

NAG Library Routine Document

X02BEF

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

X02BEF returns the maximum number of decimal digits which can be accurately represented over the whole range of floating-point numbers.

2 Specification

```
FUNCTION X02BEF (X)
INTEGER X02BEF
REAL (KIND=nag_wp) X
```

3 Description

None.

4 References

None.

5 Arguments

1: X – REAL (KIND=nag_wp) *Dummy*

6 Error Indicators and Warnings

None.

7 Accuracy

None.

8 Parallelism and Performance

X02BEF is not threaded in any implementation.

9 Further Comments

None.

10 Example

See Section 10 in X02AJF.
