



5" MIDRANGE

130 T 1027

- Paper cone with soft dome.
- Rubber surround.
- Coated high temperature 1" voice coil.
- Vented polepiece.
- alu-diecast baskets

Technical Data	Symbol	Wert/Value	Einh./Unit
Nominal impedance	Z_n	8	Ω
DC resistance	R_e	5.2	Ω
Resonance frequency 1 W	f_r	90	Hz
Resonance frequency TS-parameter-meas.	f_r	100	Hz
Suspension compliance	C_{MS}	0.29	mm/N
Mechanical Q	Q_{MS}	2.97	
Electrical Q	Q_{ES}	0.62	
Total Q	Q_{TS}	0.51	
Mechanical resistance	R_{MS}	1.85	kg/s
Total moving mass (including air mass)	M_{MD}	9	g
Effective piston area	S_D	80	cm ²
Voice coil diameter		25	mm
voice coil former		Aluminium	
Voice Coil length		9	mm
Voice Coil layers		2	
Voice Coil inductance	L_e	0.4	mH
Flux density	B	1.1	Tesla
Force factor	$B_L \times l$	6.8	Tm
Height of the gap		6	mm
Diameter of magnet		2 X 82 mm	mm
Height of magnet		2 X 15mm	mm
Mass of speaker		1.4	kg
Characteristic sound pressure level 1 W1m		90	dB SPL
Rated power		40	W
Equivalent air volume of suspension	V_{AS}	2.6	dm ³

