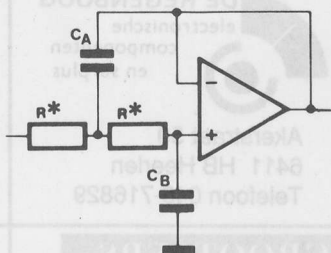


laagdoorlaat 12 dB / okt.
alle R's gelijk ca. 4,7...10 k Ω



Bessel

$$C_A = \frac{0,9076}{2 \pi f \cdot R}$$

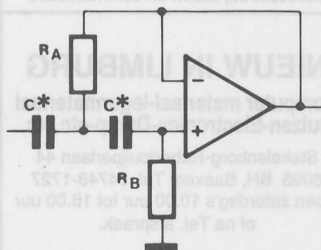
$$C_B = \frac{0,6809}{2 \pi f \cdot R}$$

Butterworth

$$C_A = \frac{1,414}{2 \pi f \cdot R}$$

$$C_B = \frac{0,7071}{2 \pi f \cdot R}$$

hoogdoorlaat 12 dB / okt.
alle C's gelijk ca. 4,7...10 nF



Bessel

$$R_A = \frac{1,1017}{2 \pi f \cdot C}$$

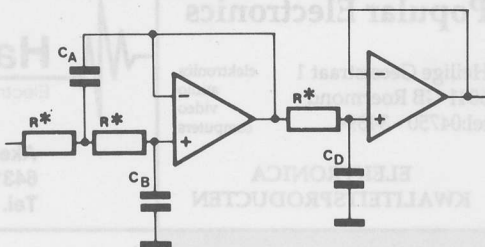
$$R_B = \frac{1,4688}{2 \pi f \cdot C}$$

Butterworth

$$R_A = \frac{0,7071}{2 \pi f \cdot C}$$

$$R_B = \frac{1,414}{2 \pi f \cdot C}$$

laagdoorlaat
18 dB / okt.
alle R's gelijk
ca. 4,7...10 k Ω



Bessel

Butterworth

$$C_A = \frac{0,9548}{2 \pi f \cdot R}$$

$$C_A = \frac{2}{2 \pi f \cdot R}$$

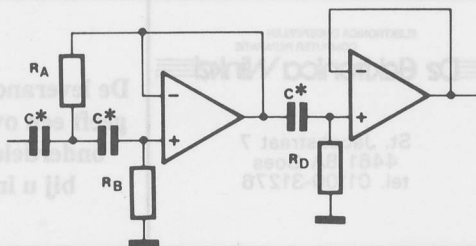
$$C_B = \frac{0,4998}{2 \pi f \cdot R}$$

$$C_B = \frac{0,5}{2 \pi f \cdot R}$$

$$C_D = \frac{0,7560}{2 \pi f \cdot R}$$

$$C_D = \frac{1}{2 \pi f \cdot R}$$

hoogdoorlaat
18 dB / okt.
alle C's gelijk
ca. 4,7...10 nF



Bessel

Butterworth

$$R_A = \frac{1,0474}{2 \pi f \cdot C}$$

$$R_A = \frac{0,5}{2 \pi f \cdot C}$$

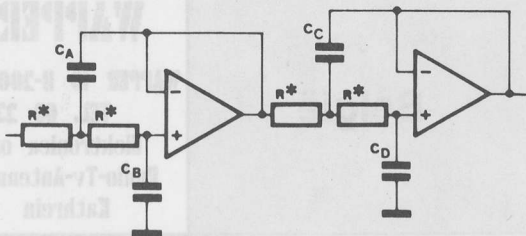
$$R_B = \frac{2,008}{2 \pi f \cdot C}$$

$$R_B = \frac{2}{2 \pi f \cdot C}$$

$$R_D = \frac{1,3228}{2 \pi f \cdot C}$$

$$R_D = \frac{1}{2 \pi f \cdot C}$$

laagdoorlaat
24 dB / okt.
alle R's gelijk
ca. 4,7...10 k Ω



Bessel

$$C_A = \frac{0,7298}{2 \pi f \cdot R}$$

$$C_B = \frac{0,6699}{2 \pi f \cdot R}$$

$$C_C = \frac{1,0046}{2 \pi f \cdot R}$$

$$C_D = \frac{0,3872}{2 \pi f \cdot R}$$

Butterworth

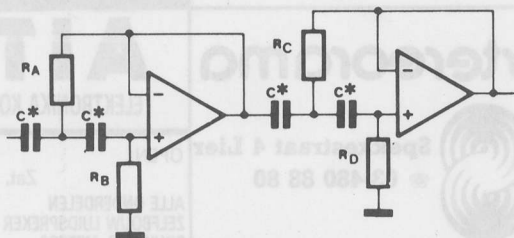
$$C_A = \frac{1,0824}{2 \pi f \cdot R}$$

$$C_B = \frac{0,9239}{2 \pi f \cdot R}$$

$$C_C = \frac{2,6130}{2 \pi f \cdot R}$$

$$C_D = \frac{0,3827}{2 \pi f \cdot R}$$

hoogdoorlaat
24 dB / okt.
alle C's gelijk
ca. 4,7...10 nF



Bessel

$$R_A = \frac{1,3701}{2 \pi f \cdot C}$$

$$R_B = \frac{1,4929}{2 \pi f \cdot C}$$

$$R_C = \frac{0,9952}{2 \pi f \cdot C}$$

$$R_D = \frac{2,5830}{2 \pi f \cdot C}$$

Butterworth

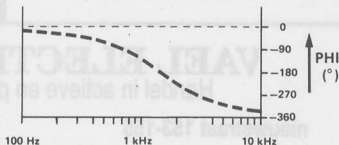
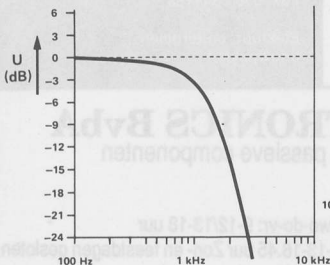
$$R_A = \frac{0,9239}{2 \pi f \cdot C}$$

$$R_B = \frac{1,0824}{2 \pi f \cdot C}$$

$$R_C = \frac{0,3827}{2 \pi f \cdot C}$$

$$R_D = \frac{2,6130}{2 \pi f \cdot C}$$

Bessel



Butterworth

