

beyma  **FR-12WR**

FULL RANGE 2 WAY SYSTEM 12"
12WR400 - CD14Fe - TD-385



TECHNICAL SPECIFICATIONS

Frequency response (± 3 dB)	67 Hz - 20 kHz
Usable bandwidth (-10 dB)	44 Hz - 20 kHz
Maximum SPL (*)	131 dB
Sensitivity 1W@1m	99 dB
HxV Coverage angle (-6 dB)	80°x50° Rotatable
Transducer LF:	12WR400
Transducer HF:	CD14Fe coupled to TD-385
AES power handling:	400 W
Nominal impedance:	8 Ω
Connectors:	2 x NL4
Speaker Dimensions:(**)	370 x 630 x 368 (Birch Plywood 15mm)
(*) Peak level at 1 m under free field conditions using pink noise with 2 crest factor (6 dB). (**) All dimensions in this files are in millimeters.	

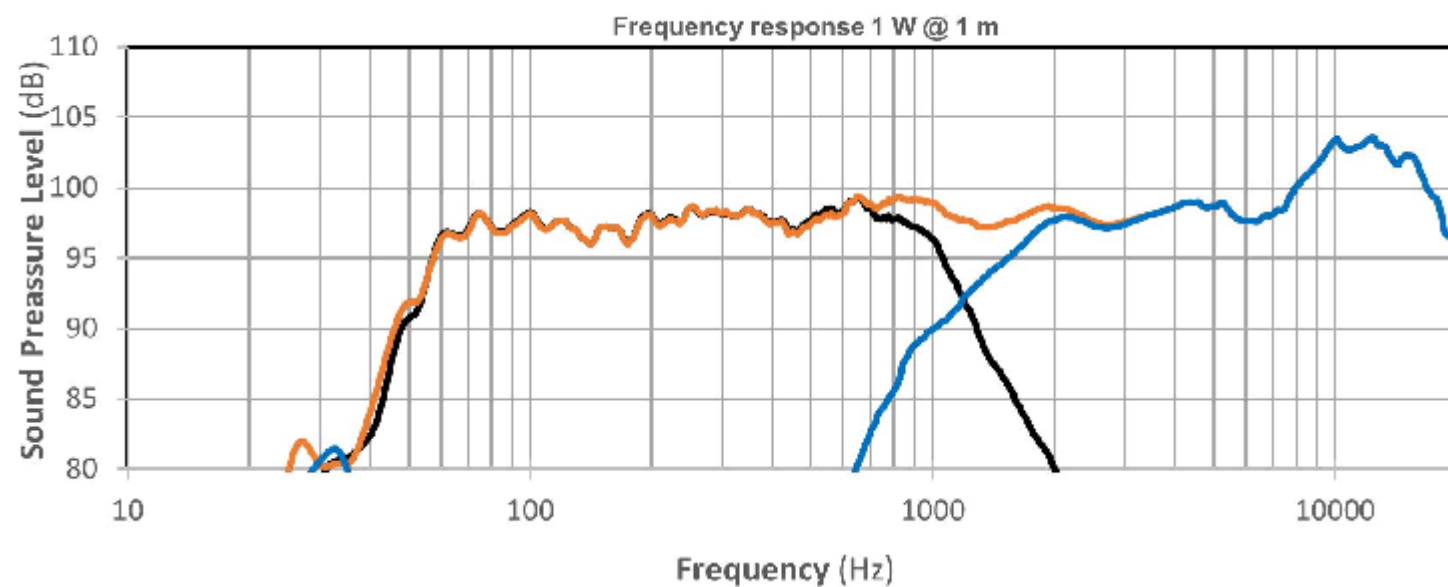


PRESETS

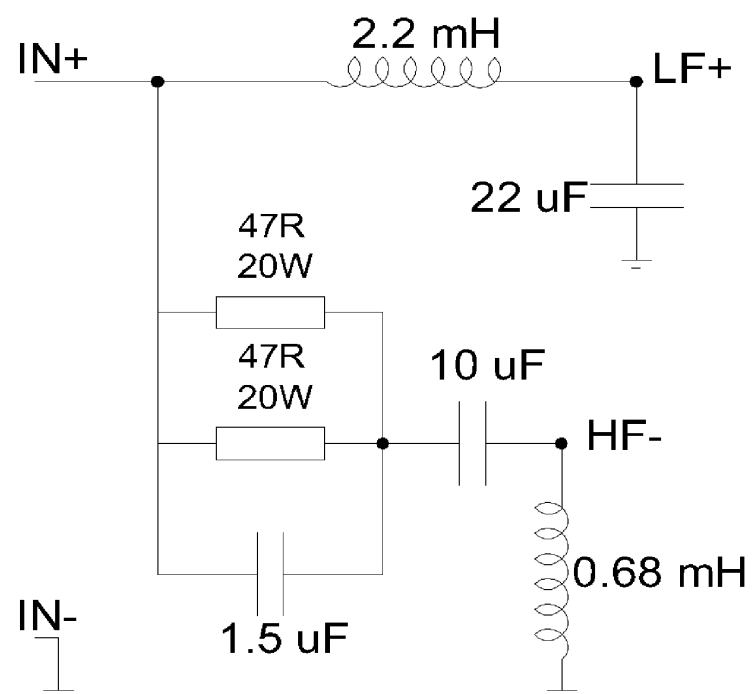
FR-12WR	f (Hz)	Q	Gain (dB)
1	98	1,2	4
2	273	3,8	-2,5
3	445	3,4	2
4	6350	5,7	2
LIMITER (*)	Threshold	Attack	Release
	5 dBu	15 ms	164 ms

**for 32 dB Gain amplifier*

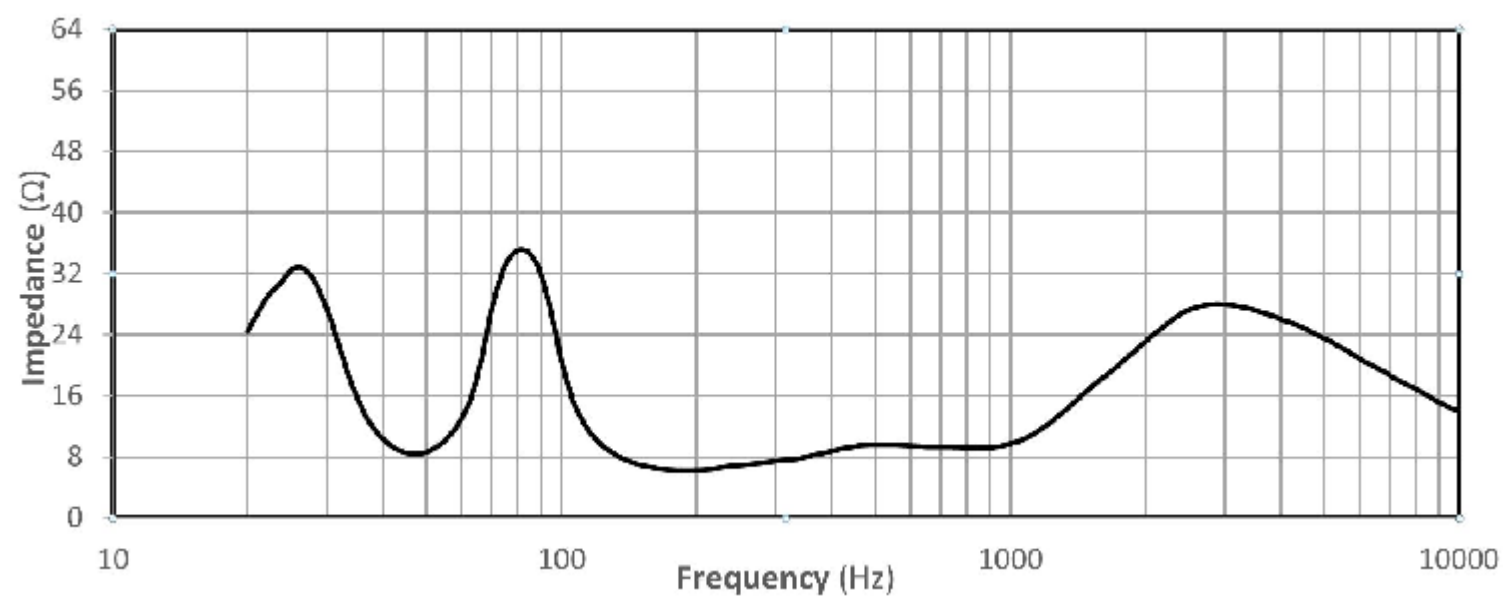
FREQUENCY RESPONSE



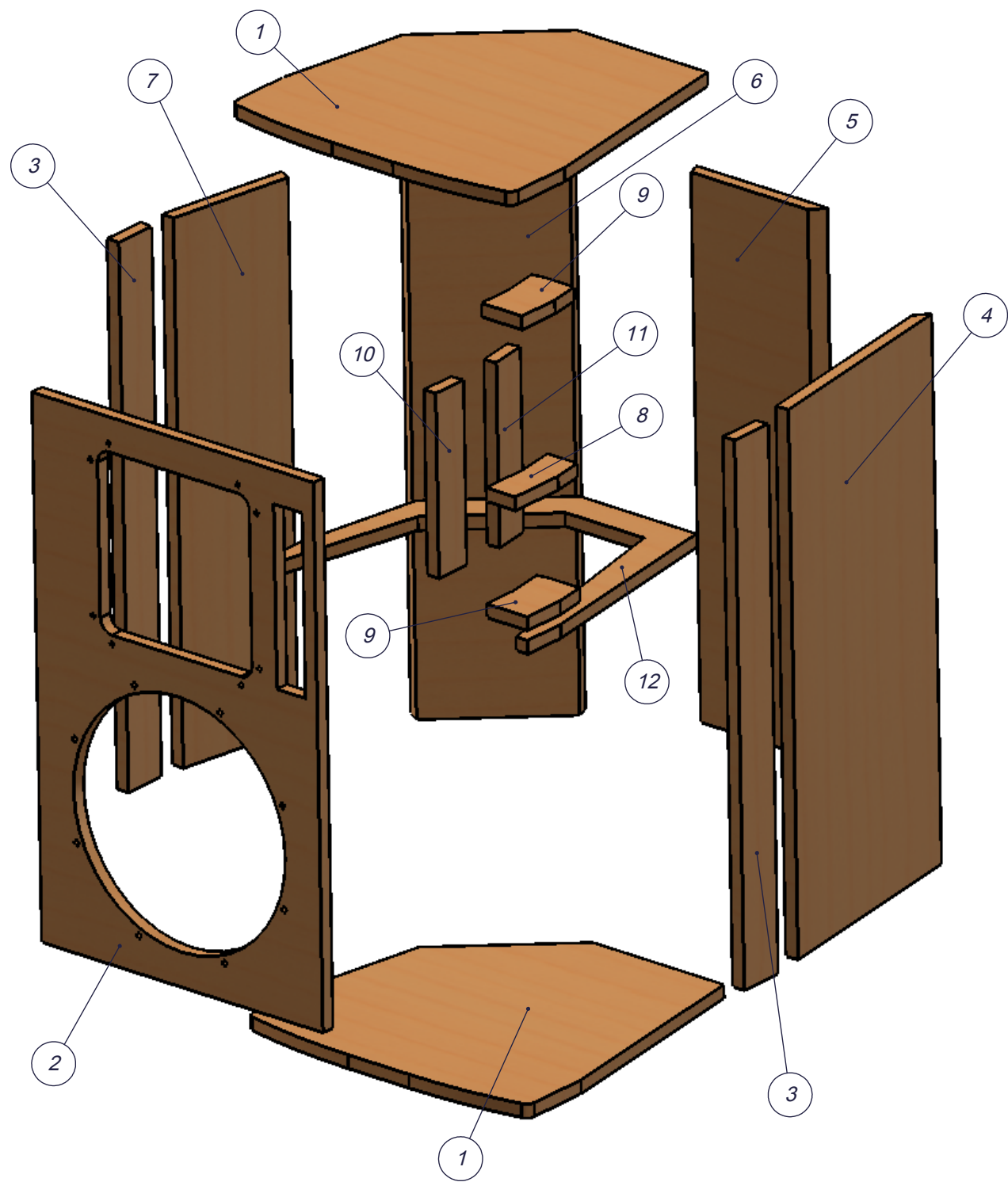
PASSIVE CROSSOVER DESIGN



IMPEDANCE



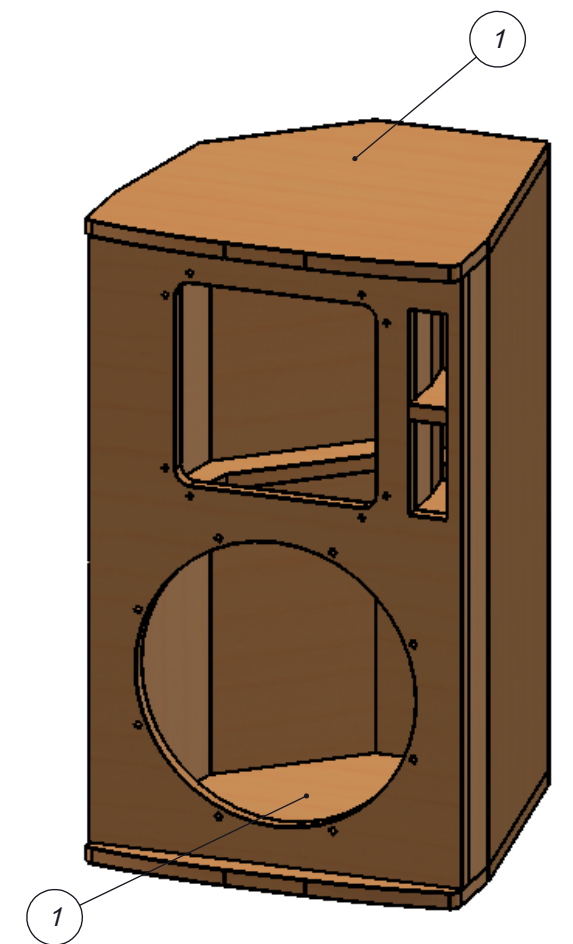
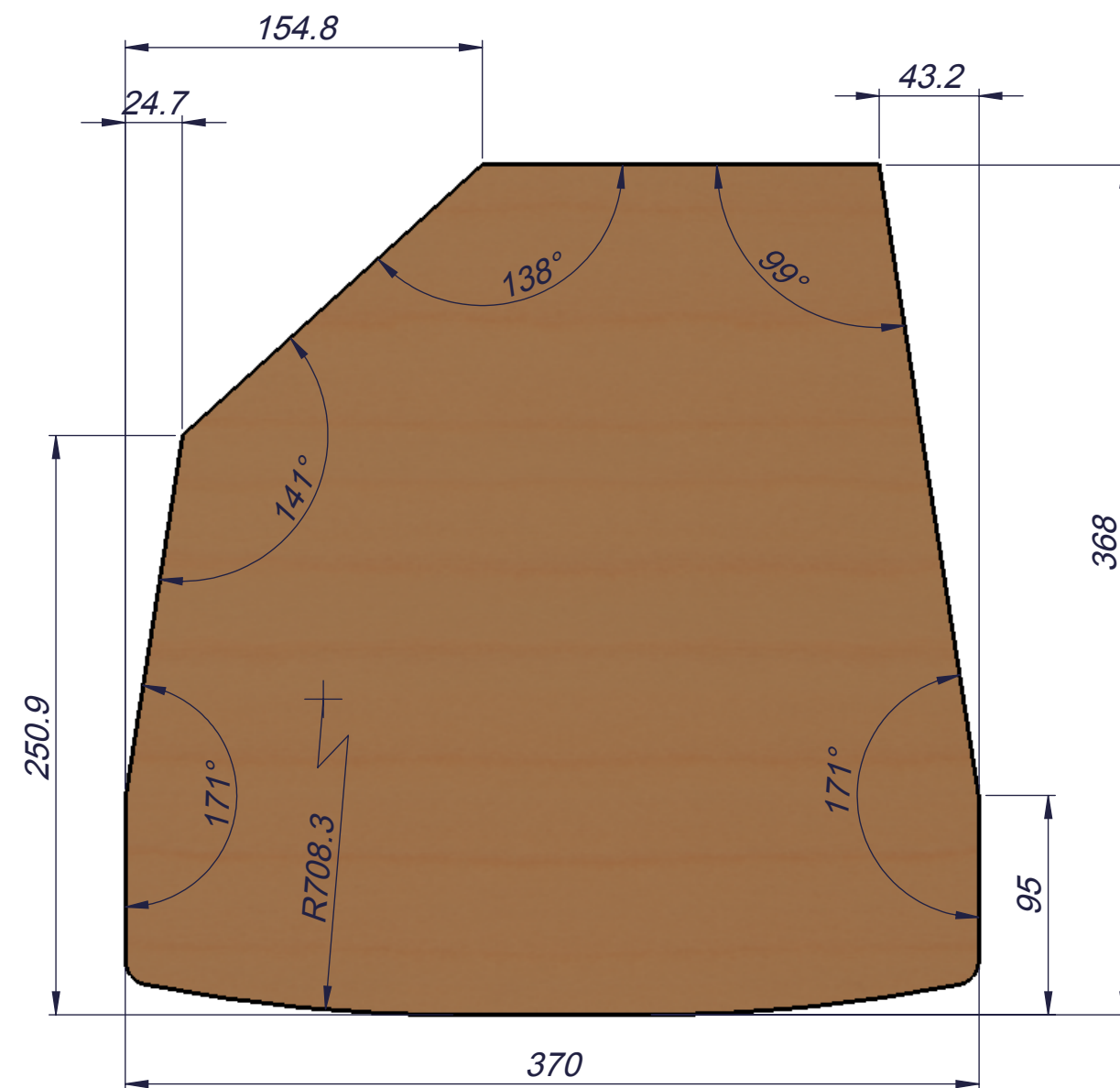
EXPLODED VIEW



PARTS LIST

ITEM N°.	PARTS DIMENSIONS	QTY.
1	370 x 386 x 15	2
2	370 x 600 x 15	1
3	52 x 600 x 15	2
4	276.4 x 600 x 15	1
5	172 x 600 x 15	1
6	175 x 600 x 15	1
7	157.8 x 600 x 15	1
8	45.2 x 103 x 15	1
9	60 x 88 x 15	2
10	42.6 x 202 x 15	1
11	45.9 x 202 x 15	1
12	340 x 310 x 15	1

TOP AND BOTTOM PARTS



Technical drawing of a mechanical part, likely a flange or base plate, showing dimensions and features.

Overall Dimensions:

- Overall Width: 219
- Overall Height: 600
- Inner Width (Top): 200
- Inner Width (Bottom): 370
- Inner Height (Top): 170
- Inner Height (Bottom): 178

Top Section Details:

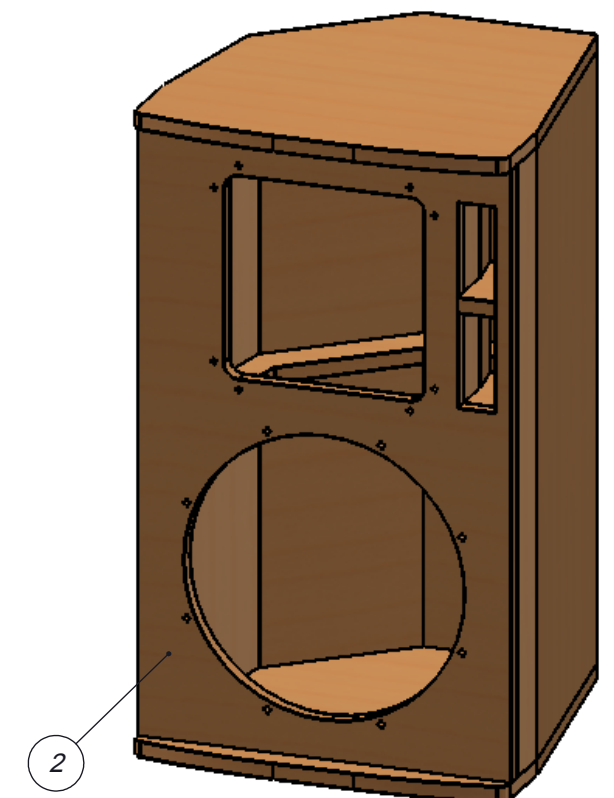
- Top Flange Thickness: 38.50
- Top Flange Width: 219
- Top Flange Inner Width: 200
- Top Flange Inner Height: 170
- Top Flange Outer Height: 37.50
- Top Flange Inner Height (excluding top flange): 202
- Top Flange Thickness (Right Side): 15
- Top Flange Thickness (Left Side): 38
- Top Flange Thickness (Bottom): 38.50
- Top Flange Thickness (Right Side): 38
- Top Flange Thickness (Left Side): 15

Bottom Section Details:

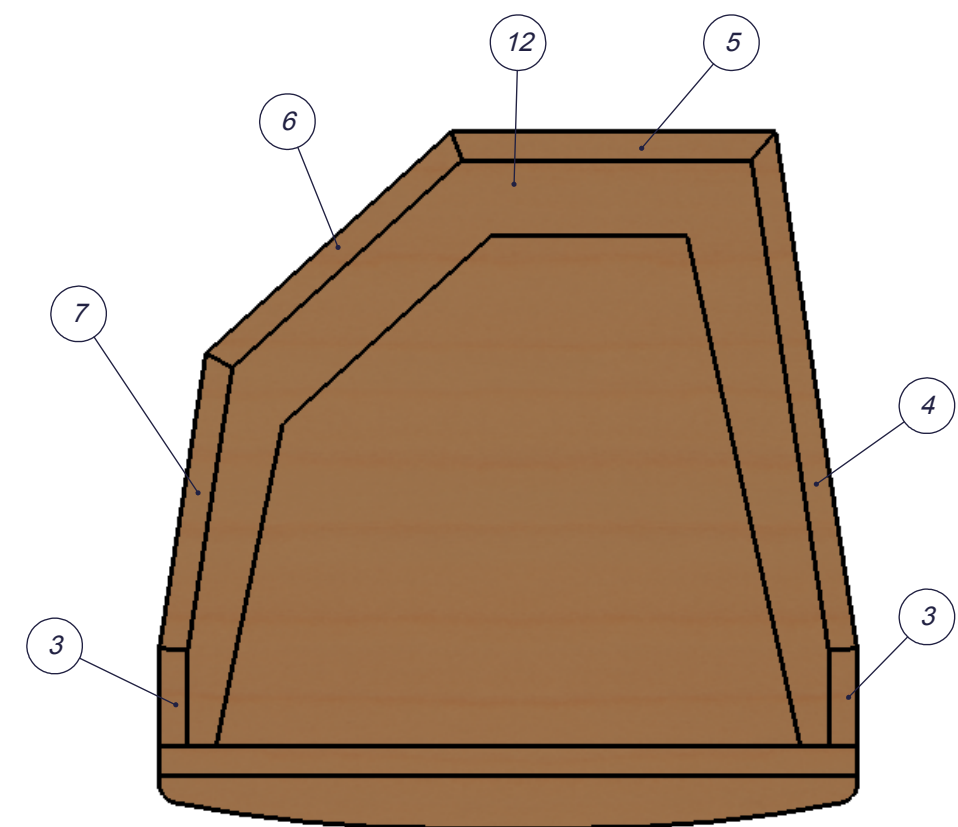
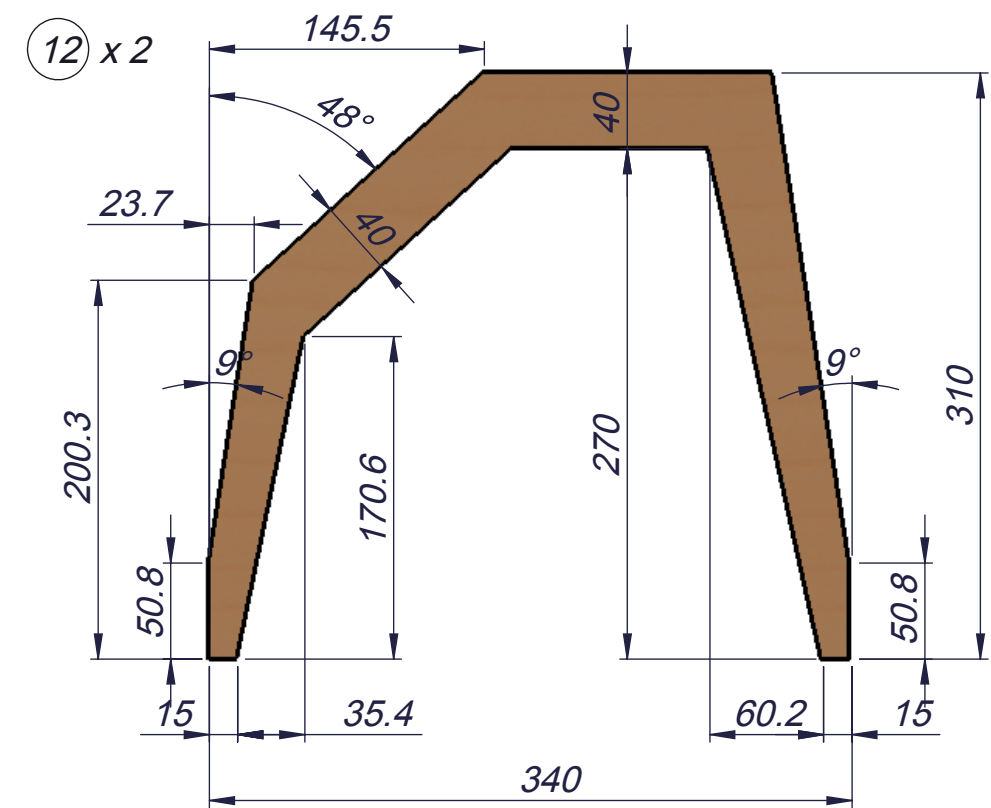
- Bottom Flange Thickness: 38.50
- Bottom Flange Width: 370
- Bottom Flange Inner Width: 370
- Bottom Flange Inner Height: 178
- Bottom Flange Outer Height: 37.50
- Bottom Flange Inner Height (excluding bottom flange): 202
- Bottom Flange Thickness (Right Side): 15
- Bottom Flange Thickness (Left Side): 38
- Bottom Flange Thickness (Bottom): 38.50
- Bottom Flange Thickness (Right Side): 38
- Bottom Flange Thickness (Left Side): 15

Features and Labels:

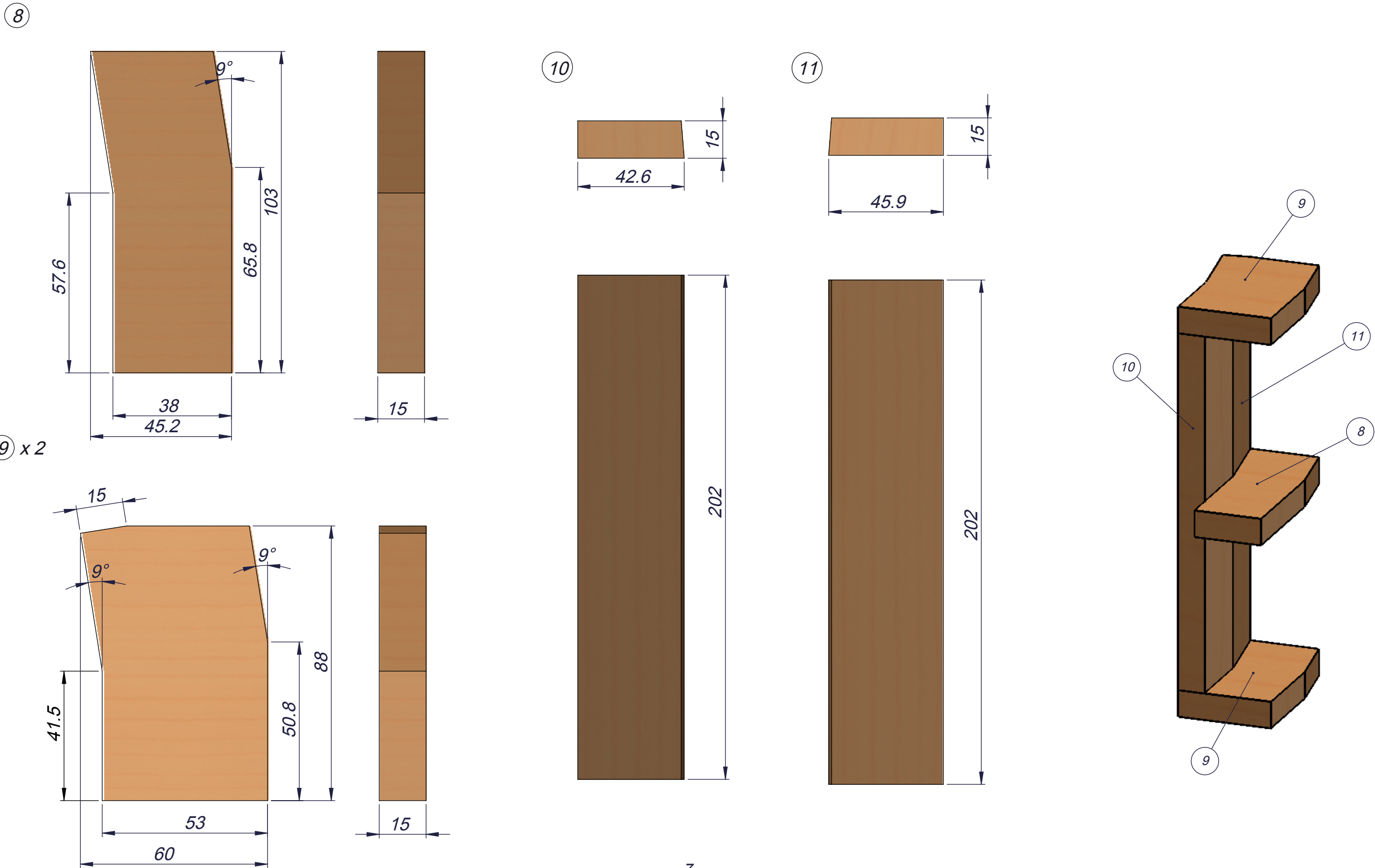
- Top Flange:** A rectangular flange with a central hole of diameter $\phi 5.50$ and a radius of $R15$.
- Bottom Flange:** A circular flange with a central hole of diameter $\phi 295.50$ and a radius of $R15$.
- Top Flange Thickness:** Indicated by dimension lines and labels: 38.50, 38, 15, 37.50, 202.
- Bottom Flange Thickness:** Indicated by dimension lines and labels: 38.50, 38, 15, 37.50, 202.
- Top Flange Width:** Indicated by dimension lines and labels: 219, 200, 170, 85.
- Bottom Flange Width:** Indicated by dimension lines and labels: 370, 178.
- Top Flange Height:** Indicated by dimension lines and labels: 37.50, 202.
- Bottom Flange Height:** Indicated by dimension lines and labels: 37.50, 202.
- Top Flange Thickness:** Indicated by dimension lines and labels: 38.50, 38, 15, 37.50, 202.
- Bottom Flange Thickness:** Indicated by dimension lines and labels: 38.50, 38, 15, 37.50, 202.



INNER REINFORCEMENT



VENT ASSEMBLY



beyma **FR-WR**

FULL RANGE 2 WAY SYSTEM SERIES

