

## W300-8

Visaton 30 cm (12") woofer 8 Ohm

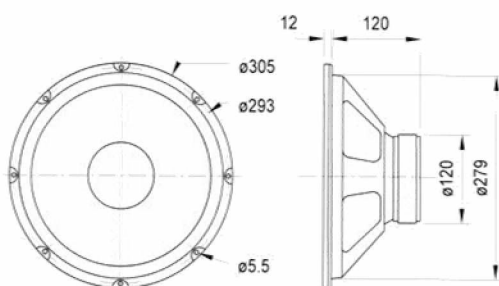


### General description

30 cm (12") woofer with air-dried cone and pressure vented pole piece. Can be fitted at front or rear. Excellent value for money coupled with very good power-handling capabilities. Particularly suitable as a replacement for HiFi speakers.

### Technical Data:

Nominal power handling	120 Watt
Peak power handling	180 Watt
Nominal impedance	8 Ohm
Frequency response (-10 dB)	fu - 2500 Hz
(fu: Lower cut-off frequency depending on cabinet)	.
Mean sound pressure level	91 dB (1W/1m)
Maximum cone displacement	28 mm
Resonance frequency fs	32 Hz
Magnetic induction	0,95 Tesla
Magnetic flux	1250 $\mu$ Weber
Height of front pole-plate	8 mm
Voice coil diameter	5 cm
Height of winding	1,8 cm
Cutout diameter	28 cm
Net weight	2,8 kg
D.C. resistance Rdc	6,9 Ohm
Mechanical Q factor Qms	2,85
Electrical Q factor Qes	0,68
Total Q factor Qts	0,55
Equivalent volume Vas	190 l
Effective piston area Sd	490 cm <sup>2</sup>
Dynamically moved mass Mms	43 g
Force factor BxI	9,44 T · m
Inductance of the voice coil L	1,77 mH



drawing

