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Pass Band Attenuation(in dB): 4
Stop Band Attenuation(in dB): 16
Pass Band Frequency(in rad/sec): 4*pi
Stop Band Frequency(in rad/sec): 6*pi
Method for transformation to digital filter:-Impulse-Invariant/Bilinear-Approximation: Bilinear
Sampling Time(s): 0.1
Type of Filter:-Butterworth/Chebyshev Type-1: Chebyshev Type-1

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Ha =

$$\frac{(403.5-1.066e-13i)}{s^3 + 6.288 s^2 + (138.2+7.105e-15i) s + (403.5-1.066e-13i)}$$

Continuous-time transfer function.

Hd =

$$\frac{(0.02949+1.799e-18i) z^3 + (0.08846+5.398e-18i) z^2 + (0.08846+5.398e-18i) z + (0.02949+1.799e-18i)}{z^3 - (1.647+6.186e-16i) z^2 + (1.457+6.847e-16i) z - (0.5734+2.117e-16i)}$$

Sample time: 0.1 seconds

Discrete-time transfer function.

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