

DK-EX 30/T

- explosion-proof (ATEX)
- high sound pressure level
- IP66



0123

ATEX / IECEx certified

Hersteller: Hongkong Koon Technology Ltd.,
Shenzhen, China

Importeur: ic audio GmbH, Boehringerstraße 14a,
68307 Mannheim, Germany

CE-Kennzeichnung gemäß Richtlinie 2014/34/EU
(ATEX)



The 30W DK-EX 30/T horn loudspeaker has been specially developed for potentially explosive atmospheres and is certified in accordance with ATEX and IECEx for use in Zones 1 and 2 (gas) and 21 and 22 (dust). It is ideally suited for use in chemical plants, biogas plants, paint shops and grain silos.

The loudspeaker is equipped with a 100V transformer with 4 power taps. The antistatic polyamide housing in RAL 9005 ensures long-lasting stability. With its IP66 rating, the loudspeaker is protected against environmental influences and is designed to operate at temperatures from -40 to +55 °C.

Connection is made via a WAGO 264 terminal block and an Ex cable gland, whilst the stainless steel mounting bracket enables quick and straightforward installation.

Product	DK-EX 30/T
Article No	20269280

Acoustics

Power	30/15/10/5 W
Frequency Range	600 - 10.000 Hz
SPL Pmax/1m, peak	119 dB
SPL IEC268-5, 1W/1m	104 dB
Dispersion -6dB, 1KHz	158° h/v
Dispersion -6dB, 4KHz	33° h/v

ATEX (EU)

Certificate	TPS 21 ATEX 106679 0002 X
Gas labelling	II 2G Ex db eb IIC T6 Gb
Dust labelling	II 2D Ex tb IIIC T85°C Db
Norms	EN IEC 60079-0, EN 60079-1, EN IEC 60079-7, EN 60079-31

IECEx (International)

Certificate	IECEx TPS 21.0034X
Gas labelling	Ex db eb IIC T5 Gb
Dust labelling	Ex tb IIIC T100°C Db
Norms	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

Connections and Housing

Connector	WAGO 264 connector
Terminal Diameter	1,8 mm
Maximum Cable Passage	2,5 mm ²
Temperature Range	-40 / + 55 °C
Dimensions	250x353 mm
Weight (net)	3,7 kg
Housing	Anti-static polyamide
Colour	RAL 9005
Mounting	Mounting bracket
IP Rating	IP66

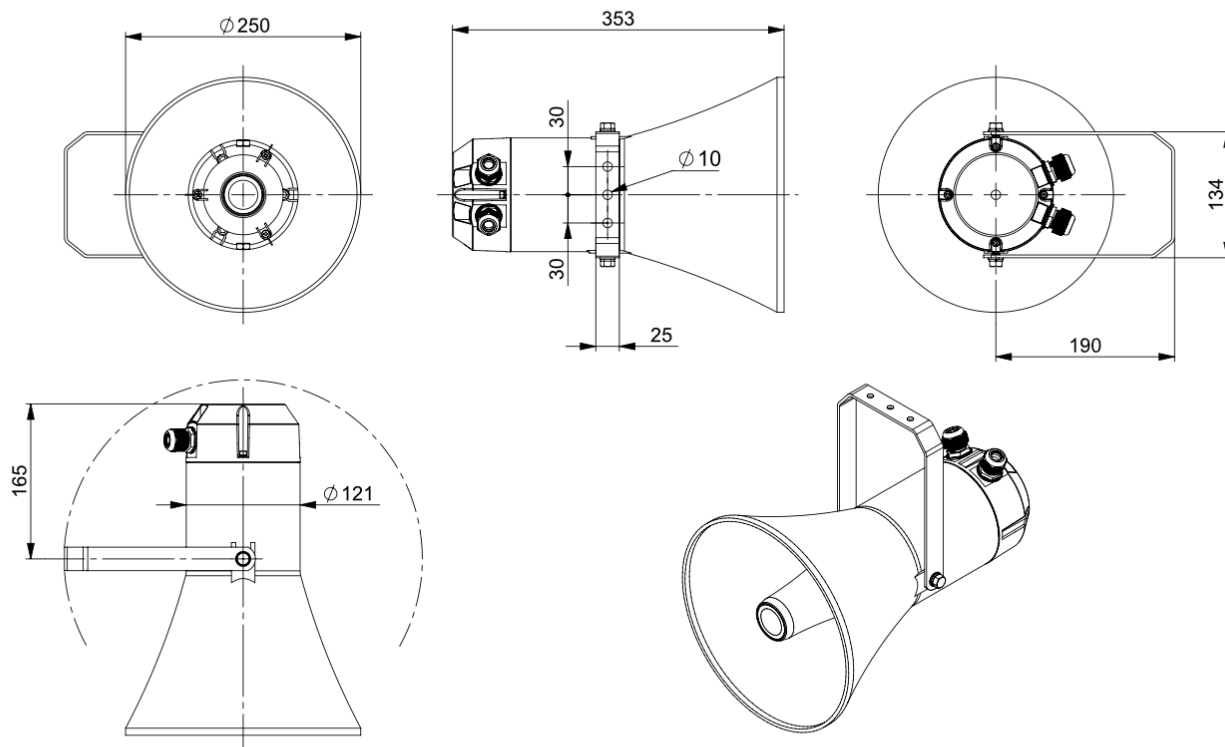
Product Attributes



Technical Drawing



DK-EX 30/T



all dimensions are in mm

ic audio loudspeakers are tested and classified according to the IEC standard 60529 (degree of protection by enclosure) against the penetration of foreign objects and moisture. The classification is conforming to standards through characterization with a fixed code. This code consists of the letters IP (International Protection) followed by two digits. The first digit indicates the degree of protection against dust and the second digit the degree of protection against water. Please note that the testing of the products has been carried out in laboratory conditions which are not always 100% comparable with the conditions of different installation environments. This protection can be reduced due to normal wear and tear depending on the installation environment.

The IP66 protection rating was confirmed as part of the Ex certification carried out by TÜV SÜD in accordance with EN IEC 60079-0.

Installation note: Install in accordance with EN/IEC 60079-14. Do not open the unit in a potentially explosive atmosphere. Repairs to flame-proof joints are not permitted. Install only in locations with low mechanical risk or where additional mechanical protection is provided.



Article No: 20269280

Packing Unit: 2

