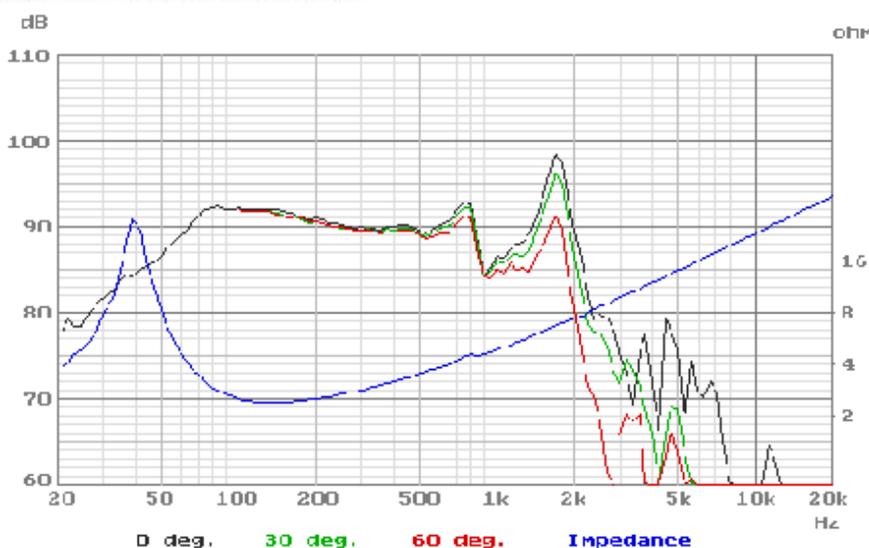


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Dimensions(mm)				
OD	CD	MD	ID	FT
270	240	147	120	5
OD - overall diameter				
CD - internal diameter				
MD - magnet diameter				
ID - internal depth				
FT - frame thickness				

Product Code: PD269E

Description: 269 mm extra long stroke 4 Ohm XLS subwoofer for small subwoofers. Double magnet and alloy frame.

Nominal impedance	Zn (Ohm)	4	Reference voltage sensitivity	(dB)	92.2
Minimum impedance/at freq	Zmin (Ohm/Hz)	2.4/133	Voice coil diameter	d (mm)	51
Maximum impedance	Zo (Ohm)	28.5	Voice coil length	h (mm)	33
DC resistance	Re (Ohm)	1.8	Voice coil layers	n	4
Voice coil inductance	Le (mH)	1.5	Flux density in gap	B (T)	1.04
Resonance frequency	fs (Hz)	39.4	Total useful flux	(mWb)	2.5
Mechanical Q factor	Qms	6.37	Height of the gap	hg (mm)	8
Electrical Q factor	Qes	0.42	Diameter of magnet	dm (mm)	147
Total Q factor	Qts	0.39	Height of magnet	hm (mm)	35
F (Ratio fs/Qts)	F (Hz)	96	Long term power (IEC)	(W)	165
Mechanical resistance	Rms (Kg/s)	4.55	Max linear SPL (rms)	(dB/W)	#
Mechanical loss	Rm (Ns/m)	#	Xmax peak	(mm)	12.5
Moving mass	Mms (g)	117.0	Nominal power	(W)	300
Suspension compliance	Cms (mm/N)	0.14	Frequency range	(Hz)	#
Effective cone diameter	D (cm)	20.6	Net weight	(kg)	#
Effective piston area	Sd (cm²)	333	Recommended Box Volume (Vb)	(Litres)	#
Equivalent volume	Vas (ltrs)	21.4	Recommended Port Diameter	(mm)	#
Force factor	Bl (Tm)	11.0	Recommended Port Length	(mm)	#

(*) Not applicable to this speaker. (#) Applicable but not available.