



DK-EX 30/T

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

ATEX / IECEx certified

0123

Manufacturer: Hongkong Koon Technology Ltd., Shenzhen, China

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

CE marking in accordance with Directive 2014/34/EU (ATEX)

The 30 W DK-EX 30/T compression horn loudspeaker has been specially developed for hazardous areas and is ATEX and IECEx certified for use in Zones 1 and 2 (gas) as well as 21 and 22 (dust). Typical applications include chemical plants, biogas plants, paint shops and grain silos.

With a maximum sound pressure level of 119 dB and a sensitivity of 104 dB (1 W/1 m), the horn loudspeaker delivers clearly audible announcements and alarm signals, even in noisy industrial environments. The integrated transformer offers four power taps (5, 10, 15 and 30 W), so the volume can be adjusted to suit every location.

The antistatic polyamide housing in RAL 9005 is protected against dust and powerful water jets to IP66 and is designed for ambient temperatures from -40 to +55 °C. The terminal compartment is designed in increased safety, while the driver sits in a flameproof enclosure.

Connection is via a WAGO terminal strip (264 series) and an Ex cable gland. A factory-wired connection for protective earth and equipotential bonding links all conductive housing parts to the terminal strip and allows simple, standard-compliant integration into the equipotential bonding of the installation. The stainless steel mounting bracket allows quick and easy 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 60079-0:2018, EN 60079-1:2014, EN IEC 60079-7:2015+A1:2018, EN 60079-31:2014

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 60079-0:2017, IEC 60079-1:2014, IEC 60079-7:2017, IEC 60079-31:2013

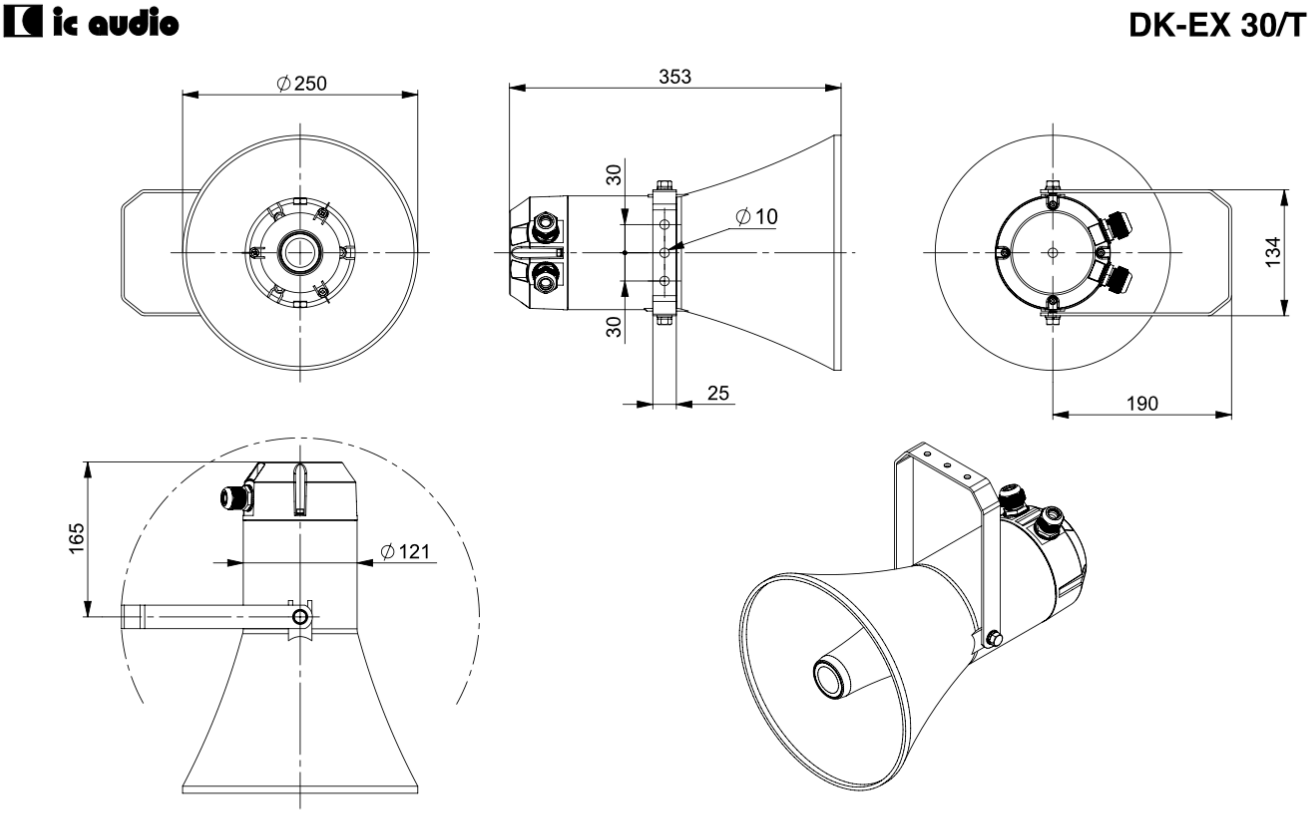
Connections and Housing

Connector	WAGO 264 connector
Terminal Diameter	1,8 mm
Maximum Cable Passage	2,5 mm²
Ambient temperature (Ta)	-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



all dimensions are in mm

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