

NAG Fortran 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

```
double precision FUNCTION F06BNF (A, B)  
double precision           A, B
```

3 Description

None.

4 References

None.

5 Parameters

- | | | |
|----|---------------------------------------|--------------|
| 1: | A – <i>double precision</i> | <i>Input</i> |
| | <i>On entry:</i> the value <i>a</i> . | |
| 2: | B – <i>double precision</i> | <i>Input</i> |
| | <i>On entry:</i> the value <i>b</i> . | |

6 Error Indicators and Warnings

None.
