

GLADEN[®]

GERMAN TECHNOLOGY

RS 12

Speaker Specifications

| | | | |
|---------------------|-----|------------------|---------|
| Power | Pe | 400 / 600 | RMS/Nom |
| DC resistance | Rdc | 3,2 | Ω |
| Nominal impedance | ZN | 4 | Ω |
| Resonance frequency | fs | 26,3 | HZ |
| Voice coil diameter | | 2,5 | inch |

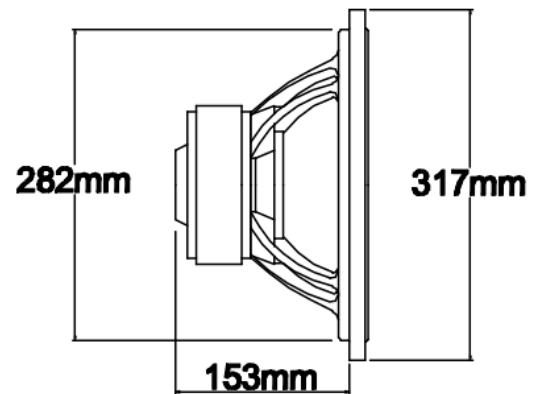
| | | |
|---------------------|-----|-------------|
| Mechanical Q factor | Qms | 6,03 |
| Electrical Q factor | Qes | 0,43 |
| Total Q factor | Qts | 0,40 |

| | | | |
|-----------------------|-----|--------------|-----------------|
| Moving mass | Mms | 143,8 | g |
| Effective piston area | Sd | 490 | cm ² |
| Mechanical resistance | Rms | 3,9 | Kg/s |
| Compliance | Cms | 0,26 | mm/N |
| Force factor | BL | 12,8 | Tm |
| Equivalent air volume | Vas | 105,5 | dm ³ |
| SPL 2,83V/1m | | 91,3 | dB |



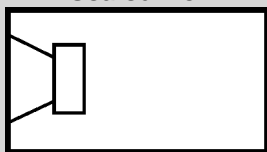
Diameter

| | |
|-----------------------|----------------------------|
| External diameter | 317 mm / 12,48 inch |
| Installation diameter | 282 mm / 11,1 inch |
| Installation depth | 153 mm / 6,02 inch |
| Magnet diameter | 150 mm / 5,91 inch |



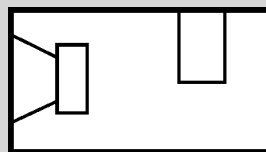
Recommended Boxes (including Ports and Drivers)

Sealed Box



V: **32 l**

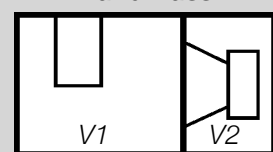
Vented Box



V: **48 l**

d: 100 / 3,94 mm / inch
l: 200 / 7,87 mm / inch

Band Pass



V1: **30 l** V2: **20 l**

d: 125 mm / 4,92 inch
l: 190 mm / 7,47 inch