

PRO 80

Specifications:

Name		HG-80PRO
DC resistance	<i>R_{dc}</i>	2,6 Ω
Nominal impedance	<i>Z_N</i>	3 Ω
Resonance frequency	<i>f_s</i>	91,4 HZ
Voice coil diameter		25 mm
Mechanical Q factor	<i>Q_{ms}</i>	2,79
Electrical Q factor	<i>Q_{es}</i>	0,36
Total Q factor	<i>Q_{ts}</i>	0,32
Moving mass <i>M_{ms}</i>		4,09 g
Effective piston area	<i>S_d</i>	35 cm²
Mechanical resistance	<i>R_{ms}</i>	0,84 Kg/s
Compliance	<i>C_{ms}</i>	0,74 mm/N
Force factor	<i>BL</i>	4,1 Tm
Equivalent air volume	<i>V_{as}</i>	1,28 dm³
Efficiency	<i>η</i>	0,26 %
SPL 2,83V/1m		91 dB
High-pass / Hochpass		> 270 Hz 18 dB/Oct > 320 Hz 12 dB/Oct

Cone:	Paper (sand coated)
Spider:	Nomex
Surround:	SBR (Rubber)
Coil former:	Aluminum
Basket:	Steel
Dust cap:	Paper +Sisal

