PROFESSIONAL LOUDSPEAKERS

6RS140

6" - 200 W - 93 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	186.5/162 mm (7.34/6.37 in)
Bolt Circle Diameter	172 mm (6.77 in)
Baffle Cutout Diameter	147 mm (5.79 in)
Depth	76 mm (2.99 in)
Flange and Gasket Thickness	11 mm (0.43 in)
Net Weight	**1.2 kg (2.6 lb)**
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in)
Shipping Weight	1.3 kg (2.9 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	01604292
Recone Kit - 8 Ohm Version	R1604292

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.3 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**93 dB**
Frequency Range	60÷6000 Hz
Voice Coil Diameter	**44 mm (1.73 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	13.2 mm (0.52 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.5 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Half Roll
NET Air Volume filled by Loudspeaker	0.37 dm^3 (0.013 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	65 Hz
Re	5.3 Ohm
Qes	0.28
Qms	5.8
Qts	0.27
Vas	9.3 dm^3 (0.33 ft^3)
Sd	133 cm^2 (20.62 in^2)
Xmax **(4)**	5.60 mm
Xdamage **(5)**	11.6 mm
Mms	16.0 g
Bl	11 N/A
Le	0.28 mH
Mmd	14.3 g
Cms	0.37 mm/N
Rms	1.1 kg/s
Eta Zero	0.86 %
EBP	232 Hz

NOTES:

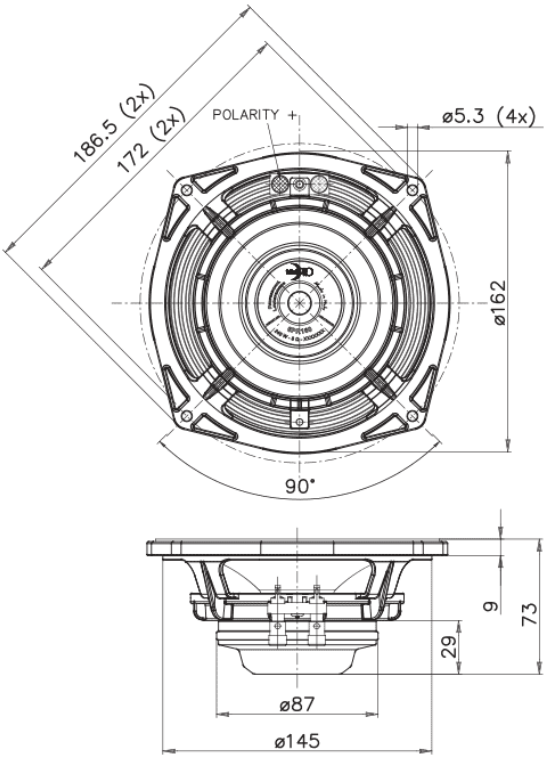
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

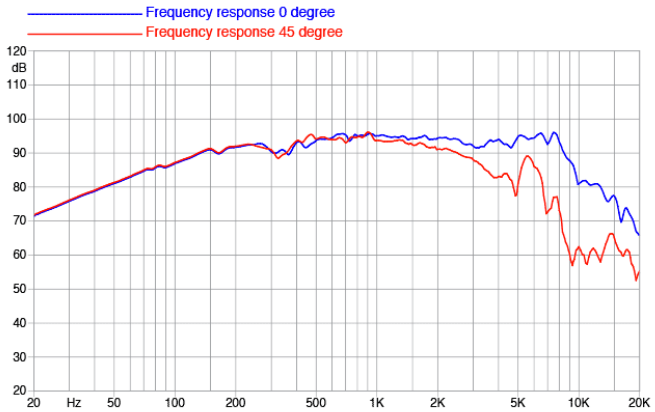
(2) Maximum power is defined as 3dB greater than nominal power.

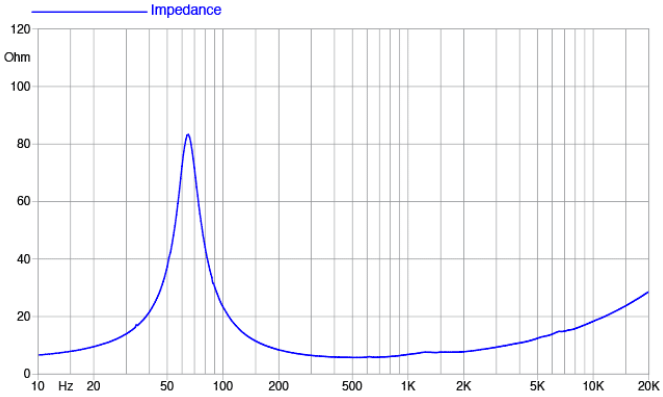
(3) Treated Polycotton

(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

(5) Maximum excursion before permanent damage







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