MODEL #: 179-WF08-01

7 INCH (179 MM) 8 OHM, REPLACEMENT WOOFER

PART #: 93041

Choose the Oaktron 93041 for a prime 7 in. replacement driver for home audio and studio monitor systems within either sealed or vented enclosures. A cast aluminum basket, light-weight paper cone, cloth surround, and a heavy-duty ferrite magnet create consistent hi-fi sound for your next audio project.

- Woofer
- 5.25 in. (133 mm) basket diameter
- 50 watts, 8 ohms, 92 dB SPL
- 1.5 in. copper voice coil, Nomex former
- Ferrite magnet cast aluminum basket
- Paper cone, cloth surround

MISCO engineers test and analyze the performance of these speakers using the world's most sophisticated loudspeaker measurement systems, including the Klippel Analyzer and the Klippel QC, which confirm the final design.

Pair this woofer with one of our MISCO Amplifiers.

Primary Specifications

Size, Nominal (inch & mm)	7" (178 mm)
Rated Impedance (Ω)	8
Continuous Power (W)	50
Sensitivity (dB SPL) [1]	92
Frequency Range (Hz)	40 - 7, 000
Resonant Frequency (Fs) (Hz) +/- 15%	41

©2026 MISCO/Minneapolis Speaker Company Inc.

MODEL #: 179-WF08-01

7 INCH (179 MM) 8 OHM, REPLACEMENT WOOFER

PART #: 93041

More Specifications

Application	Home Audio, Musical Instruments
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	6.7
Program Power (W)	100
Continuous Power (W)	50

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	6.7
Voice Coil Inductance (Le) (mH)	0.75
Resonant Frequency (Fs) (Hz) +/- 15%	41
Mechanical Q Factor (Qms)	9.95
Electrical Q Factor (Qes)	0.53
Total Q Factor (Qts)	0.50
Moving Mass (Mms) (gm)	14.2
Suspension Compliance (Cms) (mm/N)	1.07
Mechanical Resistance (Rms) (kg/s)	0.37
Surface Area of Diaphragm (Sd) (cm^2)	165.1
Compliance Equivalent Volume (Vas) (L)	41.31
Maximum Linear Excursion (Xmax) (mm)	3.5
Coil Winding Height (mm)	13.3
Magnetic Gap Height (mm)	6.4
Motor Force Factor (BL) (T•M)	6.8
Efficiency (η_0) (%)	0.51
Efficiency Bandwidth Product (EBP) (Fs/Qes)	78.0

Material Descriptions

Basket Type	Cast aluminum
Terminal Size (mm)	6.4 x 0.8 / 4.7 x 0.5
Voice Coil Diameter (mm)	38.6588
Voice Coil Wire Material	Copper
Voice Coil Former Material	Nomex
Magnet Material	Ferrite
Magnet Weight (g)	567
Cone Body Material	Paper
Cone Surround Material	Treated cloth

©2026 MISCO/Minneapolis Speaker Company Inc.

Dust Cap Material	Paper
Net Weight (kg)	2.21

©2026 MISCO/Minneapolis Speaker Company Inc.