```
RkMatrix< Number >
- A
- B
rank

    formal rank

- m
- n
+ RkMatrix()
+ reinit()
+ get_rank()
+ get formal rank()
+ convertToFullMatrix()
+ restrictToFullMatrix()
+ restrictToFullMatrix()
+ print formatted()
+ print formatted to mat()
+ truncate to rank()
+ vmult()
+ Tvmult()
+ add()
+ add()
+ add()
+ add()
```