

SQRS

SQRS returns the square root of an unbounded numeric expression for physical quantities that have a direction, so greater, less than or equal to zero

Syntax

SQRS(NumExpr)

Arguments

- NumExprs unbounded, so greater, less than or equal to zero.

Remarks

1. SQRS is important for physical quantities that have a direction (expressed by a + or - sign) and that are used quadratic in expressions.
2. **Please note that SQRS is not the same as [SQRT\(\)](#):**

SQRS(x) is equivalent to [SGN\(x\)](#)*[SQRT\(ABS\(x\)\)](#)

Examples

SQRS(16)

returns

4

SQRS(-16)

returns

-4

Quick links: [Functions overview](#) | [Attribute overview](#) | [Constants overview](#) | [Dimensions overview](#)