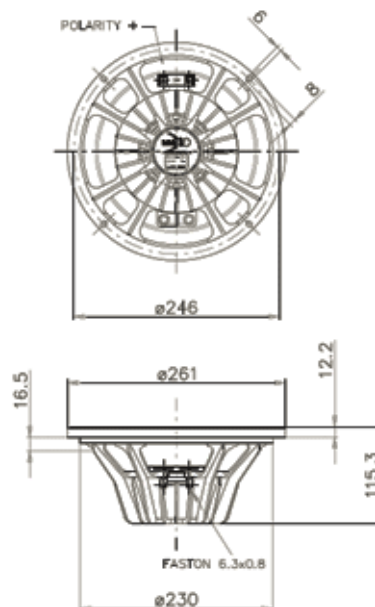




10PR300 Professional Series



NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	232 mm (9.13 in)
Depth	115.3 mm (4.54 in)
Flange and Gasket Thickness	12.2 mm (0.48 in)
Net Weight	2.1 Kg (4.62 lb)
Shipping Box (Single Carton Box)	305x305x185 mm (12x12x7.28 in)
Shipping Weight	2.8 Kg (6.16 lb)

ELECTRICAL SPECIFICATION

Minimum Impedance	6.4 Ohm
Nominal Impedance	8 Ohm
Nominal Power Handling *	300 W
Maximum Power Handling **	600 W
Sensitivity (1W/1m)	98 dB
Frequency Range	60÷5000 Hz
Voice Coil Diameter	65 mm (2.5 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 T

THIELE & SMALL PARAMETERS

Fs	60 Hz
Re	5.4 Ohm
Bl	14.1 N/A
Mms	28.2 g
Cms	0.25 mm/N
Rms	1.77 Kg/s
Qes	0.28
Qms	5.81
Qts	0.26
Vas	38.4 dm ³ (1.35 ft ³)
Sd	320 cm ² (49.6 in ²)
Xmax ***	4.92 mm
Xdamage ****	14 mm
Le	0.6 mH
Mmd	24.9 g
Eta Zero	2.62 %

ORDERING CODES

Push Terminals - 8 Ohm Version	02503931
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NOTES

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

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

(***) $X_{max} = [(winding\ depth - magnetic\ gap\ depth) / 2] + (magnetic\ gap\ depth / 3)$

(****) Maximum excursion before permanent damage

CURVES

