



PEA motor optimized
25 mm copper/aluminum voice coil
High temperature aluminum former
Large high grade ferrite magnet
Axial forced coil ventilation
Fiber reinforced paper cone
Oversized single wave rubber suspension
Poly cotton spider
ABS basket with self damping system
Balanced symmetrical construction
Computer optimized design
Fatigue resistant lead wire, bal. connect.

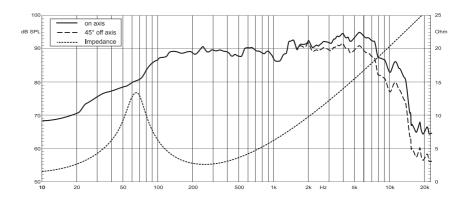


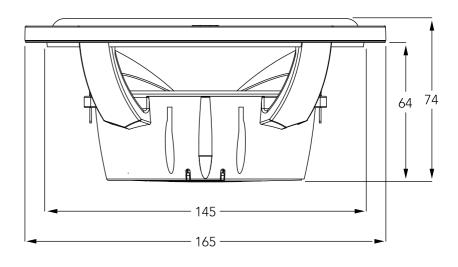
ABS basket reinforced with fiberglass. The baskest have been engineered in order to obtain the maximum in terms of torsional rigidity (bending), but at the same time offer the minimum resistance to the passage of air. Pressed paper cone with waterproof treatment. It is widely recognized that cones made of paper are the best marriage of lightness, stiffness and the ability of the cone to dampen any unwanted vibration (read: distortion). High damping single wave rubber surround. The Perbunan rubber edge is much more stable when the temperature changes than the classic rubber. The 25 mm voice coil uses an aluminum support and a winding with a double layer technology of copper wire with an aluminum core. High grade ferrite magnet, a type of magnet with significantly higher performance than the classic "standard" ones.

SPECIFICATIONS					
Technical Characteristics	Symbol	Value	Units		
GENERAL DATA					
Overall Dimension	Dxh	165x 71	mm		
Nominal Power Handling (AES)*	Р	120	W		
Transient Power *	Pp	240	W		
Sensivity 1W/1m	SPL	88.5	dB SPL		
Frequency Response	65 - 9000		Hz		
Cone Material	Fiber reinforced high strength paper cone				
*Nominal and Transiet power @ High Pass 80Hz - 12db/Oct					

ELECTRICAL DATA					
Nominal Impedance	Z	4	Ω		
DC Resistance	Ω	3.11	Ω		
Voice coil Inductance	Lbm	0.754	μΗ		
VOICE COIL AND MAGNET PARAMETERS					
Voice Coil Diameter	Dia	25	mm		
Voice coil Height	h	10.5	mm		
Magnetic Gap Height	HE	4.0	mm		
Max Linear excursion	Xmax	±3.25	mm		
Voice Coil Former	Aluminum				
Number of layers	n	2			
Magnet System	Ferite Y-35				
Efficiency	η°	0.446	%		
BL Product	BxL	4.39	Na		
Magnet dimension	ØxØxh	85X32x15	mm		

T&S PARAMETERS					
Suspension Compilance	Cms	0.516	N/m		
Mechanical Q Factor	Qms	3.026			
Electrical Q Factor	Qes	0.766			
Total Q Factor	Qts	0.611			
Moving Mass	mms	11.63	g		
Eq. Comp. Air Load	VAS	13.93	I		
Resonance Frequency	Fs	64.98	Hz		
Effective Piston Area	SD	132.73	cm²		





All measurements in millimeters