



DAGA POWER

DAGA POWER GROUP

ISO 9001: 2015 CERTIFIED ORGANIZATION



CABLE GLAND TDS



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32 EZRA STREET, 5TH FLOOR ROOM NO #505,
KOLKATA- 700001



JALAN INDUSTRIAL COMPLEX, NNH-6, GATE
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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	mm
DPW01SS	8.0	12.0	0.8/1.4	3/4"	M20	15.0	21.5	24.5
DPW01S	11.0	16.5	0.8/1.4	3/4"	M20	15.0	25.0	29.0
DPW01	12.0	18.0	0.8/1.4	3/4"	M20	15.0	28.0	32.0
DPW01A	12.0	18.0	0.8/1.4	1"	M25	15.0	28.0	32.0
DPW02	14.0	20.0	0.8/1.4	1"	M25	15.0	31.5	36.5
DPW02A	14.0	20.0	0.8/1.4	3/4"	M20	15.0	31.5	36.5
DPW03	17.0	23.0	0.8/1.4	1	M25	15.0	32.0	37.0
DPW04	20.0	26.0	0.8/1.4	1	M25	15.0	38.0	44.0
DPW04A	20.0	26.0	0.8/1.4	1.1/4"	M32	15.0	38.0	44.0
DPW05	24.0	30.0	0.8/1.4	1.1/4"	M32	15.0	41.0	47.0
DPW05A	24.0	30.0	0.8/1.4	1.1/2"	M40	15.0	41.0	47.0
DPW06	27.0	33.0	0.8/1.4	1.1/2"	M40	15.0	47.0	54.0
DPW06A	27.0	33.0	0.8/1.4	1.1/4"	M32	15.0	47.0	54.0
DPW07	30.0	37.0	0.8/1.4	1.1/2"	M40	15.0	52.0	58.0
DPW08	35.0	41.0	0.8/1.4	2"	M50	15.0	56.0	64.0
DPW09	40.0	46.0	0.8/1.4	2"	M50	15.0	59.0	67.0
DPW010	46.0	52.0	0.8/1.4	2"	M50	20.0	66.5	77.0
DPW010A	46.0	52.0	0.8/1.4	2.1/2"	M63	20.0	66.5	77.0
DPW011S	50.0	56.0	0.8/1.4	2.1/2"	M63	20.0	74.0	85.0
DPW011	54.0	60.0	0.8/1.4	2.1/2"	M63	20.0	80.0	92.0
DPW012	60.0	66.0	0.8/1.4	3"	M75	20.0	85.0	97.0
DPW013A	66.0	72.0	0.8/1.4	3"	M75	20.0	90.0	103.0
DPW013	72.0	78.0	0.8/1.4	3.1/4"	M82	20.0	99.0	113.0
DPW014	78.0	84.0	0.8/1.4	3.1/2"	M90	20.0	105.0	122.0
DPW015	88.0	94.0	0.8/1.4	4"	M100	20.0	117.0	135.0
DPW016	98.0	105.0	0.8/1.4	4.1/2"	M110	20.0	130.0	149.0

Complies with following standards:

- IS: 12943
- BS6121:2005(BSEN 50262)

Available in following MOC:

- Standard: Brass
- Options Available: Aluminium & Stainless Steel

Sealing Rubber Type: Neoprene Rubber

Protection Class: IP 66 as per IEC 60529:1999

CABLE GLAND SELECTION CHART



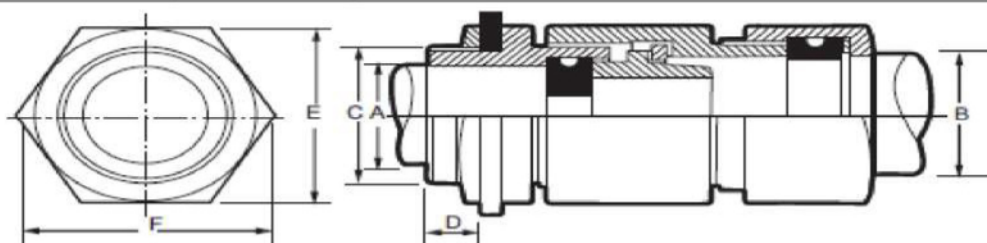
Thread:

- 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



DAGA POWER

Gland Compatable 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