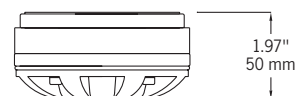
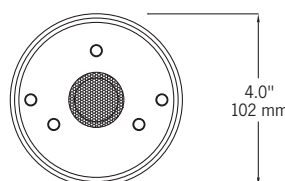


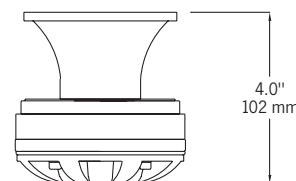
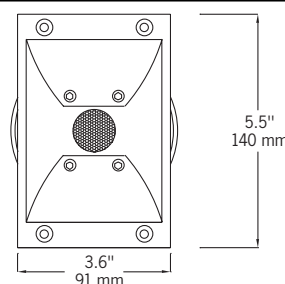
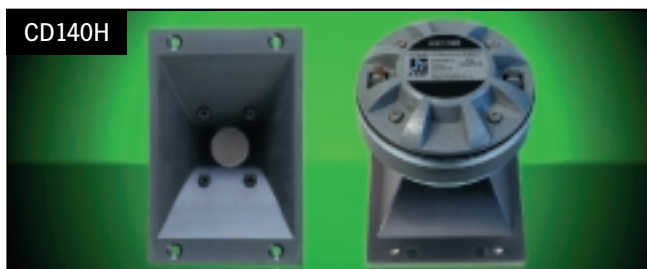
Our range of 1" (25.4mm) exit compression drivers are for high frequency reproduction when mounted to a suitable waveguide. All units feature ultra lightweight 44mm diameter titanium diaphragms, driven at its circumference by an equally lightweight aluminium voice

coil. Each motor system has a copper shorting ring surrounding the pole piece which effectively reduces eddy current induced distortions with the added benefit of increasing the very high frequency output by reducing the inductive rise of the voice coil.

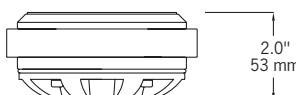
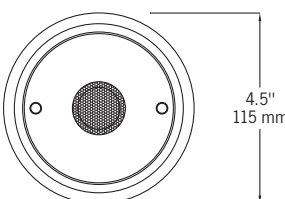
CD140



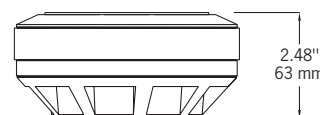
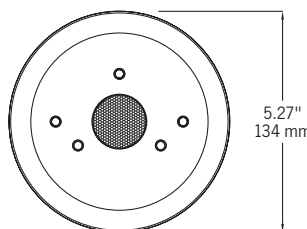
CD140H



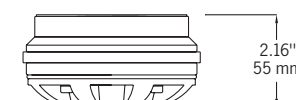
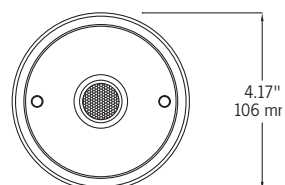
CD145



CD150



CD150N



Electro mechanical specifications

	CD140/H	CD145	CD150	CD150N
Sound channel/throat (inches/mm)	1-25.4	1-25.4	1-25.4	1-25.4
Nominal Impedance (ohms)	8/16	8/16	8/16	8/16
Power Handling (watts AES)	40	45	50	50
Average Sensitivity 1W/1m (db)	105	108	108	110
Usable Frequency range – kHz	2-16	2-18	2-18	2-18
Recommended crossover frequency	3.5kHz filtered at 18 dB/octave			
Effective diaphragm diameter (mm/inch)		44/1.75		
Voice coil diameter (mm/inch)		44/1.75		
Voice coil DC resistance (ohms)		6.2/10.5		
Max diaphragm displacement (mm/inch)		.4/.016		
Flux density (Tesla)	1.35	1.60	1.65	1.90
Magnet weight (oz/kg)	16/.46	23/.67	39/1.10	11/.32

Construction Materials

	CD140/H	CD145	CD150	CD150N
Coil former			Polyamide	
Voice coil material			Aluminium	
Diaphragm material			Titanium	
Surround/edge termination			Double Sinusoidal Roll Titanium	
Magnet	Ferrite	Ferrite	Ferrite	Neodymium
Connectors	6.3mm spade	6.3mm spade	4.8mm spade	6.3mm spade
Polarity	Positive voltage at red/positive terminal causes positive pressure at throat exit			

Mounting information

	CD140/H	CD145	CD150	CD150N
Bolt fixing holes CD140 & CD150		3 x M6 on 57.15 mm – 2.25 inch PCD		
		2 x M6 on 76.2 mm – 3.00 inch PCD		
CD145 & CD150N		2 x M6 on 76.2 mm – 3.00 inch PCD		
Overall diameter (inch/mm)	4.0/102	4.5/115	5.27/134	4.17/106
Depth (inch/mm)	1.97/51	2.0/53	2.48/63	2.16/55
Weight (lb/kg)	3.4/1.54	4.2/1.92	6.5/2.97	3.6/1.65
Shipping weight (lb/kg)	3.6/1.64	4.4/2.0	6.8/3.1	3.8/1.75
Packing carton dimensions (mm)	120x120x160	150x150x160	150x150x160	150x150x160
Packing carton dimensions (inch)	4.72x4.72x6.3	5.9x6.3x3.15	5.9x6.3x3.15	5.9x6.3x3.15



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