

SYMBOL OF QUALITY

Pioneers In Solderless Terminals, Crimping Tools & Cable Glands



DOWELL'S BRASS CABLE GLANDS & ACCESSORIES

House of Designers & Makers of Terminals, Tools & Cable Glands Since 1961



Contents

	Description	Page No.
1.	Technical Specification	3
2.	Double Compression Armoured Cable Glands	4
3.	Double Compression Un-Armoured Cable Glands	5
4.	Single Compression Cable Glands	6
5.	SIBG Heavy Duty Cable Glands	7
6.	Flange Type Cable Glands	8
7.	PG Type Cable Glands	8
8.	BW Type Cable Glands	9
9.	CW Type Cable Glands	10
10.	Shrouds	11
11.	Earth Tag	11

Type Test Reports











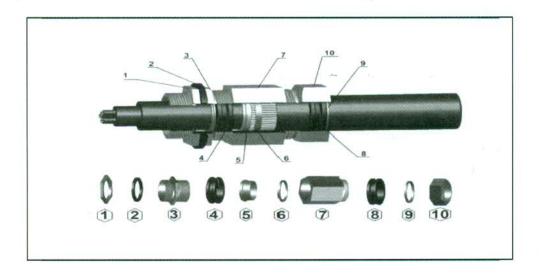


DOUBLE COMPRESSION CABLE GLANDS



AN ISO 9001: 2008 CERTIFIED CO.

TECHNICAL SPECIFICATION



TECHNICAL DATA

- Material ⊩ Brass As Per IS 319 Standard, Also Available in (Aluminium/M.S. & S.S. 304/316)
- Finish: Bright Nickel Plated, Also (Tin/Cadmium/Chrome)
- Entry Threads :- BSC/ET, Also (PG/Metric/NPT/BSP)
- · Sealing Ring :- Neoprene/Nitrile/Natural Rubber
- Reference Standard: BS-6121, IEC 60079-1: 2007 for Flame Proof
- Ingress Protection: IP-67 as per IEC 60529: 2001

APPLICATION

- · Weather Proof Glands are used in regular climatic conditions, Which are Water Proof and Dust Proof (IP-67).
- Flame Proof Glands are generally used in hazardous area, as well as in normal climatic condition Which are Water Proof and Dust Proof (IP-67).

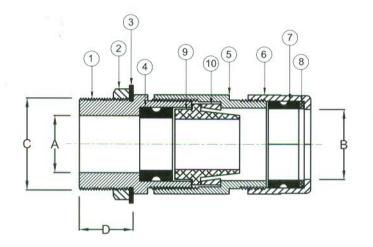
FITTING SEQUENCE

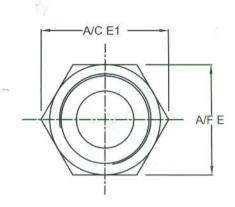
- Insert Part No. 10, 9,8 and 7 respectively on the outer sheath of the cable before exposing the armour.
- After removing outer sheath of the cable, insert part No. 6 over the exposed armour.
- Insert part No. 5 under the armour through inner sheath of the cable, cut the armour as per the length of part 5.
- Squeeze the armour between part No. 5 and 6 by moving both towards each other.
- Insert part No. 3 & 4 and fix it with part No.7.
- Finally Apply the spanner and tight part No. 3 and 10 with 7.
- Fix the gland assembly to enclosure form one side and part no. 1 from another side if the entry thread is not provided in enclosure.



DOUBLE COMPRESSION BRASS CABLE GLANDS (for ARMOURED CABLE)

AN ISO 9001: 2008 CERTIFIED CO.



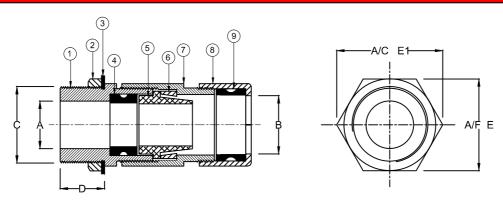


SUITABLE OVER ALL DIAMETER	DBW SERIES	D (mm)	DBF SERIES	D (mm)	A (mm)	B (mm)	C (inch)	E A/F	E1 A/C
6.0 - 12.0	DBW - 01SS	13	DBF - 01SS	25	12.5	13.0	3/4"	21.0	24.0
12.0 - 16.5	DBW - 01S	15	DBF - 01S	25	14.5	18.0	3/4"	25.0	29.0
16.5 - 18.5	DBW - 01	15	DBF - 01	25	14.5	19.0	3/4"	27.5	31.5
16.5 - 18.5	DBW - 01A	15	DBF - 01A	25	14.5	19.0	1"	27.5	31.5
18.5 - 20.0	DBW - 02	15	DBF - 02	25	18.0	21.0	1"	30.0	34.5
18.5 - 20.0	DBW - 02A	15	DBF - 02A	25	14.5	21.0	3/4"	30.0	34.5
20.0 - 23.0	DBW - 03	15	DBF - 03	25	19.0	23.5	1"	31.5	36.0
23.0 - 26.0	DBW - 04	15	DBF - 04	25	20.5	27.0	1"	36.0	41.5
23.0 - 26.0	DBW - 04A	15	DBF - 04A	25	22.0	27.0	1.1/4"	36.0	41.5
26.0 - 30.0	DBW - 05	15	DBF - 05	25	25.5	31.0	1.1/4"	41.0	47.0
26.0 - 30.0	DBW - 05A	15	DBF - 05A	25	27.0	31.0	1.1/2"	41.0	47.0
30.0 - 33.0	DBW - 06	15	DBF - 06	25	31.0	34.5	1.1/2"	47.0	54.0
30.0 - 33.0	DBW - 06A	15	DBF - 06A	25	27.0	34.5	1.1/4"	47.0	54.0
33.0 - 37.0	DBW - 07	15	DBF - 07	25	32.0	38.0	1.1/2"	50.0	57.0
37.0 - 41.0	DBW - 08	15	DBF - 08	25	38.5	42.5	2"	56.0	64.0
41.0 - 46.0	DBW - 09	15	DBF - 09	25	40.0	47.0	2"	59.0	67.0
46.0 - 52.0	DBW - 010	20	DBF - 010	25	44.0	53.0	2"	67.0	77.0
46.0 - 52.0	DBW - 010A	20	DBF - 010A	25	48.0	53.0	2.1/2"	67.0	77.0
52.0 - 54.0	DBW - 011A	20	DBF - 011A	25	51.0	57.0	2.1/2"	72.0	83.0
54.0 61.0	DBW - 011	20	DBF - 011	25	56.5	62.0	2.1/2"	80.0	92.0
61.0 - 66.0	DBW - 012	20	DBF - 012	25	64.0	68.0	3"	85.0	98.0
66.0 - 72.0	DBW - 013A	20	DBF - 013A	25	67.0	73.0	3"	89.0	103.0
72.0 - 78.0	DBW - 013	20	DBF - 013	25	74.0	80.0	3.1/4"	99.0	113.0
78.0 - 84.0	DBW - 014	20	DBF - 014	25	78.0	85.0	3.1/2"	105.0	121.0
84.0 - 94.0	DBW - 015	20	DBF - 015	25	90.5	97.0	4"	114.0	132.0
94.0 - 104.0	DBW - 016	20	DBF - 016	25	101.0	106.0	4.1/2"	130.0	149.0

NOTE:

• (DBW - Weather Proof Series) (DBF - Flame Proof Series)

DC TYPE MEDIUM DUTY BRASS CABLE GLANDS (for ARMOURED CABLE)



SUITABLE OVER ALL DIAMETER	CATALOG NO.	D (mm)	A (mm)	B (mm)	C (inch)	E A/F (mm)	E1 A/F (mm)	PRODUCT CODE
07.0 - 11.0	DC - 3/8"	25	11.5	12.5	5/8"	20.5	23.5	DGP10036
11.1 - 15.5	DC - 1/2"	25	12.0	16.0	5/8"	22.0	25.4	DGP10037
15.6 - 17.0	DC - 5/8"	25	14.5	17.5	3/4"	24.0	27.7	DGP10038
17.1 - 18.5	DC - 3/4"	25	14.5	19.0	3/4"	26.0	30.0	DGP10039
18.6 - 19.5	DC - 7/8"	25	14.5	20.0	3/4"	26.5	30.6	DGP10040
19.6 - 22.5	DC - 1"	25	20.5	23.0	1"	30.5	35.2	DGP10041
22.6 - 25.5	DC - 1.1/8"	25	22.5	26.0	1.1/8"	34.0	39.2	DGP10042
25.6 - 31.5	DC - 1.1/4"	25	25.5	32.0	1.1/4"	40.0	46.2	DGP10043
31.6 - 34.5	DC - 1.3/8"	25	30.0	35.0	1.1/2"	42.0	48.5	DGP10044
34.6 - 36.5	DC - 1.1/2"	25	32.5	37.0	1.1/2"	47.0	54.3	DGP10045
36.6 - 44.5	DC - 1.3/4"	25	43.0	45.0	2"	56.0	64.5	DGP10046
44.6 - 49.5	DC - 2"	25	43.0	50.0	2"	59.0	68.2	DGP10047
49.6 - 54.5	DC - 2.1/4"	25	50.5	55.0	2.1/4"	65.0	75.0	DGP10048
54.6 - 63.5	DC - 2.1/2"	25	57.5	64.0	2.1/2"	77.0	89.0	DGP10049
63.6 - 69.5	DC - 2.3/4"	25	63.0	70.0	2.3/4"	81.0	93.5	DGP10050
69.6 - 74.5	DC - 3"	25	69.0	75.0	3"	86.0	99.5	DGP10051
74.6 - 81.0	DC - 3.1/4"	25	75.0	81.5	3.1/4"	91.0	104.0	DGP10052
81.1 - 86.0	DC - 3.1/2"	25	81.5	86.5	3.1/2"	103.0	119.0	DGP10053
86.1 - 95.5	DC - 4"	25	92.0	100.0	4"	116.5	132.0	DGP10054

SR. NO.	PARTICULARS	MATERIAL	NOS.	SR. NO.	PARTICULARS	MATERIAL	NOS.
1.	NIPPLE	BRASS	1	6.	CONE RING	BRASS	1
2.	CHECK NUT	BRASS	1	7.	GLAND BODY	BRASS	1
3.	GASKET	NEOPRENE	1	8.	COMPRESSION NUT	BRASS	1
4.	INNER SEAL	NEOPRENE	1	9.	OUTER SEAL	NEOPRENE	1
5.	CONE	BRASS	1				

NOTE:-

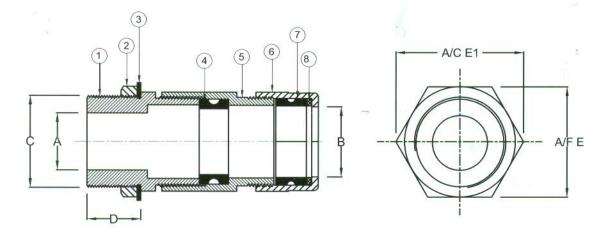
- * Tolerances :- +/- 2 mm
- * Raw material :- Brass as per IS-319 (Alu./S.S./M.S./ also available).
- * Finish :- Bright Nickel plated (also Tin/Chrome/Cadmium).
- * Entry thread :- BSC/ET
- * Standard :- as per BS-6121



DOUBLE COMPRESSION BRASS CABLE GLANDS (for UNARMOURED CABLE)



AN ISO 9001: 2008 CERTIFIED CO.



SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	A (mm)	B (mm)	C (inch)	D (mm)	E A/F	E1 A/C
06 - 12.5	DBW - 01SS (UN)	13.0	13.0	3/4"	15.0	21.5	24.5
12.6 - 14	DBW - 01S (UN)	14.5	14.5	3/4"	15.0	25.0	28.7
14.1 - 17	DBW - 01A (UN)	18.0	18.0	1"	15.0	27.4	31.4
17.1 - 19	DBW - 02 (UN)	20.0	20.0	1"	15.0	30.0	35.0
19.1 - 22	DBW - 03 SP (UN)	23.0	23.0	28mm	15.0	31.0	36.0
22.1 - 25	DBW - 04A (UN)	26.0	26.0	1.1/4"	15.0	37.0	43.0
25.1 - 29	DBW - 05A (UN)	30.0	30.0	1.1/2"	15.0	41.0	47.0
29.1 - 32	DBW - 06 SP (UN)	33.0	33.0	40mm	15.0	46.0	53.0
32.1 - 35	DBW - 07 SP (UN)	36.0	36.0	42mm	15.0	50.0	57.0
35.1 - 40	DBW - 08 (UN)	41.0	41.0	2"	15.0	56.0	64.0
40.1 - 43	DBW - 09 (UN)	44.0	44.0	2"	15.0	58.0	66.0
43.1 - 51	DBW - 010A (UN)	52.0	52.0	2.1/2"	20.0	65.0	75.0
51.1 - 59	DBW - 011 SP (UN)	60.0	60.0	70mm	20.0	79.0	90.0
59.1 - 65	DBW - 012 (UN)	66.0	66.0	3"	20.0	84.5	96.0
65.1 - 71	DBW - 013 (UN)	72.0	72.0	3.1/4"	20.0	89.0	102.0
71.1 - 79	DBW - 014 (UN)	80.0	80.0	3.1/2"	20.0	104.0	121.0
79.1 - 89	DBW - 015 (UN)	90.0	90.0	4"	20.0	115.0	135.0

SR. NO.	PARTICULARS	MATERIAL	NOS.	SR. NO.	PARTICULARS	MATERIAL	NOS.
1.	NIPPLE	BRASS	1	6.	COMPRESSION NUT	BRASS	1
2.	CHECK NUT	BRASS	1	7.	OUTER SEAL	NEOPRENE/NITRILE	1
3.	GASKET	NEOPRENE/NITRILE	1	8.	WASHER	NYLON	1
4.	INNER SEAL	NEOPRENE/NITRILE	1	9.	CONE	BRASS	1
5.	GLAND BODY	BRASS	1	10.	CONE RING	BRASS	1

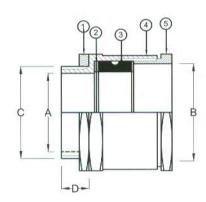
NOTE:

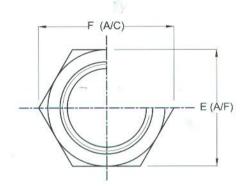
- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Bright Nickel Plated (Also Tin/Chrome/Cadmium).
- Entry Thread :- BSC/ET
- Standard :- As Per BS-6121.



SINGLE COMPRESSION BRASS CABLE GLANDS (for UNARMOURED CABLE)

AN ISO 9001: 2008 CERTIFIED CO.





SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	A (mm)	B (mm)	C (mm)	D (mm)	E A/F (mm)	F A/C (mm)
06 - 12.5	3/8"	11.5	12.5	15.5	7.5	18.0	20.5
12.6 - 14	1/2"	12.0	15.0	15.5	8.5	22.0	25.0
14.1 - 15.5	5/8"	14.5	16.5	18.5	8.0	21.0	24.0
15.6 - 16.5	3/4"	14.5	17.5	19.0	8.5	23.0	26.0
16.5 - 19	7/8"	14.5	20.0	18.5	8.5	25.0	29.0
19.1 - 22	1"	20.5	23.0	25.0	9.0	29.0	33.0
22.1 - 27	1.1/8"	24.0	28.0	28.5	10.5	35.0	40.0
27.1 - 31	1.1/4"	27.0	32.0	31.5	11.0	40.0	46.0
31.1 - 34.5	1.3/8"	29.5	35.5	34.5	11.0	44.0	50.0
34.6 - 38.5	1.1/2"	33.0	39.5	38.0	11.5	47.0	54.0
38.6 - 43.5	1.3/4"	40.0	44.5	44.0	11.5	54.0	62.0
43.6 - 50.5	2"	45.0	51.5	50.0	13.0	60.0	69.0
50.6 - 57	2.1/4"	51.5	58.0	56.5	13.0	68.0	78.0
57.1 - 61.5	2.1/2"	57.5	62.5	63.0	14.0	72.0	82.0
61.6 - 68	2.3/4"	63.5	69.0	69.0	15.0	80.0	90.0
68.1 - 74	3"	68.0	75.0	75.0	16.0	87.0	99.0
74.1 - 80.5	3.1/4"	75.0	81.5	82.0	16.0	92.0	105.0
80.6 - 87	3.1/2"	81.5	86.5	88.0	16.0	102.0	115.0
87.1 - 100	4"	92.0	101.0	100.0	17.0	110.0	126.0
100.1 - 108	4.1/2"	107.0	109.0	105.0	20.0	129.5	148.0

SR. NO.	PARTICULARS	MATERIAL	NOS.
1.	CHECK NUT	BRASS	1
2.	METAL WASHER	M.S.	3
3.	SEALING RING	NATURAL	1
4.	GLAND BODY	BRASS	1
5.	GLAND COVER	BRASS	1

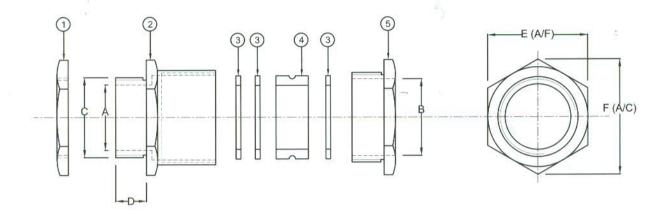
NOTE:

- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Bright Nickel Plated (Also Tin/Chrome/Cadmium).
- Entry Thread :- BSC/ET

SINGLE COMPRESSION BRASS CABLE GLANDS HEAVY DUTY (SIBG TYPE)



AN ISO 9001: 2008 CERTIFIED CO.



SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	A (mm)	B (mm)	C (mm)	D (mm)	E A/F (mm)	F A/C (mm)
09.0 - 12.0	1616	12.0	16.0	16.0	9.0	22.0	25.5
12.0 - 15.5	1616	12.0	18.5	16.0	9.0	25.5	29.0
12.0 - 15.5	1919	15.0	18.5	20.0	9.0	25.5	29.0
18.0 - 20.0	2119	15.0	24.0	20.0	9.5	30.0	34.5
18.0 - 20.0	2125	20.5	24.0	25.0	9.5	31.5	36.0
21.0 - 25.0	2925	20.5	28.5	25.0	10.0	35.5	40.0
25.5 - 29.0	2932	27.0	33.0	32.0	12.0	40.0	46.0
29.0 - 33.0	2938	34.0	37.0	40.0	12.0	46.0	53.0
33.0 - 37.0	3638	34.0	41.0	40.0	12.0	41.5	57.5
38.0 - 42.0	4251	44.0	47.0	50.0	13.0	58.0	67.0
43.0 - 50.0	5451	44.0	52.0	50.0	13.0	65.0	75.0
48.0 - 54.0	5463	55.0	61.5	63.0	14.0	73.0	84.0
55.0 - 60.0	6063	55.0	65.0	63.0	14.0	77.0	89.0
61.0 - 66.0	6675	68.0	71.0	75.0	15.0	85.0	98.0
67.0 - 72.0	7882	67.0	76.0	75.0	15.0	90.0	104.0
73.0 - 78.0	7882	73.0	82.0	82.0	17.0	97.0	112.0

SR.

NO.

1.

2.

3.

4.

PARTICULARS

CHECK NUT

GLAND BODY

METAL WASHER

SEALING RING

COMPRESSION RING

MATERIAL

BRASS

BRASS

NATURAL

BRASS

M.S.

NOS.

1

1

3

1

NOTE:

- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Bright Nickel Plated (Also Tin/Chrome/Cadmium).
- Entry Thread :- BSC/ET

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FLANGE TYPE & PG TYPE CABLE GLANDS

FLANGE TYPE CABLE GLANDS

• Material :- Brass As Per IS-319 Standard

Finish :- Brass NaturalEntry Thread :- BSC/ET

• Application :- Generally for Armoured Cable and Outdoor Use



SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.
12.0 - 16.0	DOWELLS - 5	38.1 - 41.0	DOWELLS - 38
16.1 - 18.0	DOWELLS - 4	41.1 - 45.0	DOWELLS - 001
18.1 - 21.0	DOWELLS - 3	45.1 - 52.0	DOWELLS - 002
21.1 - 25.0	DOWELLS - 2	52.1 - 59.0	DOWELLS - 003
25.1 - 29.0	DOWELLS - 1	59.1 - 67.0	DOWELLS - 0033
29.1 - 33.0	DOWELLS - 11	67.1 - 76.0	DOWELLS - 004
33.1 - 35.0	DOWELLS - 0	76.1 - 84.0	DOWELLS - 005
4 35 1 - 38 0	DOWELLS - 00		

PG TYPE CABLE GLANDS

• Material :- Polymide - 6

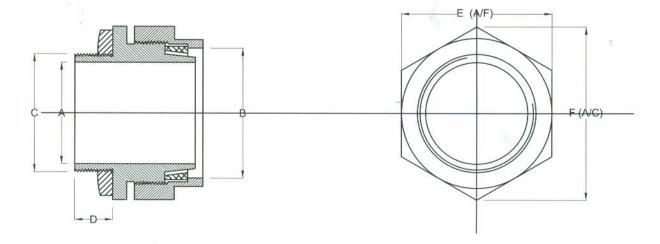
• 'O' Ring :- Nitrile

Sealing Ring :- NeopreneEntry Thread :- Metric & PG

• Application :- Generally for Un-Armoured Cable



	FOR METRIC THREAD)		FOR PG THREAD	
SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	ENTRY THREAD LENGTH	SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	ENTRY THREAD LENGTH
2 - 5.5	M - 12	8	2 - 5	PG - 7	6
3 - 8.0	M - 16	9	3 - 8	PG - 9	7
5 - 12	M - 20	10	4 - 10	PG - 11	7
10 - 16	M - 25	10	5 - 12	PG - 13.5	7
15 - 21	M - 32	12	8 - 14	PG - 16	7.5
19 - 28	M - 40	13	12 - 17	PG - 21	8
26 - 35	M - 50	. 13	16 - 25	PG - 29	8
36 - 42	M - 63	15	20 - 32	PG - 36	15
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			28 - 37	PG - 42	15
			32 - 40	PG - 48	15



DOWELL'S CATLOGUE NO.	UNDER ARMOUR DIA. (A) MAX. (mm)	OVER ALL DIA. (B) MAX. (mm)	C (mm)	D (mm)	E A/F (mm)	F A/C (mm)
DBW - 16	8.6	13.5	16.0	10.0	20.0	23.0
DBW - 20 S	12.3	17.0	20.0	10.0	22.0	24.0
DBW - 20	14.3	20.0	20.0	10.0	25.0	27.0
DBW - 25 S	18	23.8	25.0	10.0	30.0	32.5
DBW - 25	20.4	27.0	25.0	10.0	34.0	38.0
DBW - 32	26.5	33.0	32.0	10.0	41.0	45.5
DBW - 40 S	31	37.0	40.0	10.0	45.0	50.0
DBW - 40	32.5	41.0	40.0	15.0	49.0	54.0
DBW - 50 S	37.8	48.0	50.0	15.0	58.0	65.0
DBW - 50	44	53.0	50.0	15.0	62.3	69.5
DBW - 63 S	50.5	60.5	63.0	15.0	70.0	77.0
DBW - 63	56.5	65.5	63.0	15.0	76.0	85.0
DBW - 75 S	62.5	72.0	75.0	15.0	84.0	93.0
DBW - 75	67.5	78.5	75.0	15.0	90.0	100.0
DBW - 90	80	93.0	90.0	20.0	112.0	125.0

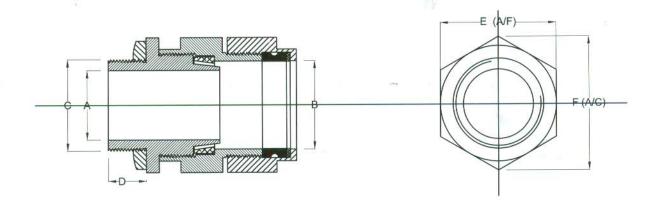
NOTE:

• Tolerances :- +/- 2 mm

- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Natural Brass (Also Bright Nickel Plated/Tin/Chrome/Cadmium).



CW TYPE CABLE GLANDS (FOR ARMOURED CABLE)



DOWELL'S CATLOGUE NO.	UNDER ARMOUR DIA. (A) MAX. (mm)	OVER ALL DIA. (B) MAX. (mm)	C (mm)	D (mm)	E A/F (mm)	F A/C (mm)
DCW-16	8.6	13.5	16.0	10.0	20.0	23.0
DCW-20 S	12.0	15.0	20.0	10.0	22.0	24.0
DCW-20	14.0	20.0	20.0	10.0	26.0	29.0
DCW-25 S	17.8	23.8	25.0	10.0	31.0	34.0
DCW-25	20.4	27.0	25.0	10.0	34.3	38.5
DCW-32	26.5	33.0	32.0	10.0	41.5	46.5
DCW-40 S	31.0	37.0	40.0	10.0	45.0	50.0
DCW-40	32.5	40.0	40.0	15.0	49.0	54.0
DCW-50 S	37.8	45.0	50.0	15.0	57.0	64.0
DCW-50	44.0	51.5	50.0	15.0	62.3	69.5
DCW-63 S	50.5	60.5	63.0	15.0	70.0	78.0
DCW-63	56.5	65.5	63.0	1.0	76.3	85.0
DCW-75 S	62.5	72.0	75.0	15.0	85.0	95.0
DCW-75	67.5	78.5	75.0	15.0	91.0	112.0
DCW-90	80.0	90.0	90.0	20.0	103.0	115.0

NOTE:

- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Natural Brass (Also Bright Nickel Plated/Tin/Chrome/Cadmium).

SHROUDS

Material :- Block Polyvinylchloride High Grade Also in LSF & LSZH

Features :-

- Provides Additional Protection & enhances IP Rating of the Gland Termination.
- Effective Solution to Weather and Corrosion Protection of a Cable Gland.
- · Available in same Gland Size.



EARTH TAG

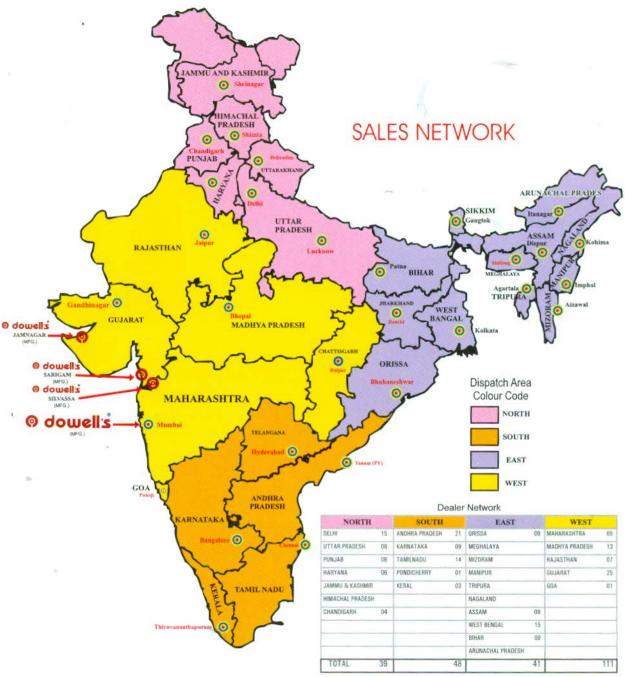
Material :- Brass, Aluminium

Features :-

- Means of connecting or an earth bond around the Cable Gland.
- · Available in various shapes and in all size.
- Ensures earth continuity between the electrical equipment and the Gland
- Can be coated or plated as per customer specification..

METRIC SIZE	DOWELL'S CAT. NO.		
M 20	DET-20		
M 25	DET-25		
M 32	DET-32		
M 40	DET-40		
M 50	DET-50		
M 63	DET-63		
M 75	DET-75		
M 90	DET-90		
M 100	DET-100		





TOTAL NO. OF DEALERS - 239

e dowell's

AN ISO 9001: 2008 CERTIFIED CO.

Corporate & Head Office : DOWELL'S CABLE ACCESSORIES PVT. LTD.

Gala No. 47/47A, Jagat Satguru Industrial Estate, Off Aarey Road, Goregaon (East), Mumbai - 400 063.

For Consumer Complaint Contact:

Officer Consumer Care Cell.

DOWELL'S CABLE ACCESSORIES PVT. LTD.

Gala No. 47/47A, Jagat Satguru Industrial Estate, Off Aarey Road, Goregaon (East), Mumbai - 400 063.

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