

DECCON

HYDRA-12

PROFESSIONAL SUBWOOFER

800
WATTS
MAX POWER

12"
NOMINAL DIAMETER

CAST ALUMINIUM
FRAME SUBWOOFER

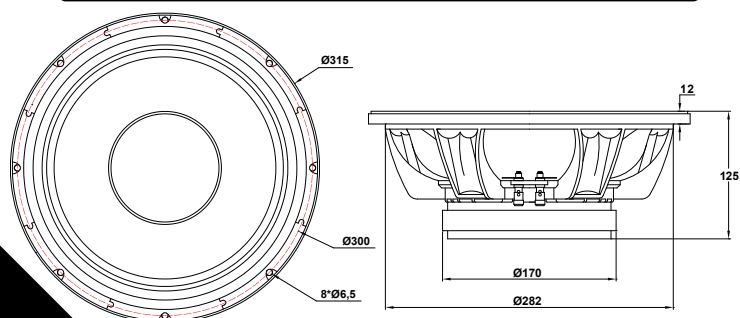
3"
VOICE COIL



GENERAL SPECIFICATIONS

Nominal Diameter	320mm/12"
Power	800W
Nominal Impedance	8Ω
Sensitivity	96dB
Frequency Range	50Hz-3.5kHz
Chassis Type	Cast Aluminium
Magnet Type	Ferrite
Magnet Size	170x85x20mm
Magnet Weight	1.64kg/57.9Oz
Voice Coil Diameter	75.5mm/3"
Coil Material	SV-W
Number of Layers	2(Outside)
Former Material	Glass Fiber
Cone Material	Paper
Surround Material	Cloth
Spider	Single
X-max	5mm/0.20"
Gap Depth	8mm/0.31"
Voice Coil Winding Width	14mm/0.55"
Net Weight	5.2kg/pc
Packing Dimension (WxDxH)	640x330x320mm
Shipping Weight	23kg/ctn, 4pc/ctn

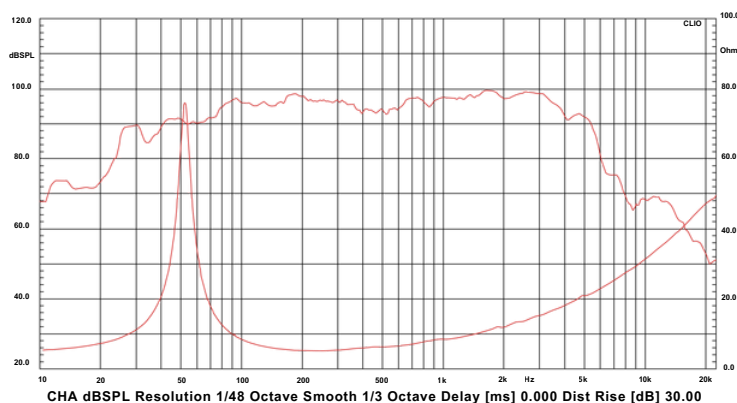
DIMENSION DRAWING



SMALL SIGNAL PARAMETERS

Re	5.6Ω
Fs	50Hz
Mms	50g/1.76Oz
Mmd	43g/1.51Oz
Qms	7.2
Qes	0.36
Qts	0.34
Vas	77.4lt/2.73ft³
Eff	2.7%
Bl	16Tm
Cms	0.21mm/N
Rms	2.2Ωm
Le (at 1kHz)	0.88mH
Sd	0.0531m²

IMPEDANCE CURVES & FREQUENCY RESPONSE



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HYDRA-15

PROFESSIONAL SUBWOOFER

1200
WATTS
MAX POWER

15"
NOMINAL DIAMETER

CAST ALUMINIUM
FRAME SUBWOOFER

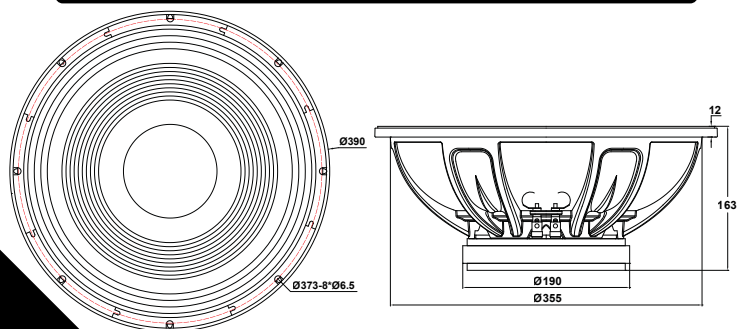
3"
VOICE COIL



GENERAL SPECIFICATIONS

Nominal Diameter	380mm/15"
Power	1200W
Nominal Impedance	8Ω
Sensitivity	96dB
Frequency Range	45Hz-2kHz
Chassis Type	Cast Aluminium
Magnet Type	Ferrite
Magnet Size	190x90x20mm
Magnet Weight	2.20kg/77.7Oz
Voice Coil Diameter	75.5mm/3"
Coil Material	SV-W
Number of Layers	2(Outside)
Former Material	Kapton
Cone Material	Paper
Surround Material	Cloth
Spider	Single
X-max	5.75mm/0.22"
Gap Depth	8mm/0.31"
Voice Coil Winding Width	15mm/0.59"
Net Weight	6.23kg/pc
Packing Dimension (WxDxH)	410x410x200mm
Shipping Weight	7kg/ctn, 1pc/ctn

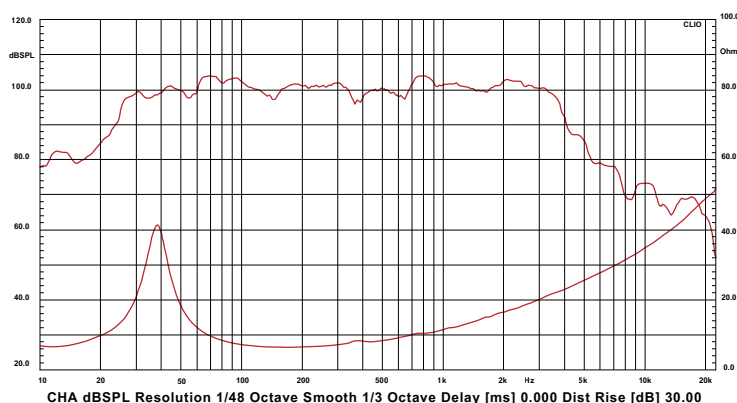
DIMENSION DRAWING



SMALL SIGNAL PARAMETERS

Re	5.5Ω
Fs	38Hz
Mms	88g/3.10Oz
Mmd	74g/2.61Oz
Qms	3.9
Qes	0.60
Qts	0.52
Vas	203lt/7.16ft³
Eff	1.76%
Bl	14Tm
Cms	0.19mm/N
Rms	5.3Ωm
Le (at 1kHz)	0.88mH
Sd	0.0855m²

IMPEDANCE CURVES & FREQUENCY RESPONSE



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