

Standard Cable Glands with Thread, Stainless Steel

Stainless steel cable glands with lamellar clamping

- For high quality machines and housings.
- For high quality applications in corrosive environments.
- Applications: Outdoor, food industry, pharmaceutical industry and other sensitive applications.
- Easy assembly: install cable gland - insert cable - tighten cap.
- High quality strain relief and sealing, reliable performance for standard industrial applications.
- Up-to-date international approvals.

Technical Details		
	Body, Cap	Stainless steel 1.4305 (AISI 303)
Material	Seal	CR (Chloroprene)
	Clamping Insert	PA 6 (Polyamide 6)
	O-Ring	NBR
Ingress Protection Rating	IP 68 - 5 Bar, 30 min	
Flammability	V2 according to UL94	
Operating Temperature	Permanent	-20 °C to +100 °C
	Intermittent	-40 °C to +150 °C
Thread Type	<ul style="list-style-type: none"> • Metric EN 60423 • PG DIN 40430 • NPT ANSI B1.20.1 • Other thread types also available upon request. 	
Cable Type	Non armoured <ul style="list-style-type: none"> • Lock nuts • Dome plugs • Reducing seals • Flat cable seals • Multihole seals • Gaskets (Washers) 	
Accessories		
Remarks	<ul style="list-style-type: none"> • Different seal types available. • Manufactured according to DIN EN 62444/50262. • We recommend the use of lock nuts and gaskets to ensure IP rating for rough surfaces or through holes. • Some approvals do not cover all sizes. • Accessories must be ordered separately. • Some approvals do not cover all sizes. • O-ring available in Metric and PG threads as a standard. For NPT threads O-ring available upon request. 	
	Note: Applications of most cable glands don't require same parameters applied to tests. For applications strictly acc. to the approval definitions please consult data sheet.	
Approvals	Certificate Number	Standards
	40040034	DIN EN 62444
	E199260	UL514B CSA22.2 No 18.3-12 CSA22.2 No 94.2-1S
		UL50E
TYPE 4x		
	E-14047	EN62444

For more approvals: see our webpage.



Order Coding				
Part Number	-	Gasket (Washer)	Lock Nut	Sealing Plug
Mandatory	-	Option	Option	Option
See table	-	WC Chloroprene WS Silicone	L Lock Nut	P Dome Plug T Dust Plug
Example	-	WC	L	P
BMSD-04	-	WC	L	P

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Thread Type **NPT** acc. to ANSI B1.20.1

Outer Thread Size (Male)	Clamping Range Ø min-max mm	Outer Thread Length TL mm	Spanner Width		Outer Ø D mm	max. Height H mm	Part Number	Minimum Order Quantity
			Cap SW Cap mm	Body SW Body mm				
NPT 3/8"	2,0 - 6,0	11,5	17	19	21,0	25,5	BNSD-01	900
	3,0 - 7,0	11,5	22	20	24,0	31,5	BNSD-01S	600
	4,0 - 8,0	11,5	17	19	21,0	25,5	BNSC-01	900
	5,0 - 10,0	11,5	22	20	24,0	31,5	BNSC-01S	600
NPT 1/2"	5,0 - 9,0	13,0	22	27	30,0	31,0	BNSD-02	500
	6,0 - 12,0	13,0	22	27	30,0	31,0	BNSC-02	500
	7,0 - 12,0	13,0	24	24	26,5	30,0	BNSD-02S	350
NPT 3/4"	10,0 - 14,0	13,0	24	24	26,5	30,0	BNSC-02S	350
	9,0 - 16,0	13,0	30	30	33,0	38,0	BNSD-03	200
NPT 1"	13,0 - 18,0	13,0	30	30	33,0	38,0	BNSC-03	200
	12,0 - 20,0	13,0	41	41	45,5	45,5	BNSD-04	100
NPT 1 1/4"	18,0 - 25,0	13,0	41	41	45,5	45,5	BNSC-04	100
	22,0 - 32,0	25,6	50	50	55,5	51,0	BNSC-05	50
NPT 1 1/2"	30,0 - 38,0	26,0	60	60	66,5	50,0	BNSC-06	40
NPT 2"	34,0 - 44,0	27,0	65	65	72,0	55,0	BNSC-07	40

Thread Type **PG** acc. to DIN 40430

Outer Thread Size (Male)	Clamping Range Ø min-max mm	Outer Thread Length TL mm	Spanner Width		Outer Ø D mm	max. Height H mm	Part Number	Minimum Order Quantity
			Cap SW Cap mm	Body SW Body mm				
PG 7	2,0 - 5,0	6,0	14	14	15,5	24,0	BSSD-01	1000
	2,0 - 5,0	10,0	14	14	15,5	24,0	BSSE-01R	1000
	3,0 - 6,5	6,0	14	14	15,5	24,0	BSSC-01	1000
	3,0 - 6,5	10,0	14	14	15,5	24,0	BSSE-01	1000
PG 9	2,0 - 6,0	6,0	17	19	21,0	25,5	BSSD-02	900
	2,0 - 6,0	10,0	17	19	21,0	25,5	BSSE-02R	900
	4,0 - 8,0	6,0	17	19	21,0	25,5	BSSC-02	900
PG 11	4,0 - 8,0	10,0	17	19	21,0	25,5	BSSE-02	900
	3,0 - 7,0	6,0	22	22	24,0	27,5	BSSD-03	600
	3,0 - 7,0	10,0	22	22	24,0	27,5	BSSE-03R	600
	5,0 - 10,0	6,0	22	22	24,0	27,5	BSSC-03	600
PG 13,5	5,0 - 10,0	10,0	22	22	24,0	27,5	BSSE-03	600
	5,0 - 9,0	6,5	22	22	24,0	26,0	BSSD-04	500
	5,0 - 9,0	10,0	22	22	24,0	26,0	BSSE-04R	500
	6,0 - 12,0	6,5	22	22	24,0	26,0	BSSC-04	500
PG 16	6,0 - 12,0	10,0	22	22	24,0	26,0	BSSE-04	500
	7,0 - 12,0	6,5	24	24	26,5	30,0	BSSD-05	400
	7,0 - 12,0	10,0	24	24	26,5	30,0	BSSE-05R	400
	10,0 - 14,0	6,5	24	24	26,5	30,0	BSSC-05	400
	10,0 - 14,0	10,0	24	24	26,5	30,0	BSSE-05	400
PG 21	9,0 - 16,0	7,2	30	30	33,0	35,0	BSSD-06	200
	9,0 - 16,0	12,0	30	30	33,0	35,0	BSSE-06R	200
	13,0 - 18,0	7,2	30	30	33,0	35,0	BSSC-06	200
	13,0 - 18,0	12,0	30	30	33,0	35,0	BSSE-06	200
PG 29	12,0 - 20,0	8,0	41	41	45,5	40,5	BSSD-07	100
	12,0 - 20,0	12,0	41	41	45,5	40,5	BSSE-07R	100
	18,0 - 25,0	8,0	41	41	45,5	40,5	BSSC-07	100
	18,0 - 25,0	12,0	41	41	45,5	40,5	BSSE-07	100
PG 36	20,0 - 26,0	9,0	50	50	55,5	50,0	BSSD-08	50
	20,0 - 26,0	14,0	50	50	55,5	50,0	BSSE-08R	50
	22,0 - 32,0	9,0	50	50	55,5	50,0	BSSC-08	50
PG 42	22,0 - 32,0	14,0	50	50	55,5	50,0	BSSE-08	50
	25,0 - 31,0	12,0	60	60	66,5	51,0	BSSD-09	40
	25,0 - 31,0	16,0	60	60	66,5	51,0	BSSE-09R	40
	30,0 - 38,0	12,0	60	60	66,5	51,0	BSSC-09	40
PG 48	30,0 - 38,0	16,0	60	60	66,5	51,0	BSSE-09	40
	29,0 - 35,0	14,0	65	65	72,0	54,5	BSSD-10	40
	29,0 - 35,0	18,0	65	65	72,0	54,5	BSSE-10R	40
	34,0 - 44,0	14,0	65	65	72,0	54,5	BSSC-10	40
34,0 - 44,0	18,0	65	65	72,0	54,5	BSSE-10	40	