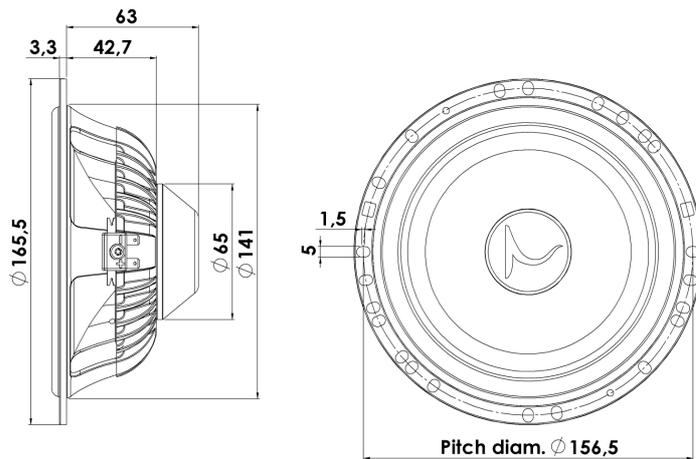




AUTOMOTIVE

820013

The Discovery Car Speakers offers superior sound, tailor-made for car use with very good performance, shallow design and a robust construction which will offer you excellent sound in you car for many years! Please see detailed datasheets for tweeter R1904/613001 and woofer 16W/4434G00. In below specs.: If two parameters are given it is for "tweeter"/"woofer".



KEY FEATURES:

- 2 x 165mm Midwoofers - EURO-DIN mounting
- 2 x 2-Way Crossovers
- Shallow Mounting Dimentions
- 2 x 19mm Ring Dome Tweeters
- Alu Die cast Chassis
- Patented NRSC Fibre Glass Cone

T-S Parameters

| | |
|-------------------------------|-------------------------|
| Resonance frequency [fs] | 1000/55 Hz |
| Mechanical Q factor [Qms] | -/3.06 |
| Electrical Q factor [Qes] | -/0.56 |
| Total Q factor [Qts] | -/0.48 |
| Force factor [Bl] | -/4.8 Tm |
| Mechanical resistance [Rms] | - kg/s |
| Moving mass [Mms] | -/12.5 g |
| Suspension compliance [Cms] | - mm/N |
| Effective diaph. diameter [D] | - mm |
| Effective piston area [Sd] | 3.8/138 cm ² |
| Equivalent volume [Vas] | - l |
| Sensitivity (2.83V/1m) | 90 dB |
| Ratio Bl/√Re | - N/√W |
| Ratio fs/Qts | - Hz |

Notes:

IEC specs. refer to IEC 60268-5 third edition.
All Scan-Speak products are RoHS compliant.
Data are subject to change without notice.
Datasheet updated: February 22, 2011.

Electrical Data

| | |
|----------------------------|---------|
| Nominal impedance [Zn] | 4 Ω |
| Minimum impedance [Zmin] | - Ω |
| Maximum impedance [Zo] | - Ω |
| DC resistance [Re] | 2.7/3 Ω |
| Voice coil inductance [Le] | - mH |

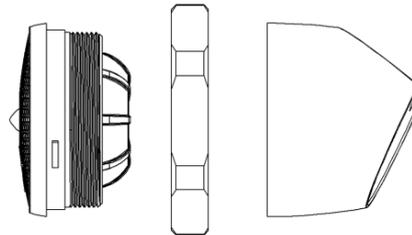
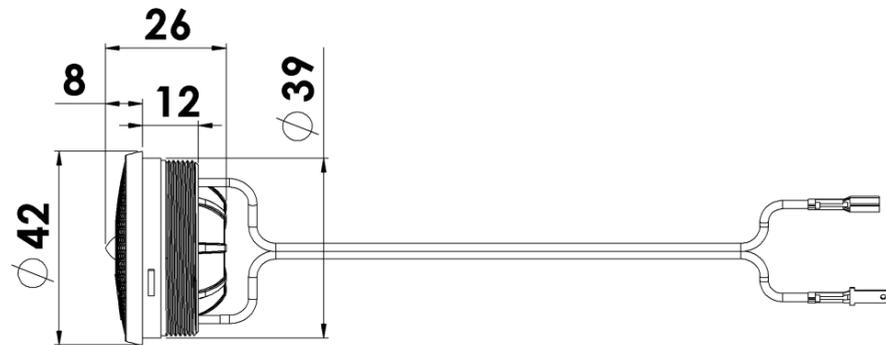
Power Handling

| | |
|---------------------------------|-------|
| 100h RMS noise test (IEC 17.1)* | 100 W |
| Long-term max power (IEC 17.3)* | - W |

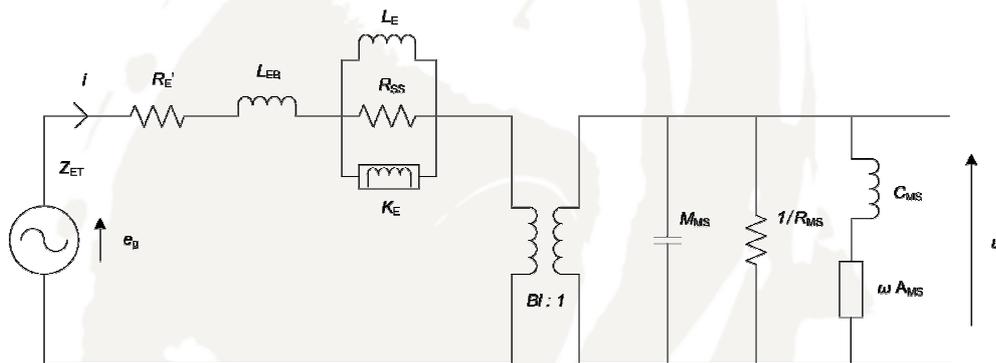
*Filter: 2nd order - 3000 Hz

Voice Coil and Magnet Data

| | |
|---------------------|-------------|
| Voice coil diameter | 19/32 mm |
| Voice coil height | - mm |
| Voice coil layers | - |
| Height of gap | - mm |
| Linear excursion | ± - mm |
| Max mech. excursion | ± -/8 mm |
| Unit weight | 0.05/0.6 kg |



Advanced Parameters (Preliminary)



Electrical data:

| | |
|------------------------|------|
| Resistance [Re'] | - Ω |
| Free inductance [Leb] | - mH |
| Bound inductance [Le] | - mH |
| Semi-inductance [Ke] | - SH |
| Shunt resistance [Rss] | - Ω |

Mechanical Data

| | |
|-----------------------------|--------|
| Force Factor [Bl] | - Tm |
| Moving mass [Mms] | - g |
| Compliance [Cms] | - mm/N |
| Mechanical resistance [Rms] | - kg/s |
| Admittance [Ams] | - mm/N |