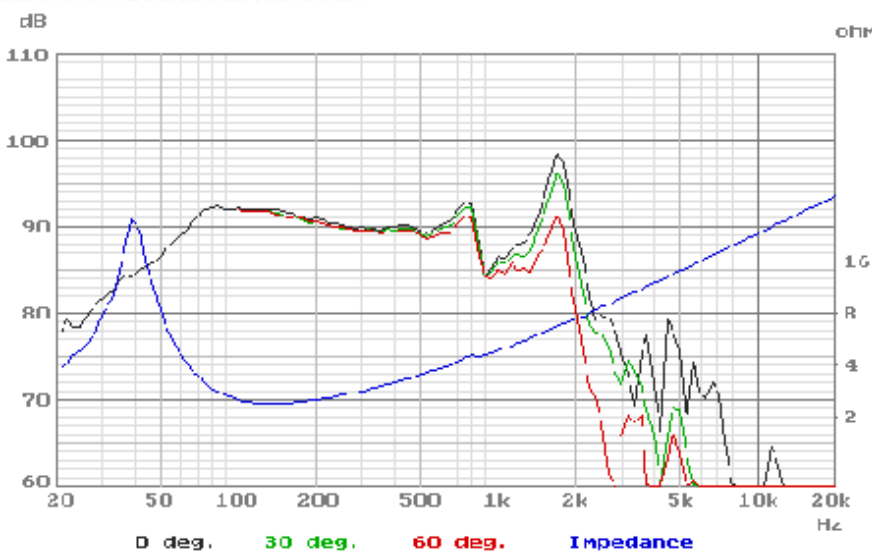


@www.speakerbits.com



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

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