

GRS 8FR-8

● loudspeakerdatabase.com/GRS/8FR-8

Full-range



Size

8 "

RMS Power

60 W

SPL

91 dB

Frequency range

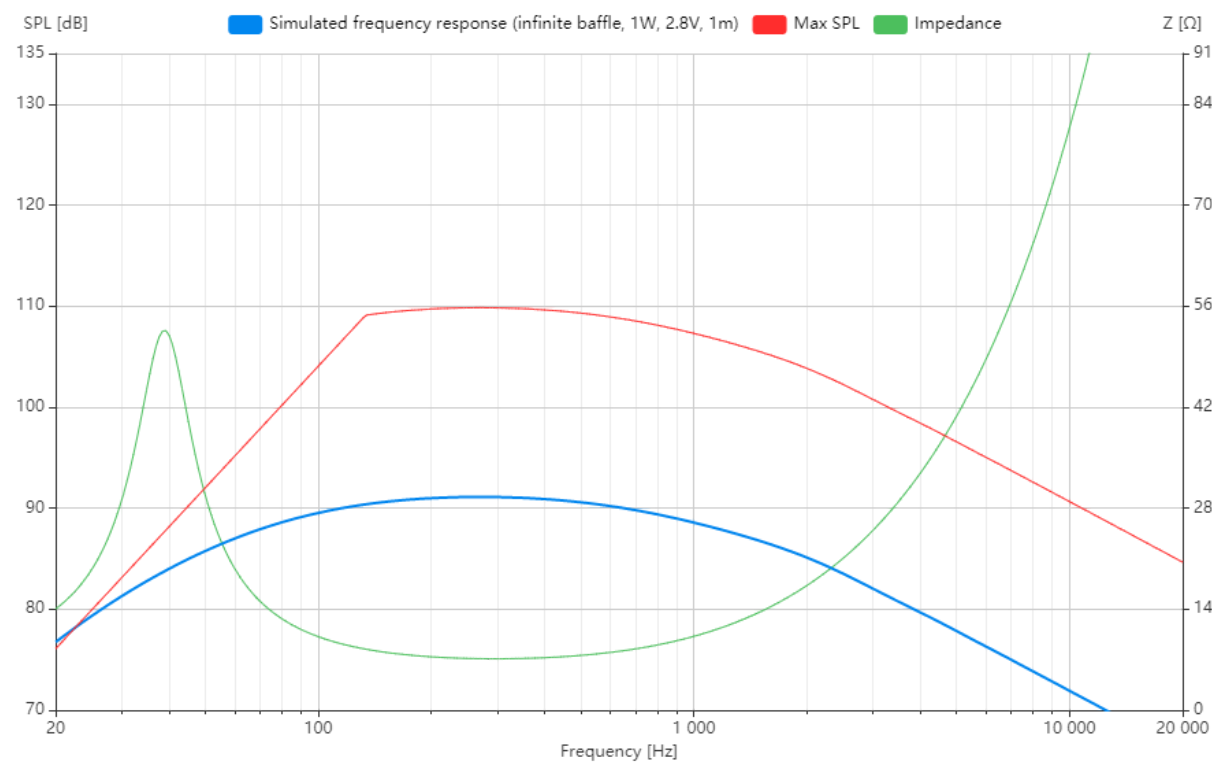
39 - 16000 Hz

Impedance

8 Ω

Parts Express	GRS 8FR-8 8" Full-Range Speaker Pioneer Type B20FU20-51FW	\$ 15.98
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f_s

39 Hz

Q_{TS}

0.40

V_{AS}

64 L

X_{max}

± 3 mm

Resonant frequency	f_s	39	Hz
Electrical Q	Q_{ES}	0.46	
Mechanical Q	Q_{MS}	2.94	
Total Q factor	Q_{TS}	0.40	
Suspension equivalent air volume	V_{AS}	64	litres
DC resistance	R_E	7.02	Ω
Voice coil inductance	L_E	1.28	mH
Maximum linear excursion	X_{max}	± 3	mm
Efficiency	η_o	0.81	%
Efficiency bandwidth product	EBP	84	

Import this woofer in a box design software

Overall diameter	203.2	mm
Baffle hole diameter	184.1	mm
Mounting depth	98.4	mm
Diaphragm material	Paper	
Voice coil diameter	38.1	mm
Magnet	Ferrite	