

Catalog Card

Horn loudspeaker

TYPE-BM



Sat-System Sp. z o.o.
Ul. Stanisława Staszica 47
05-092 Łomianki
E-mail:
sales@railway-systems.eu
office@railway-systems.eu



ISO 9001:2015



IST/TS 22163:2017



AQAP 2110:2016



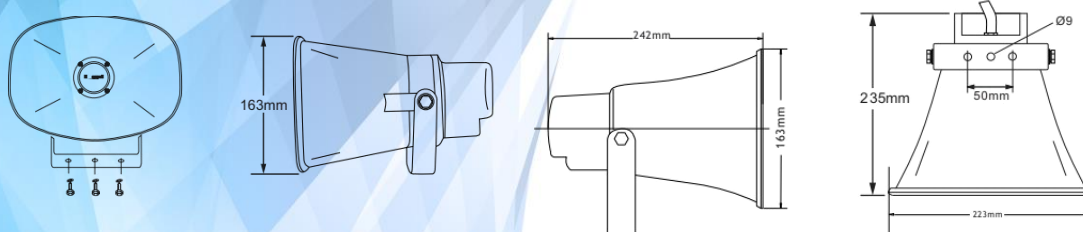
Świadectwo
Bezpieczeństwa
Przemysłowego



Koncesja
MSWiA

PURPOSE, DEVICE CHARACTERISTICS

The TYP-BK external horn loudspeaker is a modern and effective horn loudspeaker with an oval shape. It has been designed to process voice messages or background music indoors or outdoors. It has a high degree of protection IP 66. It is equipped with a convenient, both for the installer and user, power tap regulator at the back of the housing. Power adjustment is possible in the range of 20/15/10/5 W. The loudspeaker has a 100 V transformer



TECHNICAL DATE

Technical parameters	
Nominal power	20 W
Frequency range	250Hz – 7000Hz
Transformer type	100V 20/15/10/5 W
Dimensions (mm)	Ø223x242 mm
Libra	1,33kg
SPL 1W/1m	106 dB
SPL Pmax/1m	117 dB
Emission angle -6 dB, 1000 Hz	horizontal: 70° vertical: 100°
Connector	cord with power control on the back of the speaker
Material	ABS, metal handle
Color	white
Level of security	IP 66
VPE	12

COMPLIANCE WITH STANDARDS

Test name	Number and title of the standard	Requirements
Cold resistance	PN-EN 60068-2-1:2009 Research environmental. Part 2-1:Trials. Trial A: Cold	Category B speakers: Sharpness: -25 oC
Resistance to dry heat	PN-EN 60068-2-2:2009 Research environmental. Part 2-2:Trials. Test B: Dry heat	Category B speakers: Sharpness: +55oC
Damp heat resistance cyclical	PN-EN 60068-2-30:2008Environmental research. Hi2-30: Trials. DB test:Moist hot cyclical	Category B speakers: Sharpness: +55oC Humidity: 95%
Vibration resistance sinusoidal	PN-EN 60068-2-27:2009 Environmental research. Hi2-27: Trials. Trial of Ea: Strokes	Category B speakers: Impact accelerations: 2gShock duration: 11ms
Checking the degree of protection IP	PN-EN 60529:2003/A2:2014-07Degrees of protection providedby enclosures (IP code)IP65	IP65
Checking the degree of protection IK	PN-EN 50102:2001 Degrees external protection mechanical impacts provided by the housing electrical devices (code IK)	IK07