



- Loudspeaker: Directional/max. 121 dB(A)
- Type of protection: Ex d with Ex e connection chamber
- Class: IP66/67 (IEC 60529)
- Corrosion-resistant polyamide enclosure
- Including stainless steel fixings

**MY R. STAHL 8494A**



**The 8494 product series** is a range of 25 W or 15 W loudspeakers designed for use in hazardous and harsh environments. These are unique as they are constructed using antistatic polyamide which provides a lightweight, robust, corrosion-resistant enclosure. For ultimate flexibility, wattage, impedance and transformer variants with 25, 15, 6.5, 5, 2.5 and 1.5 W connections are available.

The variant with the short trumpet comes in a compact enclosure and provides wide sound distribution.

The variant with the long trumpet provides an increased sound pressure level and improved audibility.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in	•	•		•	•	

	NEC® 500 CE Code Appendix J					
Division	Class I	2	1	2	1	2
Installation in	•	•	•	•		

	CE Code Section 18 NEC® 505					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table						
Flare size Sound pressure level	Long trumpet max. 118 dB(A) @ 1 m					
Figure	Impedance					
	8 Ω 20 Ω –					
Flare size Sound pressure level	Short trumpet max. 115 dB(A) @ 1 m					
Figure	Impedance					
	8 Ω 20 Ω –					

Technical Data	
Explosion Protection	
IECEx gas explosion protection	Ex de mb IIC T4 Gb
IECEx dust explosion protection	Ex tb IIIC T105 °C Db
ATEX gas explosion protection	Ex II 2 G Ex de mb IIC T4 Gb
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T105 °C Db
Certificates	ATEX (PRE), Canada / USA (LC), IECEx (PRE)

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## Technical Data

Electrical Data	
Power	25 W
Frequency range	450 – 6000 Hz
Ambient Conditions	
Ambient temperature °C	-50 – 60 °C
Mechanical Data	
Degree of protection (IP) (IEC 60529)	IP66/IP67
Enclosure material	Polyamide, antistatic
Enclosure colour	Black
Trumpet material	Polyamide, antistatic
Max. solid connection terminals	4 mm <sup>2</sup>
Max. finely stranded connection terminals	4 mm <sup>2</sup>
Mounting / Installation	
Mounting part material	Polyamide, antistatic
Connection type	Spring clamp terminal
Components	
Drilled holes	2 x M20
Cable glands and entries	can be ordered as an accessory
Stopping plugs	2 x dust cap

You can find more technical data online at [r-stahl.com](http://r-stahl.com). MY R. STAHL 8494A

## Accessories

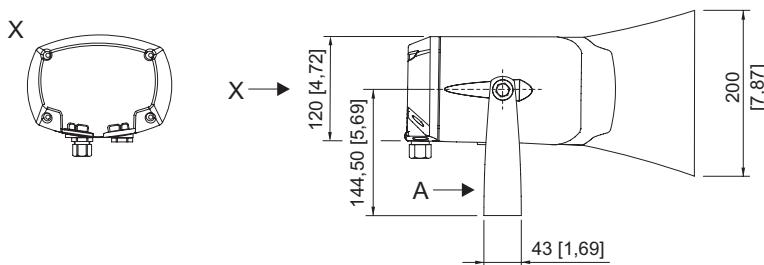
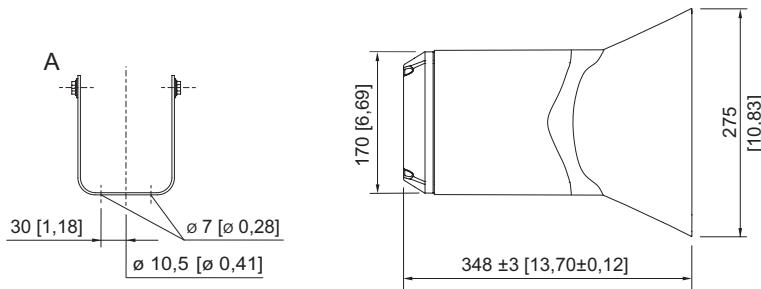
Figure	Description	Art. No.	Weight
Plastic cable gland	 8161/7-M20-1304, Ex e Polyamide, M20 x 1,5 mm, 4 – 13 mm Lot size 50 pieces	239156	10 g
Stopping plug	 8290/3-M20 Plastic, M20 x 1.5 Lot size 1 piece	143522	7 g
	8290/3-M20 Plastic, M20 x 1.5 Lot size 100 pieces	285773	500 g

Stainless steel bracket available on request.

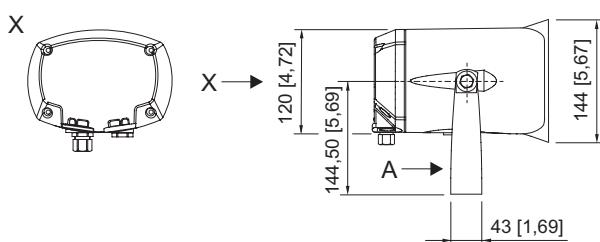
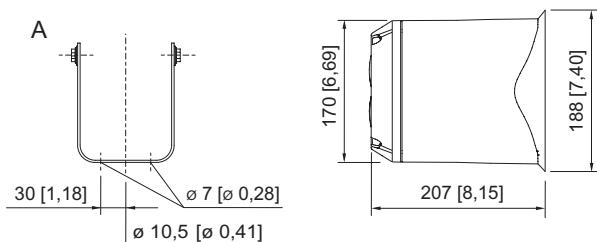
\*) Purchase order quantity in [no. of units]; the delivery quantity is automatically rounded to the delivery lot.

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

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Hazardous area loudspeaker – long trumpet  
Bracket (A) supplied as standard



Hazardous area loudspeaker – short trumpet  
Bracket (A) supplied as standard