

NAG Library Routine Document

F06BNF

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

F06BNF returns the value $\sqrt{a^2 + b^2}$ via the function name.

2 Specification

```
FUNCTION F06BNF (A, B)
REAL (KIND=nag_wp) F06BNF
REAL (KIND=nag_wp) A, B
```

3 Description

None.

4 References

None.

5 Arguments

- | | | |
|----|---------------------------------------|--------------|
| 1: | A – REAL (KIND=nag_wp) | <i>Input</i> |
| | <i>On entry:</i> the value <i>a</i> . | |
| 2: | B – REAL (KIND=nag_wp) | <i>Input</i> |
| | <i>On entry:</i> the value <i>b</i> . | |

6 Error Indicators and Warnings

None.

7 Accuracy

Not applicable.

8 Parallelism and Performance

F06BNF is not threaded in any implementation.

9 Further Comments

None.

10 Example

None.
