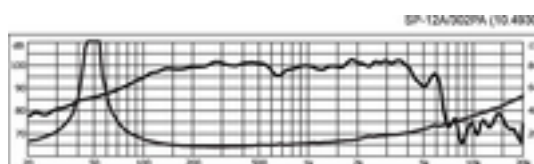
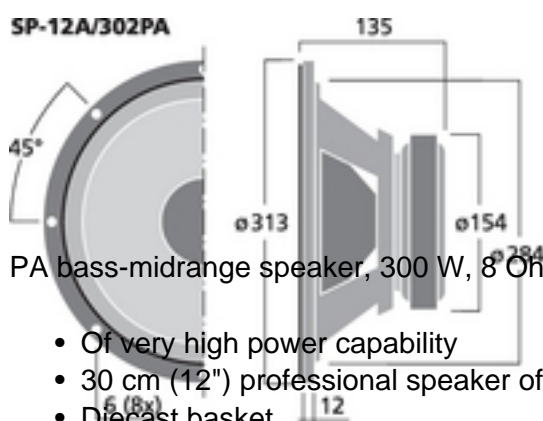


## SP-12A/302PA - PA Woofer



**SP-12A/302PA**



PA bass-midrange speaker, 300 W, 8 Ohm

- Of very high power capability
- 30 cm (12") professional speaker of long excursion
- Diecast basket
- Cone with water-repellent coating
- Very neat workmanship with front-facing basket
- Wide frequency response of low distortion
- High efficiency
- Excellent bass reproduction
- Drive system with drilled pole core and additional magnet for optimising the magnetic field and impedance linearisation
- For bass-reflex cabinets from 30 litres on already
- For all kinds of professional and semiprofessional PA applications



“With the SP-12A/302PA, IMG Stage Line offers a bass speaker of high power capability for 3-way systems which features an impressively deep bass, a superior level stability and an excellent sound quality.”

## Technical data:

|   |                               |
|---|-------------------------------|
| Impedance (Z)                             | : 8 Ohm                       |
| Transmission technology                   | : -                           |
| Frequency range                           | : f3-4,000 Hz                 |
| Resonant frequency (fs)                   | : 50 Hz                       |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : -                           |
| Power rating (RMS)                        | : 300 W                       |
| Peak music power output (MAX)             | : 600 W                       |
| SPL                                       | : 99 dB/W/m                   |
| Max. rated SPL                            | : -                           |
| Max. voltage                              | : -                           |
| Radiation angle                           | : -                           |
| Radiation angle, horizontal               | : -                           |
| Radiation angle, vertical                 | : -                           |
| Suspension compl. (Cms)                   | : 0.19 mm/N                   |
| Moving mass (Mms)                         | : 50 g                        |
| Mech. Q factor (Qms)                      | : 7.87                        |
| Electr. Q factor (Qes)                    | : 0.35                        |
| Total Q factor (Qts)                      | : 0.34                        |
| Equivalent volume (Vas)                   | : 77 l                        |
| DC resistance (Re)                        | : 6.4 Ohm                     |
| Force factor (BxL)                        | : 16.98 Tm                    |
| Voice coil induct. (Le)                   | : 0.8 mH                      |
| Voice coil diameter                       | : $\tilde{A}$ 66 mm           |
| Voice coil former                         | : Kapton                      |
| Linear excursion (X <sub>MAX</sub> )      | : $\pm$ 5 mm                  |
| Eff. cone area (Sd)                       | : 530 cm <sup>2</sup>         |
| Magnet weight                             | : 2 kg                        |
| Magnet diameter                           | : $\tilde{A}$ 154 mm          |
| Mounting cutout                           | : $\tilde{A}$ 284 mm          |
| Mounting depth                            | : 123 mm                      |
| Mounting hole diameter                    | : -                           |
| Hole spacing X-axis                       | : -                           |
| Hole spacing Y-axis                       | : -                           |
| Dimensions                                | : $\tilde{A}$ 313 mm x 135 mm |
| Outside diameter                          | : $\tilde{A}$ 313 mm          |

|                                |                           |
|--------------------------------|---------------------------|
| Width                          | : Å~ 313 mm               |
| Height                         | : -                       |
| Depth                          | : 135 mm                  |
| Colour                         | : black                   |
| Protective class               | : -                       |
| Admiss. ambient temp.          | : 0-40 °C                 |
| Weight                         | : 5.1 kg                  |
| Packing unit                   | : 1                       |
| Type of speaker                | : 12"                     |
| Packing dimensions (W x H x L) | : 0.345 x 0.165 x 0.345 m |
| Gross weight                   | : 5.8 kg                  |
| Net weight                     | : 5.1 kg                  |
| Outdoors                       | : 1                       |
| Low-impedance                  | : 1                       |