

# FR10 (#2020)

## Technical Data:

Rated power	20 Watt
Maximum power	30 Watt
Nominal impedance	4 Ohm
Frequency response (-10 dB)	80 - 20000 Hz
Mean sound pressure level	86 dB (1W/1m)
Maximum cone displacement	8 mm
Resonance frequency $f_s$	90 Hz
Magnetic induction	0,95 Tesla
Magnetic flux	180 $\mu$ Weber
Height of front pole-plate	3 mm
Voice coil diameter	2 cm
Height of winding	0,6 cm
Cutout diameter	10 cm
Net weight	0,38 kg
D.C. resistance $R_{dc}$	3,4 Ohm
Mechanical Q factor $Q_{ms}$	2,13
Electrical Q factor $Q_{es}$	0,77
Total Q factor $Q_{ts}$	0,56
Equivalent volume $V_{as}$	1,9 l
Effective piston area $S_d$	50 cm <sup>2</sup>
Dynamically moved mass $M_{ms}$	5,5 g
Force factor $B_{xl}$	3,72 T · m
Inductance of the voice coil L	0,35 mH

