

# NAG Library Function Document

## nag\_pi (X01AAC)

### 1 Purpose

nag\_pi (X01AAC) returns the numerical value of  $\pi$ .

### 2 Specification

```
#include <nag.h>
#include <nagx01.h>
double nag_pi
```

### 3 Description

nag\_pi (X01AAC) is a constant defined in the C Header file.

### 4 References

None.

### 5 Arguments

None.

### 6 Error Indicators and Warnings

None.

### 7 Accuracy

The result should be correct to *machine precision* (see Chapter x02).

### 8 Parallelism and Performance

nag\_pi (X01AAC) is not threaded in any implementation.

### 9 Further Comments

None.

### 10 Example

None.

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