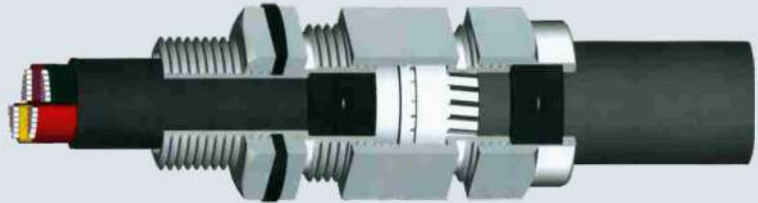


HEX FLAME PROOF-CUM-WEATHER PROOF DOUBLE COMPRESSION TYPE CABLE GLANDS (GAS GROUP IIA, IIB ZONE 1 & 2 ATMOSPHERE)

TECHNICAL DATA :

Material	: Brass as per IS 319 Also available in Al./S.S./M.S.
Plating	: Nickel Standard Chrome on request
Entry Threads	: Metric Standard Also available in BSC/PG/NPT/BSP/ET
Sealing Rubber Ring	: Neoprene
Gland Standard	: BS 6121
Ingress Protection	: Flame Proof testing as per IS/IEC-60079-1 : 2007 Weather Proof testing as per IS/IEC : 60529 : 2001 (IP-66)
Test Cert.No.	: CIMFR/TC/P/H 834 (Dt.21.03.2014)
Series	: HCGF



APPLICATION:

These Glands are used in flammable gas / vapours area as well as in climatic conditions which are weather proof, water proof and dust proof (IP 66). They may be used in corrosive conditions when protected by a shroud.

PARTS OF GLAND :

- | | |
|-------------------------------|-------------------------------|
| 1) Brass Check Nut | 2) Rubber Washer |
| 3) Brass Gland Body | 4) Rubber Inner Seal |
| 5) Brass Armour Clamping Cone | 6) Brass Armour Clamping Ring |
| 7) Brass Armour Clamping Nut | 8) Rubber Outer Seal |
| 9) Brass Compression Nut | |

All metal parts are accurately machined for ease of assembly.

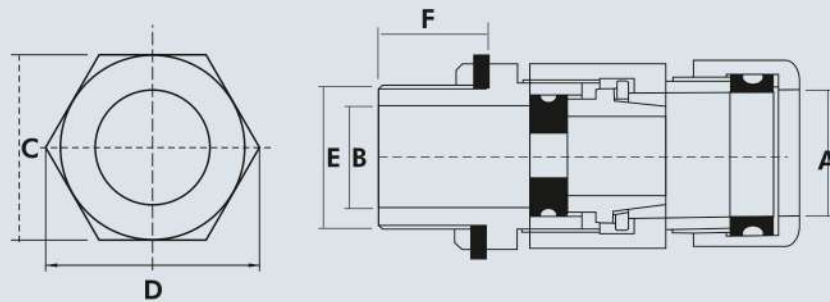
ACCESSORIES :

Shrouds, Earth Tags, Stopping Plugs, Reducers, Adaptors, etc are available separately and should be specified when ordering the gland.

ASSEMBLY SEQUENCE :

- Engage & tighten item 2 and 3 into apparatus (Secure with item 1 if plain hole entry).
- Pass item 9, 8 and 7 respectively over the cable before commencing to strip outer sheath.
- Remove the sheath to the desired length depending on the lengths of leads required and pass item 6 over the exposed armour.
- Cut the armour to length, lift wire ends, pass item 5 over the exposed bedding and beneath the armour.
- Insert items 4 and 3 on the bedding of the cable.
- Engage and tighten items 7 and 3.
- Engage and tighten items 9 and 7.

HEX FLAME PROOF-CUM-WEATHER PROOF DOUBLE COMPRESSION TYPE CABLE GLANDS (GAS GROUP IIA, IIB ZONE 1 & 2 ATMOSPHERE)



Suitable Cable. Overall Dia.(mm)		A Dia	B Dia	C (A / F)	D (A / C)	E Nipple Entry Thread			Length	F Product Code
From	To	mm	mm	mm	mm	Inch	mm	npt	mm	
6.00	13.00	15.00	12.50	22.00	25.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF 01SS
13.00	16.50	17.00	14.50	25.00	28.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF 01S
16.50	18.50	19.00	14.50	27.50	31.50	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF 01
16.50	18.50	19.00	14.50	27.50	31.50	1"	M25 X 1.5	3/4" NPT	25.00	HCGF 01A
18.50	20.00	22.00	14.50	31.00	36.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF 02
18.50	20.00	22.00	19.00	31.00	36.00	3/4"	M20 X 1.5	1/2" NPT	25.00	HCGF 02A
20.00	23.00	23.00	19.00	31.00	36.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF 03
23.00	26.00	27.00	20.50	37.00	42.00	1"	M25 X 1.5	3/4" NPT	25.00	HCGF 04
23.00	26.00	27.00	20.50	37.00	44.00	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF 04A
26.00	30.00	30.00	25.50	41.00	47.00	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF 05
26.00	30.00	30.00	26.00	41.00	47.00	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF 05A
30.00	33.00	34.00	31.50	46.00	53.50	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF 06
30.00	33.00	34.00	27.00	46.00	53.50	1 1/4"	M32 X 1.5	1" NPT	25.00	HCGF 06A
33.00	37.00	39.00	31.00	51.00	59.00	1 1/2"	M40 X 1.5	1 1/4" NPT	25.00	HCGF 07
37.00	41.00	43.00	44.00	56.00	64.50	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF 08
41.00	46.00	47.00	40.00	58.00	67.00	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF 09
46.00	52.00	53.00	45.00	66.00	76.00	2"	M50 X 1.5	1 1/2" NPT	25.00	HCGF 010
46.00	52.00	53.00	48.00	66.00	76.00	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF 010A
52.00	56.00	58.00	56.00	74.00	85.00	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF 011S
54.00	61.00	61.00	56.00	79.00	90.50	2 1/2"	M63 X 1.5	2" NPT	25.00	HCGF 011
61.00	66.00	67.00	65.00	83.00	95.00	3"	M75 X 1.5	2 1/4" NPT	25.00	HCGF 012
66.00	72.00	72.00	67.00	90.50	104.00	3"	M75 X 1.5	2 1/4" NPT	25.00	HCGF 013A
72.00	78.00	79.00	74.00	98.00	113.00	3 1/4"	M82 X 1.5	2 1/2" NPT	25.00	HCGF 013
78.00	84.00	85.00	80.00	106.00	122.00	3 1/4"	M82 X 1.5	2 1/2" NPT	25.00	HCGF 014
84.00	94.00	97.00	90.00	113.00	130.00	4"	M100 X 1.5	3" NPT	25.00	HCGF 015
94.00	104.00	105.00	101.50	126.50	146.00	4 1/2"	M115 X 1.5	3 1/2" NPT	25.00	HCGF 016