

10RS430

10" - 400 W - 91 dB - 8 Ohm



NOMINAL SPECIFICATIONS		TECHNICAL PARAMETERS		THIELE & SMALL PARAMETERS	
Nominal Diameter	250 mm (10 in)	Nominal Impedance	8 Ohm	Fs	32 Hz
Overall Diameter	261 mm (10.28 in)	Minimum Impedance	8 Ohm	Re	6.8 Ohm
Bolt Circle Diameter	246 mm (9.69 in)	AES Power Handling (1)	400 W	Qes	0.29
Baffle Cutout Diameter	230 mm (9.06 in)	Maximum Power Handling (2)	800 W	Qms	10.0
Depth	136 mm (5.35 in)	Sensitivity (1W/1m)	91 dB	Qts	0.28
Flange and Gasket Thickness	17 mm (0.67 in)	Frequency Range	30÷2500 Hz	Vas	59.2 dm ³ (2.09 ft ³)
Net Weight	6.8 kg (15.0 lb)	Voice Coil Diameter	65 mm (2.56 in)	Sd	344 cm ² (53.32 in ²)
Shipping Box (Single Carton Box)	294 x 290 x 203 mm (11.5 x 11.4 x 8.0 in)	Winding Material	Al	Xmax (4)	13.57 mm
Shipping Weight	7.3 kg (16.1 lb)	Former Material	Glass Fiber	Xdamage (5)	21.5 mm
PART NUMBER		Winding Depth	29.8 mm (1.17 in)	Mms	69.0 g
Push Terminals - 8 Ohm Version	02504390	Magnetic Gap Depth	8 mm (0.31 in)	Bl	18 N/A
NOTES:		Flux Density	1.50 T	Le	0.78 mH
(1) 2 Hours Test According to AES 2-1984 Rev. 2003		Magnet	Ferrite Ring	Mmd	61.8 g
(2) Maximum power is defined as 3dB greater than nominal power.		Basket Material	Aluminum	Cms	0.36 mm/N
(3) EPDM (Rubber)		Demodulation	Aluminum Ring	Rms	1.4 kg/s
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)		Cone Surround (3)	Half Roll	Eta Zero	0.65 %
(5) Maximum excursion before permanent damage		NET Air Volume filled by Loudspeaker	2 dm ³ (0.071 ft ³)	EBP	110 Hz
		Spider Profile	1x constant height waves		

