

# FR8 (#2008)

## Technical Data:

Rated power	10 Watt
Maximum power	15 Watt
Nominal impedance	8 Ohm
Frequency response (-10 dB)	130 - 20000 Hz
Mean sound pressure level	86 dB (1W/1m)
Maximum cone displacement	4 mm
Resonance frequency $f_s$	150 Hz
Magnetic induction	1,4 Tesla
Magnetic flux	200 $\mu$ Weber
Height of front pole-plate	3 mm
Voice coil diameter	1,5 cm
Height of winding	0,5 cm
Cutout diameter	7,5 cm
Net weight	0,24 kg
D.C. resistance $R_{dc}$	7 Ohm
Mechanical Q factor $Q_{ms}$	5,5
Electrical Q factor $Q_{es}$	1,16
Total Q factor $Q_{ts}$	0,96
Equivalent volume $V_{as}$	0,67 l
Effective piston area $S_d$	30 cm <sup>2</sup>
Dynamically moved mass $M_{ms}$	1,7 g
Force factor $B \cdot l$	2,5 T · m
Inductance of the voice coil L	0,62 mH

