

Industrial Horn Loudspeakers

Series 8495



www.stahl.de



17855E00

- > Wattage options
10, 15, 20, 25 and 30 W
- > Low impedance options
- > Line voltage options
50, 70, 100 and 110 V
- > Extreme temperature range
- > Degree of protection
IP66 and IP67
- > Light weight compact design
- > Suitable for outdoor use
- > Supplied with mounting bracket
- > Easy installation



E5

Series 8495 is a range of horn loudspeakers for public address systems, general annunciation and a variety of safety related applications. Constructed from a range of proven in use materials each variant of 8495 offers industry leading performance and is ideally suited for heavy industrial, marine and commercial environments.

Approvals

Certificates		2004/108/EC 92/31/EEC 2006/95/EC 2011/65/EU
--------------	--	--







WebCode 8495A

Industrial Horn Loudspeakers

Series 8495



Technical Data

Design	8495/11-...-...	8495/12-...-...	8495/13-...-...	8495/14-...-...	8495/15-...-...	8495/16-...-...
						
	17664E00	17665E00	17666E00	17666E00	17672E00	17668E00
Acoustic data						
Rated power	10 W	15 W	20 W	30 W	25 W	15 W
Max. power	15 W	20 W	25 W	40 W	25 W	20 W
Sound pressure level						
at 1 W / 1 m	107 dB	108 dB	110 dB	110 dB	112 dB	106 dB
at rated power / 1 m	117 dB	118 dB	122 dB	124 dB	124 dB	117 dB
Frequency range	370 ... 12000 Hz	330 ... 8000 Hz	310 ... 8000 Hz	310 ... 8000 Hz	290 ... 11000 Hz	350 ... 11000 Hz
Dispersion (-6 dB)						
1 kHz / 4 kHz	150° / 45°	130° / 35°	115° / 30°	115° / 30°	140° / 40°	140° / 40°
Directivity factor, Q	--	8.3	9.3 (2 kHz)	9.3 (2 kHz)	3.8	1.8
Ambient conditions						
Operating temperature range	-50 ... +90 °C	-50 ... +90 °C	-50 ... +150 °C	-50 ... +150 °C	-50 ... +90 °C	-50 ... +90 °C
Mechanical data						
Cable entries	2 x M20 1 x cable gland M20 1 x stopping plug M20	2 x M20 1 x cable gland M20 1 x stopping plug M20	2 x M20 1 x cable gland M20 1 x stopping plug M20	2 x M20 1 x cable gland M20 1 x stopping plug M20	2 x M20 1 x cable gland M20 1 x stopping plug M20	2 x M20 1 x cable gland M20 1 x stopping plug M20
Material / Colour						
Enclosure	Ronfalin C110 (PC+ABS) / RAL 7035	ASA / RAL 7035	Polyamide / RAL 7035	Polyamide / RAL 7035	ASA / RAL 7035	ASA / RAL 7035
Flare	Ronfalin C110 (PC+ABS) / RAL 7035	ASA / RAL 7035	Polyamide / RAL 7035	Polyamide / RAL 7035	ASA / RAL 7035	ASA / RAL 7035
Bracket	Ronfalin C110 (PC+ABS) / RAL 7035	ASA / RAL 7035	Polyamide / RAL 7035	Polyamide / RAL 7035	ASA / RAL 7035	ASA / RAL 7035
Labels	Polyester foil	Polyester foil	Polyester foil	Polyester foil	Polyester foil	Polyester foil
External fixings	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Degree of protection	IP66 / IP67	IP66 / IP67	IP67	IP67	IP67	IP67
Mounting / Installation						
Mounting	via bracket	via bracket	via bracket	via bracket	via bracket	via bracket
Connection	Screw terminals	Screw terminals	Screw terminals	Screw terminals	Screw terminals	Screw terminals

Type code

Industrial horn loudspeakers Series 8495	Type code: please fill in fields			Order number							
	Variant	Option	Code	8495/	..	-	..	-	..	-	..
Product	10 W		11								
	15 W		12								
	20 W		13								
	30 W		14								
	25 W large termination		15								
	15 W large termination		16								
	Specification	R. STAHL standard		21							
Options	Low impedance 8 Ω		31								
	Low impedance 20 Ω		32								
	Transformer 50 V		34								
	Transformer 70 V		35								
	Transformer 100 V		36								
	Transformer 110 V		37								
Local certification	CE marked		00								

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.