



DAGA POWER

DAGA POWER GROUP

ISO 9001: 2015 CERTIFIED ORGANIZATION



CABLE GLAND TDS



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DAGA POWER

ABOUT US

DAGA POWER SYSTEMS & ENGINEERS PVT. LTD., is a Kolkata, West Bengal Based Leading Manufacturer of cable trays & cable tray accessories which started its journey in the year 2003. During the Last more than 15 years of our operation, we have added several other products as well to our product basket and we are currently manufacturing a vast variety of cable glands, cable lugs, cable trays, cable tray accessories, Tower Structure & earthing materials.

MISSION

Our Mission is to offer excellent products, in accordance with both national & international standards and set a benchmark for our competitors keeping our codes of conduct and integrity intact.

VISION

Our vision is to grow our multi-disciplinary team in order to cater to the growing demand of our products in India & abroad with best quality products on a wider scale using high quality manufacturing process & best quality raw materials available in our industry, so that we can become the No. 1 choice of customers through excellence and efficiency in consignment execution in all aspects.

CABLE GLAND SELECTION CHART

TECHNICAL DATA SHEET OF CABLE GLANDS:

CABLE DIMENSION				GLAND DIMENSION				
DPW SERIES	A (Under armour Dia)	B (Overall Dia)	Armour diameter	Entry Thread		E (Across Flat)	F (Across Corner)	
				C	D (Length)			
	mm	mm	mm	ET	mm	mm	mm	
DBW01SS	8.0	12.0	0.8/1.4	3/4"	M20	15.0	21.5	24.5
DBW01S	11.0	16.5	0.8/1.4	3/4"	M20	15.0	25.0	29.0
DBW01	12.0	18.0	0.8/1.4	3/4"	M20	15.0	28.0	32.0
DBW01A	12.0	18.0	0.8/1.4	1"	M25	15.0	28.0	32.0
DBW02	14.0	20.0	0.8/1.4	1"	M25	15.0	31.5	36.5
DBW02A	14.0	20.0	0.8/1.4	3/4"	M20	15.0	31.5	36.5
DBW03	17.0	23.0	0.8/1.4	1"	M25	15.0	32.0	37.0
DBW04	20.0	26.0	0.8/1.4	1"	M25	15.0	38.0	44.0
DBW04A	20.0	26.0	0.8/1.4	1.1/4"	M32	15.0	38.0	44.0
DBW05	24.0	30.0	0.8/1.4	1.1/4"	M32	15.0	41.0	47.0
DBW05A	24.0	30.0	0.8/1.4	1.1/2"	M40	15.0	41.0	47.0
DBW06	27.0	33.0	0.8/1.4	1.1/2"	M40	15.0	47.0	54.0
DBW06A	27.0	33.0	0.8/1.4	1.1/4"	M32	15.0	47.0	54.0
DBW07	30.0	37.0	0.8/1.4	1.1/2"	M40	15.0	52.0	58.0
DBW08	35.0	41.0	0.8/1.4	2"	M50	15.0	56.0	64.0
DBW09	40.0	46.0	0.8/1.4	2"	M50	15.0	59.0	67.0
DBW010	46.0	52.0	0.8/1.4	2"	M50	20.0	66.5	77.0
DBW010A	46.0	52.0	0.8/1.4	2.1/2"	M63	20.0	66.5	77.0
DBW011S	50.0	56.0	0.8/1.4	2.1/2"	M63	20.0	74.0	85.0
DBW011	54.0	60.0	0.8/1.4	2.1/2"	M63	20.0	80.0	92.0
DBW012	60.0	66.0	0.8/1.4	3"	M75	20.0	85.0	97.0
DBW013A	66.0	72.0	0.8/1.4	3"	M75	20.0	90.0	103.0
DBW013	72.0	78.0	0.8/1.4	3.1/4"	M82	20.0	99.0	113.0
DBW014	78.0	84.0	0.8/1.4	3.1/2"	M90	20.0	105.0	122.0
DBW015	88.0	94.0	0.8/1.4	4"	M100	20.0	117.0	135.0
DBW016	98.0	105.0	0.8/1.4	4.1/2"	M110	20.0	130.0	149.0

Complies with following standards:

- a. IS: 12943
- b. BS6121:2005(BSEN 50262)

Available in following MOC:

- a. Standard: Brass
- b. Options Available: Aluminium & Stainless Steel

Sealing Rubber Type: Neoprene Rubber

Protection Class: IP 66 as per IEC 60529:1999

CABLE GLAND SELECTION CHART



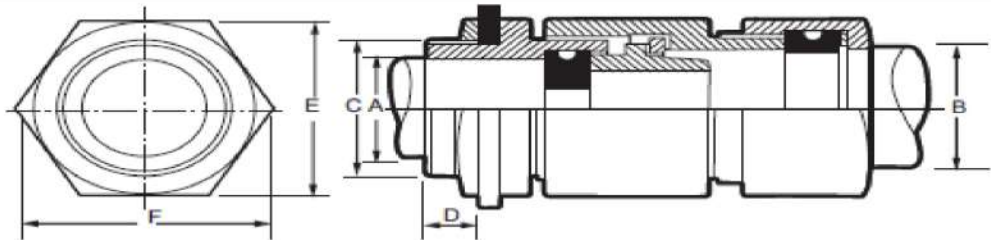
Thread:

- Standard: B.S.C. thread (ET)
- Options Available: NPT/PG/BSP/MM etc

Finish:

- Standard: Nickel Plated
- Options Available: Tin/ Cadmium/ Chrome

Dimensional legend



SL. NO.	STEPS	
A	Pass Item 10,9,8,7 respectively over cable before commencing to strip oversheath.	
B	Remove the outer sheath and pass item 6 over exposed armour.	
C	Cut armour to length, lift wire ends, pass item 5 over exposed bedding and beneath armour.	
D	Pass item 4.	
E	Pass Cable end through item 3.	
F	Engage item 7 & 3 and tighten up.	
G	Engage item 10 & 7 and tighten up.	
H	Screw item 3,2 into apparatus (secure item 1 if plain hole entry).	



Application

For use under most climatic conditions & generally for armoured cables & outdoor use. These are weather proof and may be used in the corrosive conditions when protected by a shroud.

Specification

Gland consists of 1. Check nut; 2. Neoprene Rubber Washer; 3. Armour Clamping Nut; 4. Neoprene inner ring; 5. Armour clamping cone; 6. Armour clamping ring; 7. Cable Gland Body; 8. Neoprene outer ring; 9. Skid washer; 10. Outer seal nut; All metal parts are made of brass accurately machined for ease of assembly.

Extras

Earth Tags & Earth Shroud are supplied separately, and should be specified when ordering the gland.

Sealing Rubber Type: Neoprene Rubber

Protection Class: IP 66 as per IEC 60529:1999

CABLE GLAND SIZE



Gland Compatible with Cable Size (Both Aluminium & Copper)

Cable Size	Unarmoured Cable	Gland size	Armoured Cable	Gland size
	Overall Diameter O.D		Overall Diameter O.D	
1C*4	8	DPW01SS		
1C*6	8.5	DPW01SS		
1C*10	9.5	DPW01SS		
1C*16	10	DPW01SS	13	DPW01S
1C*25	12	DPW01SS	14	DPW01S
1C*35	13	DPW01S	15	DPW01S
1C*50	14	DPW01S	17	DPW01/01A
1C*70	16	DPW01S	19	DPW02/02A
1C*95	17.5	DPW01/01A	21	DPW03
1C*120	19	DPW02/02A	22	DPW03
1C*150	21.5	DPW03	23	DPW03
1C*185	23.5	DPW04/04A	25	DPW04/04A
1C*240	26	DPW04/04A	27.5	DPW05/05A
1C*300	28.5	DPW05/05A	30	DPW05/05A
1C*400	33	DPW06/06A	34	DPW07
1C*500	36	DPW07	37.5	DPW08
1C*630	40	DPW08	40.5	DPW08
1C*800	46	DPW09	46.5	DPW10/10A
1C*1000	52	DPW010/010A	54	DPW011

Cable Size	Unarmoured Cable	Gland size	Armoured Cable	Gland size
	Overall Diameter O.D		Overall Diameter O.D.	
2C*4	13	DPW01S	15.5	DPW01S
2C*6	14	DPW01S	16.5	DPW01S
2C*10	16	DPW01S	18	DPW01/01A
2C*16	14	DPW01S	17	DPW01/01A
2C*25	17	DPW01/01A	18.5	DPW02/02A
2C*35	19	DPW02/02A	20	DPW02/02A
2C*50	21	DPW03	22.5	DPW03
2C*70	23	DPW03	25.5	DPW04/04A
2C*95	26.5	DPW05/05A	28	DPW05/05A
2C*120	28.5	DPW05/05A	30.5	DPW06/06A
2C*150	32	DPW06/06A	34	DPW07
2C*185	35.5	DPW07	37	DPW07
2C*240	39.5	DPW08	41	DPW08
2C*300	43.5	DPW09	45.5	DPW09
2C*400	49	DPW10/10A	51	DPW10/01A
2C*500	55.5	DPW011S	56.5	DPW011
2C*630	61.5	DPW012	62.5	DPW012

CABLE GLAND SIZE



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Gland Compatible with Cable Size (Both Aluminium & Copper)

Cable Size	Unarmoured Cable Overall Diameter O.D	Gland size	Armoured Cable Overall Diameter O.D	Gland size
3C*4	15.5	DPW01S	16	DPW01S
3C*6	16	DPW01S	17	DPW01/01A
3C*10	18	DPW01/01A	19	DPW02/02A
3C*16	18	DPW01/01A	18.5	DPW02/02A
3C*25	20	DPW02/02A	20.5	DPW03
3C*35	21.5	DPW03	23	DPW03
3C*50	24.5	DPW04/04A	25.5	DPW04/04A
3C*70	29	DPW05/05A	30	DPW05/05A
3C*95	32.5	DPW06/06A	33.5	DPW07
3C*120	34.5	DPW07	35.5	DPW07
3C*150	38.5	DPW08	40.5	DPW08
3C*185	43.5	DPW09	44.5	DPW09
3C*240	48.5	DPW10/10A	49	DPW10/10A
3C*300	51.5	DPW011S	53	DPW011S
3C*400	59.5	DPW011	58.5	DPW011
3C*500	66	DPW012	67	DPW013A
3C*630	72	DPW013A	73	DPW13

Cable Size	Unarmoured Cable Overall Diameter O.D	Gland size	Armoured Cable Overall Diameter O.D	Gland size
3.5C*25/16	22	DPW03	23	DPW03
3.5C*35/16	24	DPW04/04A	25	DPW04/04A
3.5C*50/25	27.5	DPW05/05A	28	DPW05/05A
3.5C*70/35	31	DPW06/06A	32	DPW06/06A
3.5C*95/50	35	DPW07	36	DPW07
3.5C*120/70	37.5	DPW08	39	DPW08
3.5C*150/70	41	DPW08	42	DPW09
3.5C*185/95	46.5	DPW10/10A	47.5	DPW10/10A
3.5C*240/120	52.5	DPW11S	53.5	DPW11S
3.5C*300/150	56	DPW11S	57	DPW11
3.5C*400/185	64	DPW12	65	DPW12
3.5C*500/240	72.5	DPW13	73.5	DPW13



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CABLE GLAND SIZE

Cable Size	Unarmoured Cable Overall Diameter O.D	Gland size	Armoured Cable Overall Diameter O.D	Gland size
4C*4	16	DPW01S	17.5	DPW01/01A
4C*6	17.5	DPW01/01A	18.5	DPW02/02A
4C*10	18.5	DPW02/02A	20.5	DPW03
4C*16	17.5	DPW02/02A	20	DPW03
4C*25	21	DPW03	23	DPW03
4C*35	23.5	DPW04/04A	25	DPW04/04A
4C*50	26	DPW04/04A	28	DPW05/05A
4C*70	30.5	DPW06/06A	32	DPW06/06A
4C*95	33.5	DPW07	35	DPW07
4C*120	37.5	DPW08	39	DPW08
4C*150	42	DPW09	43.5	DPW09
4C*185	46.5	DPW10/10A	48	DPW10/10A
4C*240	52.5	DPW11S	54	DPW11S
4C*300	58	DPW11	59.5	DPW11
4C*400	65.5	DPW12	66.5	DPW13A



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Gland Compatible with Cable Size (Multicore 1.5sq.mm)

Cable Size	Unarmoured Cable Overall Diameter O.D	Gland size	Armoured Cable Overall Diameter O.D	Gland size
2C*1.5	10	DPW01SS	12.5	DPW01SS
3C*1.5	10.5	DPW01SS	13	DPW01S
4C*1.5	11.5	DPW01SS	13.5	DPW01S
5C*1.5	12.5	DPW01SS	14.5	DPW01S
6C*1.5	13.5	DPW01S	15.5	DPW01S
7C*1.5	13.5	DPW01S	15.5	DPW01S
8C*1.5	14.5	DPW01S	16.5	DPW01S
9C*1.5	15.5	DPW01S	17.5	DPW01/01A
10C*1.5	17	DPW01/01A	18.5	DPW02/02A
12C*1.5	17.5	DPW01/01A	19	DPW02/02A
14C*1.5	18	DPW01/01A	20	DPW02/02A
16C*1.5	18.5	DPW02/02A	19	DPW02/02A
19C*1.5	19.5	DPW02/02A	20	DPW02/02A
21C*1.5	20.5	DPW03	21	DPW03
24C*1.5	22.5	DPW03	23	DPW03
27C*1.5	23	DPW03	23.5	DPW04/04A
30C*1.5	23.5	DPW04/04A	24	DPW04/04A
33C*1.5	24	DPW04/04A	25	DPW04/04A
37C*1.5	25	DPW04/04A	26	DPW04/04A
44C*1.5	28	DPW05/05A	28.5	DPW05/05A
52C*1.5	29	DPW05/05A	30.5	DPW06/06A
61C*1.5	31	DPW06/06A	32	DPW06/06A



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Gland Compatible with Cable Size (Multicore 2.5sq.mm)

Cable Size	Unarmoured Cable Overall Diameter O.D	Gland size	Armoured Cable Overall Diameter O.D	Gland size
2C*2.5	11.5	DPW01SS	13.5	DPW01S
3C*2.5	12	DPW01SS	14	DPW01S
4C*2.5	13	DPW01S	14.5	DPW01S
5C*2.5	14	DPW01S	15.5	DPW01S
6C*2.5	15	DPW01S	16.5	DPW01S
7C*2.5	15	DPW01S	16.5	DPW01S
8C*2.5	16	DPW01S	18	DPW01/01A
9C*2.5	16.5	DPW01S	19.5	DPW02/02A
10C*2.5	17.5	DPW01/01A	19	DPW02/02A
12C*2.5	18	DPW01/01A	19.5	DPW02/02A
14C*2.5	19	DPW02/02A	20	DPW02/02A
16C*2.5	20.5	DPW03	21.5	DPW03
19C*2.5	21.5	DPW03	22.5	DPW03
21C*2.5	22.5	DPW03	23.5	DPW04/04A
24C*2.5	24.5	DPW04/04A	25.5	DPW04/04A
27C*2.5	25.5	DPW04/04A	26.5	DPW05/05A
30C*2.5	26	DPW04/04A	27.5	DPW05/05A
33C*2.5	27	DPW05/05A	28.5	DPW05/05A
37C*2.5	28	DPW05/05A	29.5	DPW05/05A
44C*2.5	32	DPW06/06A	33	DPW06/06A
52C*2.5	33.5	DPW07	34.5	DPW07
61C*2.5	35	DPW07	36	DPW07



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