



RES 170 VRKO

Standard Series

Posizione: [Home](#) > [Catalogo Generale](#) > [Standard Series](#) > [Woofer Ø165 mm](#) > 170 VRKO
Data Sheet

• [News](#) • [Standard Series](#) • [Autocostruzione](#) • [Chi è RES?](#) • [Recensioni](#) • [Per contattarci](#)

Features



- Glass fiber membrane
- DFM System
- Rubber surround
- Very high efficiency
- kapton former
- Stamped steel chassis

Primary Applications

Technical characteristics	Symbol	Value	Unit
Overall diameter	Ø	165	mm
Cutout diameter	Ø	155	mm
Depth	↔	63	mm
Nominal impedance	Z	4	Ω
Nominal power handling	P	100	W
Sensitivity	E	92.5	dB
Mass of speaker	m	1.1	kg

Voice Coil

Technical characteristics	Symbol	Value	Unit
Voice coil diameter	Ø	25	mm
Minimum impedance	Z min	3.99	Ω
DC resistance	Re	3.57	Ω
Voice coil inductance	Lbm	0.73	mH
Voice coil height	H	12	mm
Former	-	kapton	-
Number of layers	n	2	-

Magnet

Technical characteristics	Symbol	Value	Unit
Magnet dimensions	Ø x h	86 x 15	mm
Magnet weight	m	0.3	kg
Flux density	B	1.4	T
Force factor	B x l	7.08	NA ⁻¹
Height of magnetic gap	He	5	mm
Linear excursion	X max	±3.5	mm

Parameters

Technical characteristics	Symbol	Value	Unit
Resonance frequency	Fs	46	Hz
Suspension	Cms	0.98	

compliance			mmN ⁻¹
Mechanical Q factor	Qms	7.58	-
Electrical Q factor	Qes	0.25	-
Total Q factor	Qts	0.24	-
Moving mass	Mms	12	g
Effective piston area	Sd	137	cm ²
Volume equivalent of air @ Cas	Vas	25	L

Related Documents

- [Photo](#)
- [Graphs](#)
-