	46.0	52.0	0.8/1.4	2"	M50	25.0	66.5	77.0
CBFIIC010A	46.0	52.0	0.8/1.4	2.1/2"	M63	25.0	66.5	77.0
CBFIIC011S	50.0	56.0	0.8/1.4	2.1/2"	M63	25.0	74.0	85.0
CBFIIC011	54.0	60.0	0.8/1.4	2.1/2"	M63	25.0	80.0	92.0
CBFIIC012	60.0	66.0	0.8/1.4	3"	M75	25.0	85.0	97.0
CBFIIC013A	66.0	72.0	0.8/1.4	3"	M75	25.0	90.0	103.0
CBFIIC013	72.0	78.0	0.8/1.4	3.1/4"	M82	25.0	99.0	113.0
CBFIIC014	78.0	84.0	0.8/1.4	3.1/2"	M90	25.0	105.0	122.0
CBFIIC015	88.0	94.0	0.8/1.4	4"	M100	25.0	117.0	135.0
CBFIIC016	98.0	105.0	0.8/1.4	4.1/2"	M110	25.0	130.0	149.0