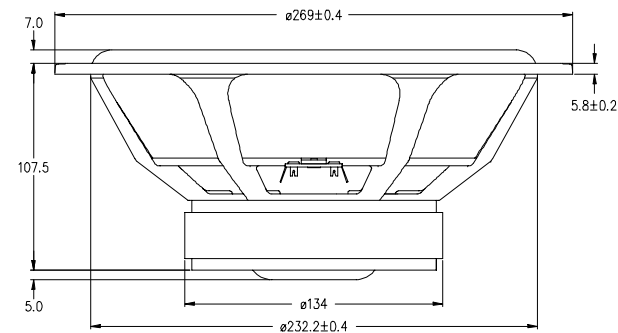
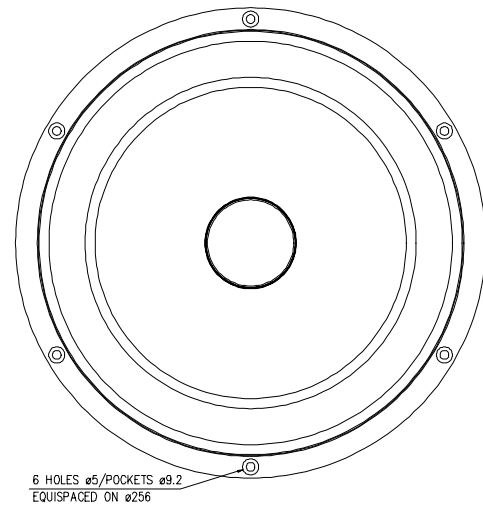




WOOFER

E0026

W26FX001



The W26FX001 is a 26cm (10") cone driver developed for use as a high fidelity woofer unit capable of high output power with astonishing precision.

SPECIAL FEATURES:

2" diameter high temperature voice coil with black anodized aluminium coil former for high power handling and reduced power compression.

The extremely stiff cone made from aluminium/magnesium alloy gives tremendous bass precision.

Heavy copper rings mounted above and below the T-shaped pole piece to reduce non linear and modulation distortion, and to increase overload margin.

Large magnet system for good sensitivity and transient response. Copper plating of the top and bottom plates and a solid copper phase plug, which enhance the performance of the copper rings and improve heat conduction away from the pole piece.

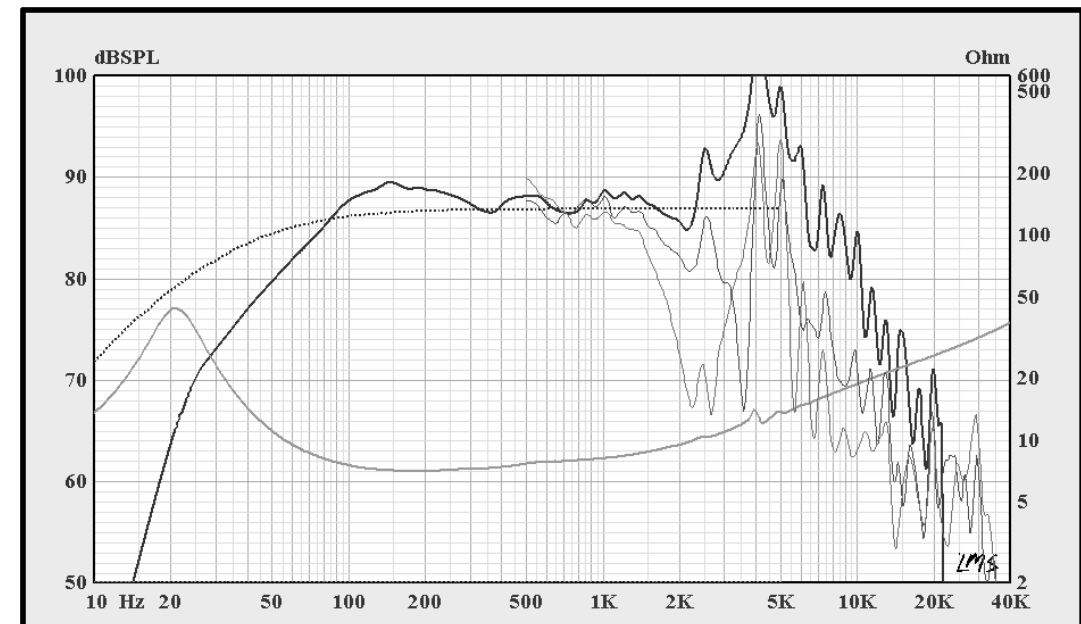
Gold plated terminals mounted on a glass fibre reinforced plate to reduce contact resistance and improve reliability.

Extremely stiff and stable injection moulded metal basket to keep the critical components in perfect alignment. Large windows in the basket both above and below the spider reduce sound reflection, air flow noise and cavity resonance to a minimum.

NOMINAL IMPEDANCE	8 Ohms	VOICE COIL RESISTANCE	6.3 Ohms
RECOMMENDED FREQUENCY RANGE	20-1000 Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	1.43 mH
SHORT TERM MAXIMUM POWER *	400 W	FORCE FACTOR	10.7 N/A
LONG TERM MAXIMUM POWER*	150 W	FREE AIR RESONANCE	20 Hz
CHARACTERISTIC SENSITIVITY (2.83V, 1m)	87 dB SPL	MOVING MASS	56.3 g
		AIR LOAD MASS IN IEC BAFFLE	3.5 g
VOICE COIL DIAMETER	51 mm	SUSPENSION COMPLIANCE	1.1 mm/N
VOICE COIL HEIGHT	20 mm	SUSPENSION MECHANICAL RESISTANCE	3.3 Ns/m
AIR GAP HEIGHT	6 mm	EFFECTIVE PISTON AREA	330 sq.cm
LINEAR COIL TRAVEL (p-p)	14 mm		
MAXIMUM COIL TRAVEL (p-p)	35 mm	VAS	161 Litres
MAGNETIC GAP FLUX DENSITY	1.23 T	QMS	2.28
MAGNET WEIGHT	3.0 Kg	QES	0.41
TOTAL WEIGHT	4.5 Kg	QTS	0.35

* IEC 268-5

The frequency responses below show measured free field sound pressure in 0, 30, and 60 degrees angle using a standard baffle (IEC 268-5). Input 2.83 Volts RMS, microphone distance 1m. The dotted line is a calculated response for an infinite baffle based on the parameters given for this specific driver. The impedance is measured in free air without baffle.



Distortion on axis in % between 25 and 2 000 Hz at 96 dB SPL /1m in the passband.

