

# NAG Fortran Library Routine Document

## X02AKF

**Note:** before using this routine, please read the Users' Note for your implementation to check the interpretation of *bold italicised* terms and other implementation-dependent details.

### 1 Purpose

X02AKF returns the smallest positive model number, i.e.,  $b^{e_{\min}-1}$ , where  $b$  is the base,  $p$  is the precision (i.e., the number of significant base- $b$  digits) and  $e_{\min}$  is the minimum exponent.

### 2 Specification

*double precision* FUNCTION X02AKF ( )

### 3 Description

None.

### 4 References

None.

### 5 Parameters

None.

### 6 Error Indicators and Warnings

None.

### 7 Accuracy

None.

### 8 Further Comments

None.

### 9 Example

See Section 9 of the document for X02AJF.

---