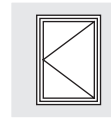
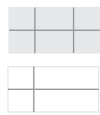
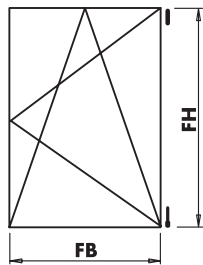


# Application diagram

H58.AWDL006EN



## Restrictions on sash formats for tilt and turn/turn elements



permissible application range

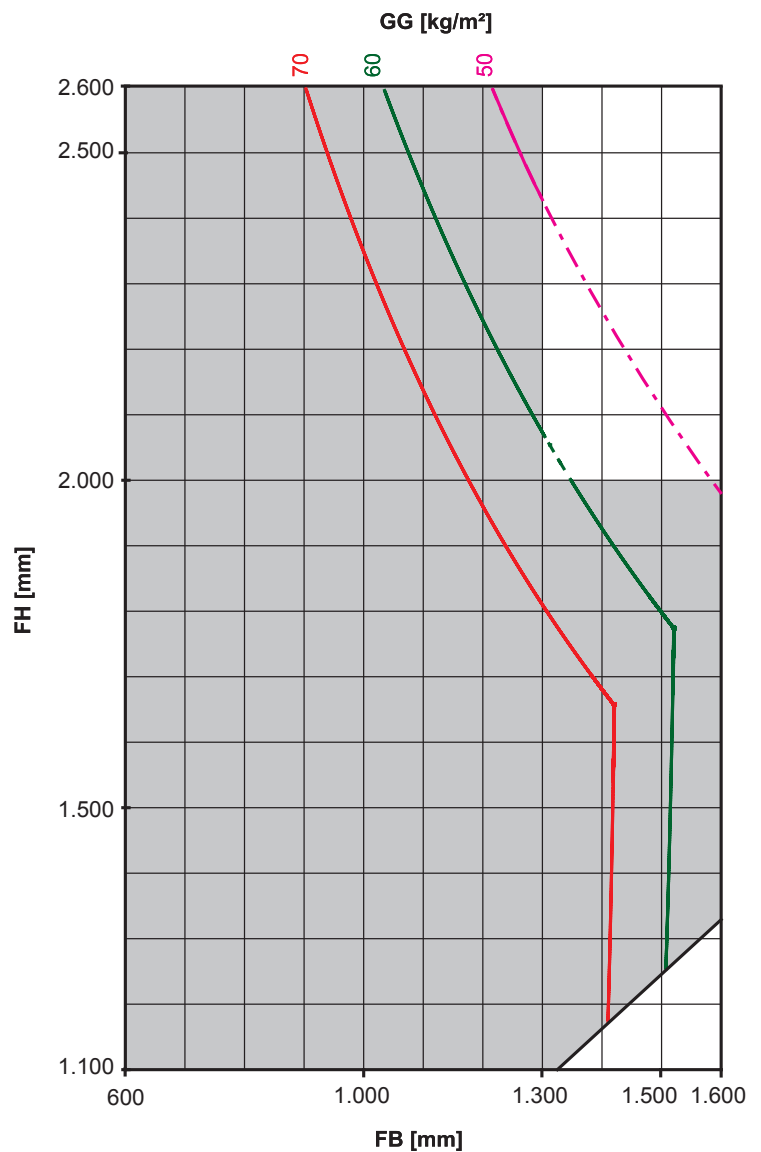
outside the limits

FH = sash height

FB = sash width

### Testing and calculation specifications:

- Tilt & turn testing in accordance with QM 328 Appendix 2 – Figure A:
  - 15,000 tilt & turn cycles
  - 10,000 turn cycles
- Additional loads in accordance with EN 14608 (Figure A.1) / Class 4 in accordance with EN 13115 (800 N) taken into account



### Requirements for the use of the size range chart:

- Proof that the load-bearing components have been attached to the window system by the window manufacturer in accordance with TBDK using the following forces:
  - To the top hinge with 4,710 N
  - To the bottom hinge with 4,910 N
- Comply with the following values for all window systems:
  - Max. width-to-height ratio  $QW/H \leq 1.2$
  - Reduction in glass size  $CG \geq 20$  mm
  - Profile weight  $PW \leq 3.6$  kg/m
- Observe the notes on proper use:
  - basics and use of the application diagrams - see document H58.AWD\_BG\_EN