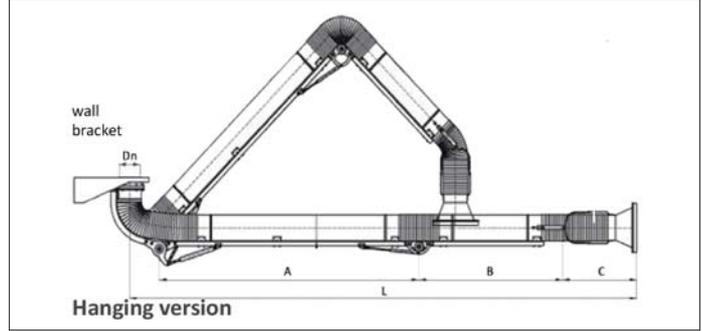


**YOGEX - ATEX Extraction arms**



**YOGEX - Extraction arms**

The YOGEX extraction arms are designed for capturing the dust and gases arising during technological processes, in areas of explosion risk, where explosive atmosphere can occur, as a mixture of flammable substances in form of dust or gases in the air. YOGEX extraction arms are classified as devices of group II, category 2, for gaseous risk G and dust risk D.

The devices guarantee high level of protection therefore they can be applied in areas 1(G) or 21(D). Admissible temperature of the transported air is +70°C.

**Earthing**

All the steel elements are joined together by copper wires that ensure the conductivity of the whole and conduct the electrostatic discharges to the grounding of the installation with a superficial resistance <math><10^6 \Omega</math>.

These extraction arms are produced according to the following harmonized directives/standards :

- 2006/42/EC ; Machine directives
- 2014/34/EC ; ATEX directives
- EN ISO 12100-1:2012
- EN ISO 80079-36:2016-07
- EN ISO 80079-37:2016-07
- EN 1127-1:2011
- EN 13463-1:2010
- EN 13463-5:2012
- E-05200:1992

**Material**

AISI 304 (1.4301) pipe elements and structure, conductive PU hoses, Bolts, washers and rivets are A2 material according to PN-EN ISO 7089.

**Structure**

Full-rotation stainless steel swivel with stainless steel shut-off damper, Two stainless steel pipe segments with textolite frictional spacers joints, Conductive polyurethane hose sections with steel wire spiral, stainless steel gas springs.

**Accessories**

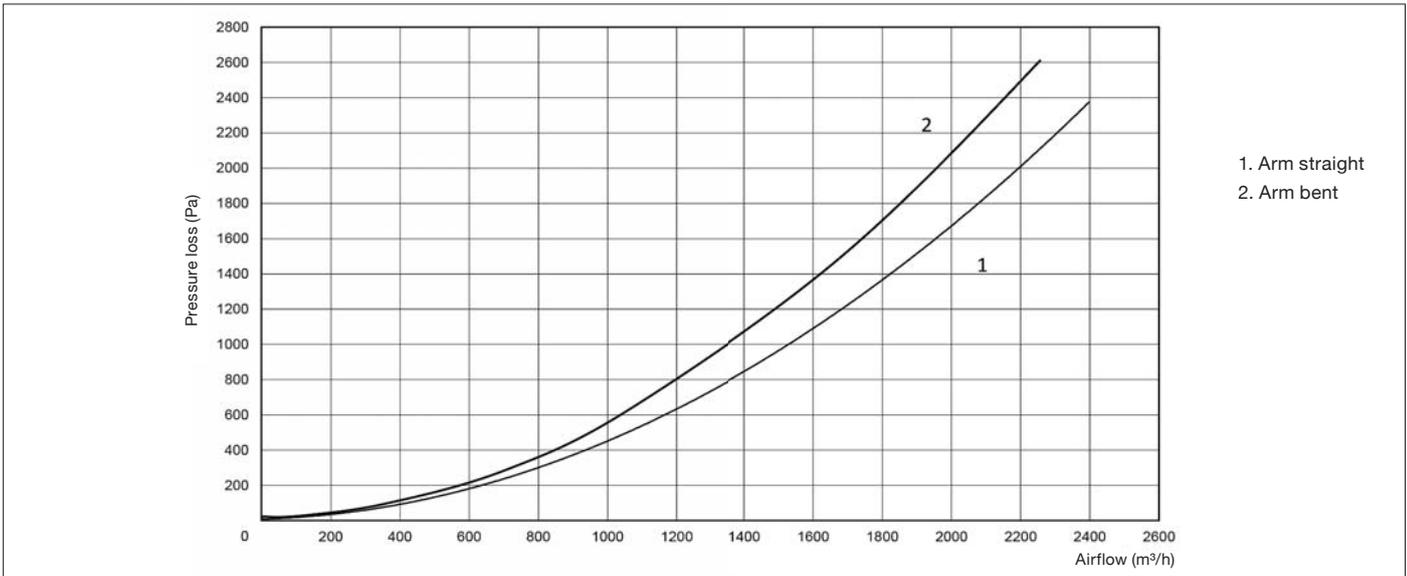
- Other suction hoods
- Wall bracket

**!** YOGEX extraction arms are manufactured according to the ATEX 95 (2014/34/EC) directive and carry the Research Certificate No 737/Cw/001 issued by the Technical Supervision Office.

Model	Code	Dn (mm)	L (mm)	A (mm)	B (mm)	C (mm)	Weight (kg)
YOGEX-L/2	KAAD000001	160	2280	947	580	534	22.5
YOGEX-L/3	KAAD000002	160	3100	1527	820	534	25.5
YOGEX-L/4	KAAD000003	160	3710	1907	1050	534	28.0

**YOGEX - ATEX Extraction arms**

**Pressure loss on extraction arm type YOGEX**



1. Arm straight  
2. Arm bent



**Coupling ferrule with flange**

Coupling ferrule with flange to connect a flexible hose, or ducting to the wall support.

**Material**  
AISI 304 (1.4301)

For model	Code	Dn (mm)	S (mm)	Weight (kg)
YOGEX-L	KAZX000004	160	6 x Ø6.5 on Ø160	0.7

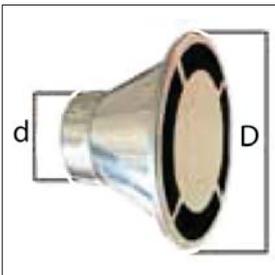


**Wall support**

Wall support to mount extraction arm directly on a wall or structure.

**Material**  
AISI 304 (1.4301)

For model	Code	Dn (mm)	S (mm)	Weight (kg)
YOGEX-L	KAZA000005	125	250	3.0



**Suction hood**

Standard model

**Material**  
AISI 304 (1.4301)

For model	Code	d (mm)	D (mm)	H (mm)	Weight (kg)
YOGEX-L	KAZC	330	100	109	1.3