

# SphericalHankelH1

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## Notations

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### Traditional name

Hankel spherical function of the first kind

### Traditional notation

$$h_v^{(1)}(z)$$

### Mathematica StandardForm notation

SphericalHankelH1[ $v$ ,  $z$ ]

## Primary definition

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03.23.02.0001.01

$$h_v^{(1)}(z) = \sqrt{\frac{\pi}{2}} \frac{1}{\sqrt{z}} H_{v+\frac{1}{2}}^{(1)}(z)$$

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