



# CABLE GLAND

## TYPE VBL 453 FLAMEPROOF



### SPECIFICATION

Application	Outdoor and indoor. For use with lead sheathed single wire armour, elastomer or plastic insulated cables.
Specification	In accordance with the relevant requirements of BS 6121 type E2FW and BS 5501 parts 1,5 (EN 50014, EN 50018, IEC 60079-0, IEC 60079-1)
Approval	Suitable for use in Group IIA, IIB, and IIC Suitable for use in Zone 1, and Zone 2.
Function	I ) provides for armour clamp. II ) provides an electrical bond on lead sheath of cable III ) provides seal on inner sheath of cable
Seals	The inner seal complies with the pressure test of 30 BAR (450 psi) for two minutes.
Marking/certificate No.	Ex d IIC IP66/ BAS Ex 98D 1230
Ingress protection	IP 66 to IEC 60529
Material	Brass/Stainless Steel
Finish	This gland can be coated or plated to suit the application.
Accessories	Shroud for additional protection against onerous weather conditions.
( Optional )	Sealing Washer for IP66 rating between gland and the equipment. Earth Tag to ensure earth continuity between the gland and the equipment. Locknut to secure the gland to the equipment where entry hole is not tapped.

Gland Size ref.	'M' Entry thread sizes				'U' Thread Length				P	**		Cable acceptance details				Standard Steel wire armour R
	Metric	Imp* (in)	PG	BSPP* BSPT* NPT* (in)	Metric Imp PG	BSPP	BSPT	NPT		Across flats	Across corners	Diameter of inner sheath		Diameter of outer sheath		
												N Min.	N Max.	O Min.	O Max.	
O	16/20	3/4	11/13.5	1/2	15	15	18.6	19.9	58.7	25	27.7	7.5	9	10.5	16.0	0.9 / 1.25
A	20	3/4	16	1/2 3/4	15	15	18.6 20	19.9 20.2	57.8	30	34.6	8.3	11.6	12.9	20.5	0.9 / 1.25
B	25	1	21	3/4 1	15	15	20 23.7	20.2 25	62.5	36	41.6	11.5	16.6	17.0	26.5	1.25 / 1.6
CS	32	1 1/4	29	1 1 1/4	15	20	23.7 26	25 25.6	65.9	46	53.1	15.0	18.3	25.0	33.3	1.6 / 2.0
C	32	1 1/4	29	1 1 1/4	15	20	23.7 26	25 25.6	73.8	46	53.1	19.3	22.8	25.0	33.3	1.6 / 2.0
C2s	40	1 1/2	36	1 1/4 1 1/2	15	20	26 26	25.6 26	73.8	55	63.5	20.0	24.8	33.0	42.0	1.6 / 2.0
C2	40	1 1/2	36	1 1/4 1 1/2	15	20	26 26	25.6 26	82.3	55	63.5	25.0	28.8	33.0	42.0	1.6 / 2.0
Ds	50	2	42/48	2	15	20 20	30.3	26.9	82.3	65	75.1	32.0	34.3	39.5	52.0	2.0 / 2.5
D	50	2	42/48	2	15	20 20	30.3	26.9	83.1	65	75.1	34.0	40.0	39.5	52.0	2.0 / 2.5
Ess	63	2 1/2	-	2 1/2	15	20 20	30.6	39.9	83.1	80	92.4	40.0	42.8	52.0	64.8	2.5
Es	63	2 1/2	-	2 1/2	15	20 20	30.6	39.9	83.1	80	92.4	42.0	46.8	52.0	64.8	2.5
E	63	2 1/2	-	2 1/2	15	20 20	30.6	39.9	83.1	80	92.4	46.0	51.8	52.0	64.8	2.5

Dimensions in millimeters( except \*)

#### Notes:

\* The dimension of cable may vary with manufacturing tolerances. We do advise the actual cable diameter is measured where possible before purchasing Cable Glands.

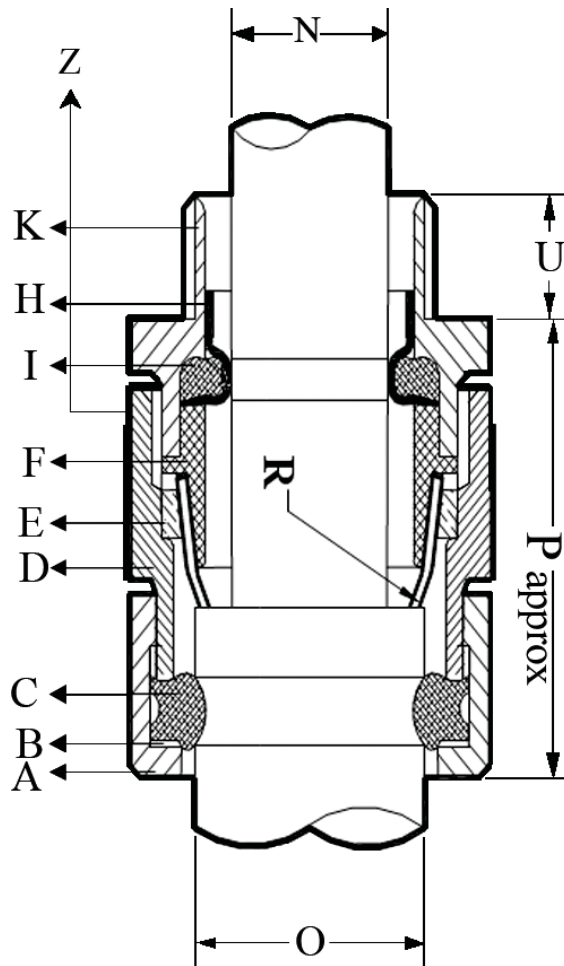
The recommendations here are given in good faith but SHOMAL can not be held liable for mistakes in selection however caused.

\*\* This dimension is the minimum acceptable

All information may be revised or changed by SHOMAL at anytime without prior notice or explanation.

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## TYPE VBL 453 FLAMEPROOF



- A : TAIL NUT
- B : SKID WASHER
- C : OUTER SEAL
- D : COMPRESSION NUT
- E : ARMOUR CLAMP RING
- F : ARMOUR CLAMP
- H : LEAD SEAL
- I : INNER SEAL
- K : ENTRY ADAPTOR

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