# GENERAL PURPOSE ROUND SPEAKER

**PART NUMBER:** S200RA

## SPECIFICATIONS:

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|---|---|
| FRAME DIAMETER : | 50.0mm |
| FRAME DEPTH : | 18mm |
| MATERIAL - CONE/FRAME: | PAPER / METAL |
| MAGNET TYPE : | ALNICO |
| MAGNET: SIZE (MM) - WEIGHT (OZ/GRAMS): | 13 x 10 - 0.35 / 9.92 |
| RATED POWER (WATTS): Nom. / Max: | 0.20/0.50 |
| VOICE COIL IMPEDANCE : | 8 ± 15% |
| RESONANT FREQUENCY (Hz) Without Baffle : | 450 + 20% |
| FREQUENCY RESPONSE (Hz): | Fo ~ 4500DC |
| OUTPUT SOUND PRESSURE LEVEL (S.P.L.) : | 83 ± 3 dB |
| MEASURED AT: | 0.5 W @ 50 CM |
| MEAN VALUE AT: | 800, 1000, 1200, 1500 |
| OPERATION (MUST BE NORMAL): | PROGRAM SOURCE 0.2 W |
| BUZZ & RATTLES (MUST BE NORMAL): | SINE WAVE 0.2 W |
| 5% MAXIMUM @ 1,000 Hz | 5% MAXIMUM @ 1,000 Hz |
| LOAD TEST (WHITE NOISE) | 0.1 W @ 96 HOURS |
| HUMIDITY TEST | 40° ± 2°C 90~95% R.H. 96 HRS |
| HEAT TEST | 55° ± 2°C 50% R.H. 96 HRS |
| OUTSIDE DIAMETER OF YOKE SEAT (MM) | 28.8 - YOKE SIZE: 22 x 14.2 x 12.5 |
| OUTSIDE DIAMETER (ELIMINATE RIM) | 44.0 |
| BAFFLE OPENING (MM) | 44 |
| THICKNESS OF RIM (MM) | 2.3 |

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| NET WEIGHT (OUNCES/GRAMS) | 1.37 / 38.8 |

## COMMENTS:

*Speaker MUST meet normal operation and Buzz & Rattles specifications.

These speakers are available, on a special order basis, in a variety of voice coil impedances. The most common impedances are 4, 16, 32, 45, and 100 Ohms.

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