

RCF L18P400

Woofer



SIZE
18 "

RMS POWER
1000 W

SPL
97 dB

FREQUENCY RANGE
25 - 1000 Hz

IMPEDANCE
8 Ω



thmann

RCF L18P400

309.00 €

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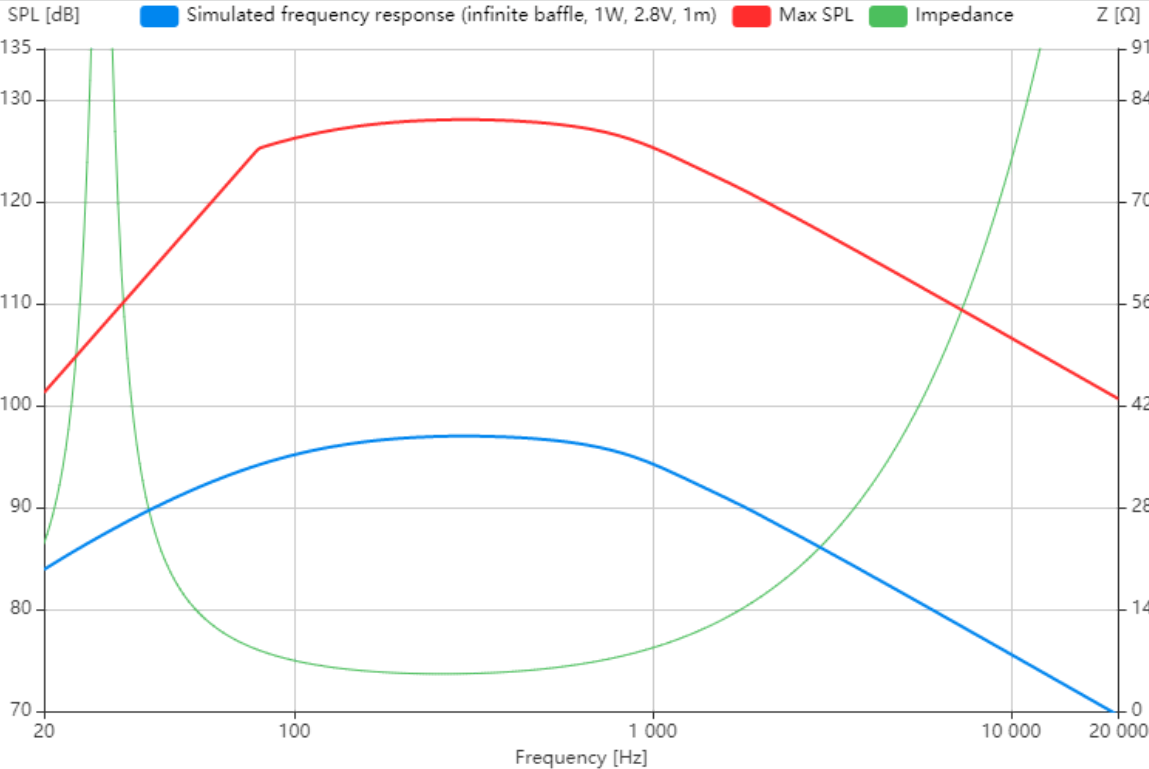
RCF L18P400 Professional Car and DJ Low Frequency 18-Inch Transducer

By RCF

\$316.05

Rated 5 out of 5 by 3 reviewers on Amazon.com

Buy Now



F_s
29 Hz

Q_{TS}
0.28

V_{AS}
340 L

S_D
1200 cm²

X_{MAX}
± 9 mm

Resonant frequency	f_s	29 Hz	Suspension equivalent air volume	V_{AS}	340 litres
Electrical Q	Q_{ES}	0.29	DC resistance	R_E	5.1 Ω
Mechanical Q	Q_{MS}	7.60	Minimum impedance	Z_{min}	6.0 Ω

1/4/2020

RCF L18P400 - 18" Woofer

Force factor	B·l	24.6 T·m	Effective diaphragm diameter	Ø	39.5 cm
Mechanical resistance	R _{MS}	4.8 N·s/m	Maximum linear excursion	X _{max}	± 9 mm
Suspension mechanical compliance	C _{MS}	167 µm/N	Excursion limit	X _{lim}	± 25 mm
Moving mass	M _{MD}	176 g	Displacement volume at Xmax	V _D	1080 cm³
Moving mass (including airload)	M _{MS}	200 g	Efficiency	η _o	2.63 %
Surface of the diaphragm	S _D	1200 cm²	Efficiency bandwidth product	EBP	100

 Import this subwoofer in a box design software



WinISD



Basta!



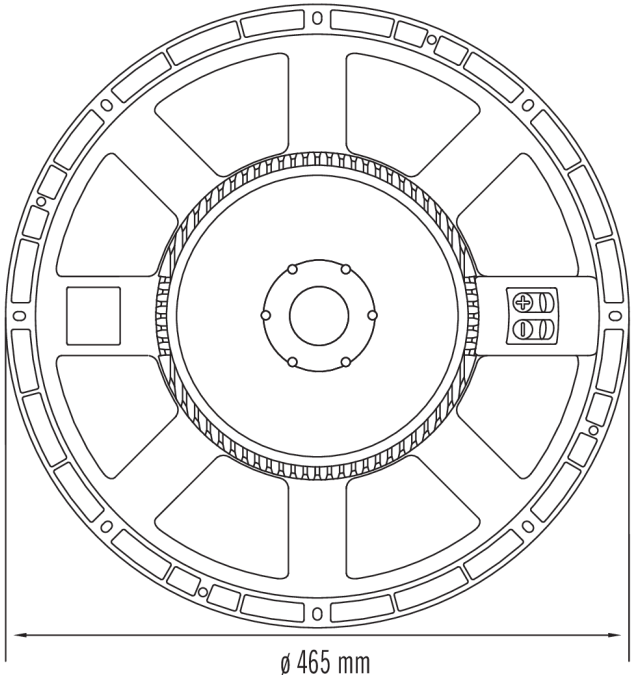
Hornresp



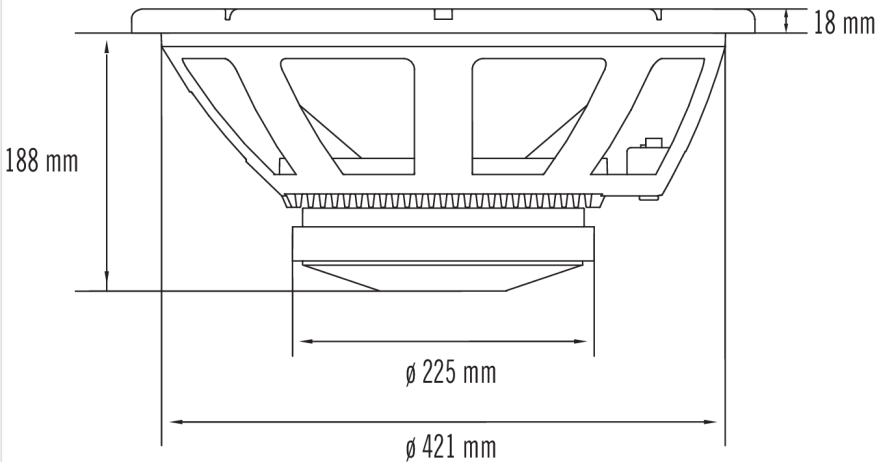
VituixCAD



QSpeakers



Volume occupied	6 liters
Overall diameter	465 mm
Baffle hole diameter	425 mm
Overall depth	206 mm
Flange thickness	15 mm
Net weight	13.5 kg
Diaphragm shape	Straight Cone
Surround material	Polycotton
Voice coil diameter	102 mm
Voice coil height (H _{VC})	25 mm
Coil material	Copper
Magnet	Ceramic



 [Datasheet](#)

Similar subwoofers to RCF L18P400





Frequency (Hz)	Red Line (dB)	Blue Line (dB)
20	-10	-80
100	25	-5
1000	25	-5
10000	-10	-80

RCF LF18G400 8Ω

399 €

18" Woofer

f_s 28 Hz

RMS Power 1000 W


Q_{TS} 0.27

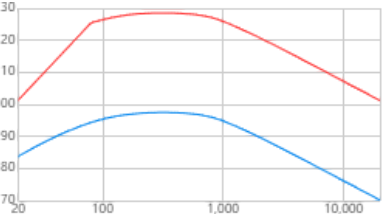
Sensitivity 97 dB

V_{AS} 360 L

Freq-range 25 - 1000 Hz

X_{max} 9 mm





Frequency (Hz)	Red Line (dB)	Blue Line (dB)
20	-10	-80
100	25	-5
1000	25	-5
10000	-10	-80

RCF LF18X400 8Ω

465 €

18" Woofer

f_s 28 Hz

RMS Power 1000 W


Q_{TS} 0.27

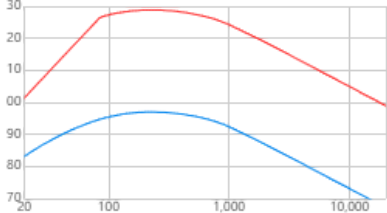
Sensitivity 97 dB

V_{AS} 340 L

Freq-range 25 - 1000 Hz

X_{max} 9 mm





Frequency (Hz)	Red Line (dB)	Blue Line (dB)
20	-10	-80
100	25	-5
1000	25	-5
10000	-10	-80

B&C Speaker 18TBX100 8Ω 8Ω

\$ 301

18" Subwoofer

f_s 34 Hz

RMS Power 1200 W

Q_{TS} 0.35

Sensitivity 97 dB

V_{AS} 212 L

Freq-range 35 - 1000 Hz

X_{max} 9 mm





Frequency (Hz)	Red Line (dB)	Blue Line (dB)
20	-10	-80
100	25	-5
1000	25	-5
10000	-10	-80

FaitalPRO 18HP1040 8Ω 8Ω

\$ 844

18" Subwoofer

f_s 38 Hz

RMS Power 1000 W

Q_{TS} 0.34

Sensitivity 99 dB

V_{AS} 196 L

Freq-range 38 - 2500 Hz

X_{max} 9 mm





Frequency (Hz)	Red Line (dB)	Blue Line (dB)
20	-10	-80
100	25	-5
1000	25	-5
10000	-10	-80

RCF LF18G401 8Ω

\$ 223

18" Woofer

f_s 33 Hz

RMS Power 900 W


Q_{TS} 0.29

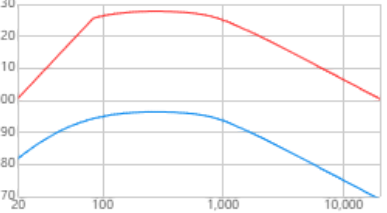
Sensitivity 98 dB

V_{AS} 268 L

Freq-range 30 - 1000 Hz

X_{max} 9 mm





Frequency (Hz)	Red Line (dB)	Blue Line (dB)
20	-10	-80
100	25	-5
1000	25	-5
10000	-10	-80

FaitalPRO 18HP1042 8Ω 8Ω

18" Subwoofer

f_s 38 Hz

RMS Power 1000 W


Q_{TS} 0.42

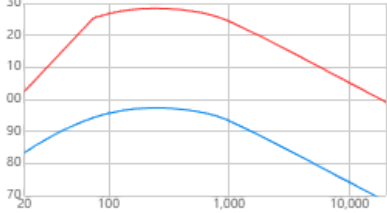
Sensitivity 98 dB

V_{AS} 151 L

Freq-range 38 - 2500 Hz

X_{max} 9 mm





Frequency (Hz)	Red Line (dB)	Blue Line (dB)
20	-10	-80
100	25	-5
1000	25	-5
10000	-10	-80

B&C Speaker 18RBX100 8Ω 8Ω

\$ 263

18" Subwoofer

f_s 40 Hz

RMS Power 1000 W

Q_{TS} 0.34

Sensitivity 97 dB

V_{AS} 220 L

Freq-range 35 - 1000 Hz

X_{max} 10 mm





Frequency (Hz)	Red Line (dB)	Blue Line (dB)
20	-10	-80
100	25	-5
1000	25	-5
10000	-10	-80

Eighteen Sound 18LW2400 8Ω 8Ω

\$ 302

18" Subwoofer

f_s 35 Hz

RMS Power 1200 W

Q_{TS} 0.31

Sensitivity 98 dB

V_{AS} 230 L

Freq-range 31 - 2500 Hz

X_{max} 9.5 mm

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