

# Product Overview VARIANT®

The universal hinge system for heavy-duty doors



**VARIANT**  
Products at  
a glance

# VARIANT® – HIGHLY VERSATILE WITH MAXIMUM LOAD CAPACITIES

The VARIANT hinge system for heavy-duty doors provides universal applicability and an elegant appearance combined with a high technical standard. Its load capacities of up to 400 kg and safety testing with CE certifications, as well as its 3D adjustability and maintenance-free slide bearings make this hinge system an excellent solution. VARIANT hinge systems are particularly suited for use on fire or smoke resistant doors, on doors used in escape or rescue routes, as well as on doors with extremely high load capacities of up to 400 kg.

The VARIANT heavy-duty door hinge programme is available in a wide range of different finishes enabling a perfect match to the overall interior design concept. There is also a selection of different knuckle diameters and knuckle lengths available.

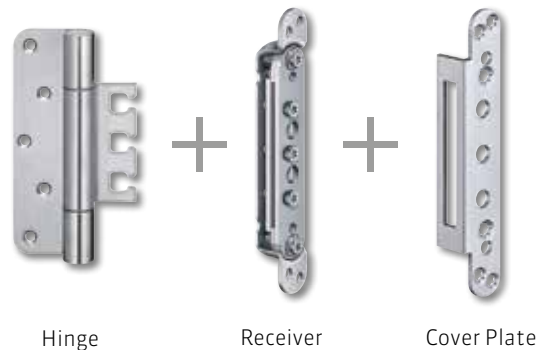
## Receivers

The integral unit comprising hinge, receiver and cover provides the right function for each application. Receivers are optically matched to the hinges using cover plates with a comparable finish.

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### THE FEATURES AT A GLANCE

- › load capacities up to 400 kg
  - › model versions available in knuckle lengths of 100 mm, 120 mm and 160 mm
  - › wide range of different finishes
  - › for timber, steel and aluminium frames
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# VARIANT® – FOR UNIVERSAL APPLICATION

 SIMONSWERK



**VARIANT Planum**  
with reduced, elegant knuckle,  
load capacities up to 160 kg



**VARIANT VX**  
model versions available in  
knuckle lengths of 100 mm,  
120 mm and 160 mm



**VARIANT Compact**  
with adjustment in the door leaf,  
load capacities from 120 to 160 kg



**VARIANT VBRplus**  
for high performance  
heavy-duty doors,  
load capacities  
up to 400 kg



**VARIANT Care**  
swing-clear hinge for unrebated  
heavy-duty doors in health care  
facilities, load capacities up to 100 kg



**VARIANT Finger Protection**  
for doors with finger  
protection specifications,  
load capacities up to 120 kg

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