

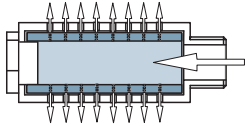
SIL GV. SIL K -- C

Diffuser Type Silencers, Through-type Silencers



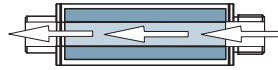
From when it was founded, COVAL has always given particular attention to reducing the noise of vacuum pumps and improving their performance.

Often copied, never equalled, the acoustic performance of COVAL vacuum pumps stems from the inside shape of the venturi system and the innovative design of the hit-tech soundproof materials used for the silencers.



Diffuser type silencer

- Very good noise reduction
- Air output gently diffused.



Through-type silencer

- Noise reduction mastered.
- No clogging.
- No pressure loss.

SIL GV series diffuser-type silencers

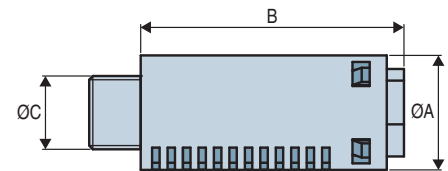
Noise reduction by breaking up the air jet in a baffle inside the diffuser. Passage of air through a soundproof material.



Characteristics

Models	ØA	B	ØC	Weight (g)	Medium-level noise reduction (dBA)
SIL GV 10 M5 F	18	36	M5-F	5	30
SIL GV 10	18	36	G1/8"-M	5	30
SIL GV 15	20	46	G1/4"-M	10	35
SIL GV 20	30	62	G1/2"-M	29	39

Note: all dimensions are shown in (mm)



Specifications

Material	POM (Polyoxymethylene) + interior: Textile soundproof material
Temperature	-10 to 50 °C

SIL K -- C series through-type silencers

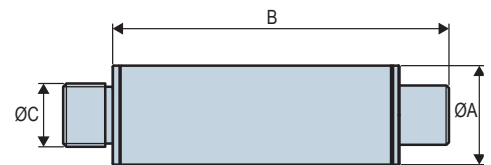
- Noise absorbed laterally by soundproof material.
- Free output without pressure loss or clogging.



Characteristics

Models	ØA	B	ØC	Weight (g)	Medium-level noise reduction (dBA)	Materials
SIL K 18 C	20	68	G1/8"-M	22	33	thread: aluminum
SIL K 14 C	20	68	G1/4"-M	25	31	tube: PA6, 30% GF
SIL K 38 C	30	121	G3/8"-M	90	33	polycarbonate, 15% GF
SIL K 12 C	30	121	G1/2"-M	92	33	
SIL K 12 CS	30	54	G1/2"-M	61	28	

Note: all dimensions are shown in (mm)



Specifications

Material	Anodised aluminium and black Polyamide or Polycarbonate (according to Ø) interior: Textile soundproof material
Temperature	-10 to 50 °C

Special:

COVAL develops tailor-made through-type silencers according to specifications, male or female fitting, length, diameter, characteristics on request.