

Coi Tech SLKL-H Datasheet

The SLK Series is a direct loaded full lift open discharge safety valve, manufactured with high quality materials which comply with the strictest international standards.

CHARACTERISTICS

SIZE	1/4"	3/8" & 1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
ORIFICE \varnothing (mm)	8	10	14	18	25	30	38
DISCHARGE AREA (cm ²)	0.502	0.785	1.54	2.54	4.91	7.06	11.34
PRESSURE RANGE (Barg)	0.5 - 35	0.5 - 35	0.5 - 35	0.5 - 35	0.5 - 35	0.5 - 35	0.5 - 35

INLET CONNECTIONS

THREADED	1/4" - 2"	BSP
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OUTLET CONNECTION

FREE EXHAUST

MATERIALS

BODY	BRASS (1/4" TO 3/4") STAINLESS STEEL (1" TO 2")
NOZZLE	BRASS
DISC	BRASS WITH VITON SEAL
SPRING	C85



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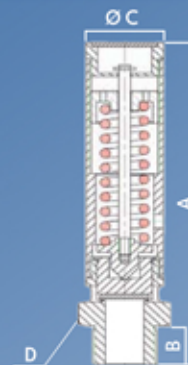
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Coi Tech SLKL-H Datasheet

Type "H" - Size 1/4"

CHARACTERISTICS	
ORIFICE DIAMETER	8 mm
ORIFICE AREA	0.502 cm ²
INLET CONNECTION	1/4"
OUTLET CONNECTION	Free Exhaust
SETTING RANGE (Barg)	0.5 - 35
DISCHARGE COEFFICIENT (Kd)	0.846 (Gas)
LIFT TO DISCHARGE PRESSURE	3.5 mm
OVERPRESSURE	10%
BLOWDOWN	15%
TEMPERATURE RANGE	-20°C / +200°C
FLUIDS	Gas

DIMENSIONS (MM)	
A	70
B	12
C	20
D	20



Type "H" - Sizes 3/8" & 1/2"

CHARACTERISTICS	
ORIFICE DIAMETER	10 mm
ORIFICE AREA	0.785 cm ²
INLET CONNECTION	3/8" - 1/2"
OUTLET CONNECTION	Free Exhaust
SETTING RANGE (Barg)	0.5 - 35
DISCHARGE COEFFICIENT (Kd)	0.846 (Gas)
LIFT TO DISCHARGE PRESSURE	4.5 mm
OVERPRESSURE	10%
BLOWDOWN	15%
TEMPERATURE RANGE	-20°C / +200°C
FLUIDS	Gas

DIMENSIONS (MM)	
A	106
B	12
C	22.5
D	24



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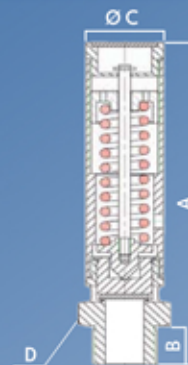
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Coi Tech SLKL-H Datasheet

Type "H" - Size 3/4"

CHARACTERISTICS	
ORIFICE DIAMETER	14 mm
ORIFICE AREA	1.54 cm ²
INLET CONNECTION	3/4"
OUTLET CONNECTION	Free Exhaust
SETTING RANGE (Barg)	0.5 - 35
DISCHARGE COEFFICIENT (Kd)	0.846 (Gas)
LIFT TO DISCHARGE PRESSURE	6.5 mm
OVERPRESSURE	10%
BLOWDOWN	15%
TEMPERATURE RANGE	-20°C / +200°C
FLUIDS	Gas

DIMENSIONS (MM)	
A	132
B	15
C	30
D	32



Type "H" - Size 1"

CHARACTERISTICS	
ORIFICE DIAMETER	18 mm
ORIFICE AREA	2.54 cm ²
INLET CONNECTION	1"
OUTLET CONNECTION	Free Exhaust
SETTING RANGE (Barg)	0.5 - 35
DISCHARGE COEFFICIENT (Kd)	0.846 (Gas)
LIFT TO DISCHARGE PRESSURE	8 mm
OVERPRESSURE	10%
BLOWDOWN	15%
TEMPERATURE RANGE	-20°C / +200°C
FLUIDS	Gas

DIMENSIONS (MM)	
A	181
B	20
C	40
D	41



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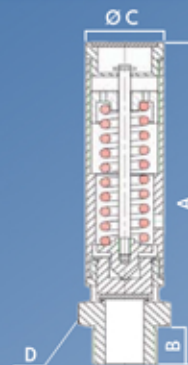
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Coi Tech SLKL-H Datasheet

Type "H" - Size 1.1/4"

CHARACTERISTICS	
ORIFICE DIAMETER	25 mm
ORIFICE AREA	4.91 cm ²
INLET CONNECTION	1.1/4"
OUTLET CONNECTION	Free Exhaust
SETTING RANGE (Barg)	0.5 - 35
DISCHARGE COEFFICIENT (Kd)	0.846 (Gas)
LIFT TO DISCHARGE PRESSURE	11.5 mm
OVERPRESSURE	10%
BLOWDOWN	15%
TEMPERATURE RANGE	-20°C / +200°C
FLUIDS	Gas

DIMENSIONS (MM)	
A	237
B	23
C	60
D	60



Type "H" - Size 1.1/2"

CHARACTERISTICS	
ORIFICE DIAMETER	30 mm
ORIFICE AREA	7.06 cm ²
INLET CONNECTION	1.1/2"
OUTLET CONNECTION	Free Exhaust
SETTING RANGE (Barg)	0.5 - 35
DISCHARGE COEFFICIENT (Kd)	0.846 (Gas)
LIFT TO DISCHARGE PRESSURE	13.5 mm
OVERPRESSURE	10%
BLOWDOWN	15%
TEMPERATURE RANGE	-20°C / +200°C
FLUIDS	Gas

DIMENSIONS (MM)	
A	262
B	25
C	60
D	60



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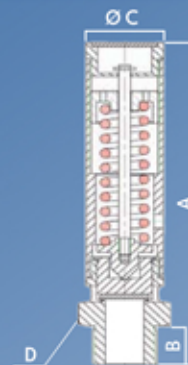
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Coi Tech SLKL-H Datasheet

Type "H" - Size 2"

CHARACTERISTICS	
ORIFICE DIAMETER	38 mm
ORIFICE AREA	11.34 cm ²
INLET CONNECTION	2"
OUTLET CONNECTION	Free Exhaust
SETTING RANGE (Barg)	0.5 - 35
DISCHARGE COEFFICIENT (Kd)	0.846 (Gas)
LIFT TO DISCHARGE PRESSURE	17 mm
OVERPRESSURE	10%
BLOWDOWN	15%
TEMPERATURE RANGE	-20°C / +200°C
FLUIDS	Gas

DIMENSIONS (MM)	
A	280
B	25
C	70
D	70



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