

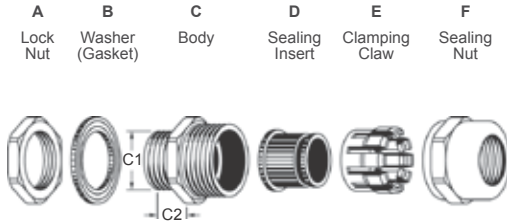
220-5014

Heat & Cold Resistant Stainless Steel Cable Glands

PATENTED

Metric

PG



- Thread Type : Metric and PG.
- Material Data : Standard in Stainless Steel A2 (DIN 1.4305 / AISI 303) for A.C.F parts ; Contact us for ordering Stainless Steel A4 (1.4404 / AISI 316L). Special heat resistance polyamide for E part ; Special heat & weather resistance rubbers for B.D parts.
- IP Protection : IP68 - 5 bar.
- Working Temp. : - 40 °C to 150 °C (- 40 °F to 302 °F) ; intermittent to approx. 180 °C (356 °F).
- Application : With the higher requirements for stability & severe temperature resistance under tough conditions, the higher strength & rustproof stainless steel with the special heat & cold resistant sealing rubber { well known for its excellent - 50 °C (- 58 °F) to 200 °C (392 °F) working temperature range } are adopted for building this tough cable gland to offering the best durability in severe weather, flame, chemical and high impact environments. In addition, the gland with AVC's perfect clamping design provides the outstanding strain relief force & watertight performance over the entire cable range to be the unmatched long life cable entry system for outdoor / indoor applications in the specific requirements.
- * Contact us for designing & ordering different sealing hole patterns with varying diameters & other extended gland sizes. (Sealing Inserts are not sold separately)
- * AVC sealing inserts are available in split versions for mounting wires with pre-assembled terminals or connectors. (Minimum order quantity is required)
- * For product property & chemical resistance informations, please click here for reference.
- * The Washer (Gasket) and Lock Nut are all included in each cable gland, this saves additional ordering work and storage locations.

Seal Holes	Thread	Cat. No.	Cable Range mmφ	Thread O. D. C1 mm	Panel Mounting Hole mm	Thread Length C2 mm	Spanner Size A / F mm	Body Min. I. D. mm	Std. Pkg. pcs	
A TYPE	M12 X 1.5	MSA12 - 05 - SH	5.3 ~ 3	12	12 ~ 12.3	8	17 / 17	8	10	
		MSA12 - 08 - SH	7.8 ~ 4.5	12	12 ~ 12.3	8	17 / 17	8	10	
	M16 X 1.5	MSA16 - 06 - SH	7 ~ 4	16	16 ~ 16.3	9	22 / 22	10.5	10	
		MSA16 - 10 - SH	10 ~ 6	16	16 ~ 16.3	9	22 / 22	10.5	10	
	M20 X 1.5	MSA20M - 08 - ST - SH	8.8 ~ 5	20	20 ~ 20.3	6	24 / 24	12.5	10	
		MSA20M - 08 - SH	8.8 ~ 5	20	20 ~ 20.3	9.5	24 / 24	12.5	10	
		MSA20M - 08 - LT - SH	8.8 ~ 5	20	20 ~ 20.3	15	24 / 24	12.5	10	
		MSA20M - 11 - ST - SH	11.1 ~ 7	20	20 ~ 20.3	6	24 / 24	12.5	10	
		MSA20M - 11 - SH	11.1 ~ 7	20	20 ~ 20.3	9.5	24 / 24	12.5	10	
		MSA20M - 11 - LT - SH	11.1 ~ 7	20	20 ~ 20.3	15	24 / 24	12.5	10	
	M25 X 1.5	MSA25 - 13 - SH	14 ~ 9	20	20 ~ 20.3	9.5	26 / 26	14.5	10	
		MSA25 - 16 - SH	16 ~ 12	25	25 ~ 25.4	12	32 / 32	18.5	10	
	M32 X 1.5	MSA25 - 18 - SH	18 ~ 14	25	25 ~ 25.4	12	32 / 32	18.5	10	
		MSA32 - 22 - SH	22 ~ 16	32	32 ~ 32.4	12.5	41 / 41	25	10	
	PG TYPE	PG 7	PSA7 - 05 - SH	5.3 ~ 3	12.5	12.5 ~ 12.8	8	17 / 17	8.5	10
			PSA7 - 08 - SH	7.8 ~ 4.5	12.5	12.5 ~ 12.8	8	17 / 17	8.5	10
PG 11		PSA11 - 06 - SH	7 ~ 4	18.6	18.6 ~ 18.9	9	22 / 22	10.5	10	
		PSA11 - 10 - SH	10 ~ 6	18.6	18.6 ~ 18.9	9	22 / 22	10.5	10	
PG 13.5		PSA13.5 - 08 - ST - SH	8.8 ~ 5	20.4	20.4 ~ 20.7	6	24 / 24	12.5	10	
		PSA13.5 - 08 - SH	8.8 ~ 5	20.4	20.4 ~ 20.7	9.5	24 / 24	12.5	10	
		PSA13.5 - 08 - LT - SH	8.8 ~ 5	20.4	20.4 ~ 20.7	15	24 / 24	12.5	10	
		PSA13.5 - 11 - ST - SH	11.1 ~ 7	20.4	20.4 ~ 20.7	6	24 / 24	12.5	10	
		PSA13.5 - 11 - SH	11.1 ~ 7	20.4	20.4 ~ 20.7	9.5	24 / 24	12.5	10	
		PSA13.5 - 11 - LT - SH	11.1 ~ 7	20.4	20.4 ~ 20.7	15	24 / 24	12.5	10	
PG 16		PSA16 - 13 - SH	14 ~ 9	22.5	22.5 ~ 22.8	9.5	26 / 26	14.5	10	
PG 21		PSA21 - 16 - SH	16 ~ 12	28.3	28.3 ~ 28.7	12	32 / 32	18.5	10	
	PSA21 - 18 - SH	18 ~ 14	28.3	28.3 ~ 28.7	12	32 / 32	18.5	10		
PG 29	PSA29 - 22 - SH	22 ~ 16	37	37 ~ 37.4	12.5	41 / 41	25	10		
	PSA29 - 25 - SH	25 ~ 18	37	37 ~ 37.4	12.5	41 / 41	25	10		

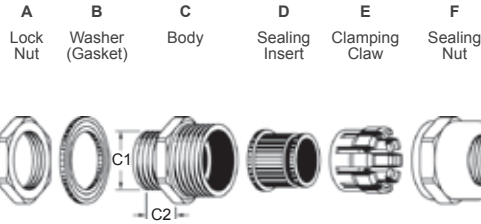
220-5014

Heat & Cold Resistant Stainless Steel Cable Glands

PATENTED

G (PF)

NPT



Highest Durability
Chemical / Heat / Cold Resistant



- Thread Type : G (PF) and NPT (Without lock nut) .
- Material Data : Standard in Stainless Steel A2 (DIN 1.4305 / AISI 303) for A.C.F parts ; Contact us for ordering Stainless Steel A4 (1.4404 / AISI 316L). Special heat resistance polyamide for E part ; Special heat & weather resistance rubbers for B.D parts.
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- * For product property & chemical resistance informations, please click here for reference.

Seal Holes	Thread	Cat. No.	Cable Range mmφ	Thread O. D. C1 mm	Panel Mounting Hole mm	Thread Length C2 mm	Spanner Size A / F mm	Body Min. I. D. mm	Std. Pkg. pcs	
A TYPE	G (PF)	FSA13 - 05 - SH	5.3 ~ 3	13.157	13.2 ~ 13.4	8	17 / 17	8.5	10	
		FSA13 - 08 - SH	7.8 ~ 4.5	13.157	13.2 ~ 13.4	8	17 / 17	8.5	10	
		FSA17 - 06 - SH	7 ~ 4	16.662	16.7 ~ 16.9	9	22 / 22	10.5	10	
		FSA17 - 10 - SH	10 ~ 6	16.662	16.7 ~ 16.9	9	22 / 22	10.5	10	
		FSA21M - 08 - ST - SH	8.8 ~ 5	20.955	21 ~ 21.2	6	24 / 24	12.5	10	
		FSA21M - 08 - SH	8.8 ~ 5	20.955	21 ~ 21.2	9.5	24 / 24	12.5	10	
		FSA21M - 08 - LT - SH	8.8 ~ 5	20.955	21 ~ 21.2	15	24 / 24	12.5	10	
		FSA21M - 11 - ST - SH	11.1 ~ 7	20.955	21 ~ 21.2	6	24 / 24	12.5	10	
		FSA21M - 11 - SH	11.1 ~ 7	20.955	21 ~ 21.2	9.5	24 / 24	12.5	10	
		FSA21M - 11 - LT - SH	11.1 ~ 7	20.955	21 ~ 21.2	15	24 / 24	12.5	10	
		FSA21 - 13 - SH	14 ~ 9	20.955	21 ~ 21.2	9.5	26 / 26	14.5	10	
		FSA26 - 16 - SH	16 ~ 12	26.441	26.5 ~ 26.8	12	32 / 32	18.5	10	
		FSA26 - 18 - SH	18 ~ 14	26.441	26.5 ~ 26.8	12	32 / 32	18.5	10	
		FSA33 - 22 - SH	22 ~ 16	33.249	33.3 ~ 33.6	12.5	41 / 41	25	10	
	FSA33 - 25 - SH	25 ~ 18	33.249	33.3 ~ 33.6	12.5	41 / 41	25	10		
	NPT	NPT 3/8	NSA17 - 06 - SH	7 ~ 4	17.055	-	13	22 / 22	10.5	10
			NSA17 - 10 - SH	10 ~ 6	17.055	-	13	22 / 22	10.5	10
		NPT 1/2	NSA21M - 08 - ST - SH	8.8 ~ 5	21.223	-	9.5	24 / 24	11.5	10
			NSA21M - 08 - SH	8.8 ~ 5	21.223	-	13	24 / 24	11.5	10
			NSA21M - 08 - LT - SH	8.8 ~ 5	21.223	-	15	24 / 24	11.5	10
NSA21M - 11 - ST - SH			11.1 ~ 7	21.223	-	9.5	24 / 24	11.5	10	
NSA21M - 11 - SH			11.1 ~ 7	21.223	-	13	24 / 24	11.5	10	
NSA21M - 11 - LT - SH			11.1 ~ 7	21.223	-	15	24 / 24	11.5	10	
NPT 3/4		NSA21 - 13 - SH	14 ~ 9	21.223	-	13	26 / 26	14.5	10	
		NSA26 - 16 - SH	16 ~ 12	26.568	-	14	32 / 32	18.5	10	
	NSA26 - 18 - SH	18 ~ 14	26.568	-	14	32 / 32	18.5	10		
	NSA33 - 22 - SH	22 ~ 16	33.227	-	15	41 / 41	25	10		
NPT 1	NSA33 - 25 - SH	25 ~ 18	33.227	-	15	41 / 41	25	10		