


### Safety intermediate flange

For certified encoder attachments including extreme operating conditions



Certified flange attachment for safety encoders

Tailor-made interfaces to machine housing

High endurance rating to IEC 61800-5-2

Corrosion-resistant aluminium casing

Safety with certificate

Designed for extreme operating conditions

Variable lengths and diameters

Assembly opening to easily secure the coupling

Safer shaft connection thanks to HKS type safety couplings

For Functional Safety use



Customized mechanical interface to machine housing with individually sized spacer rings.



Variable lengths and diameters depending on the coupling type and attachment distance.



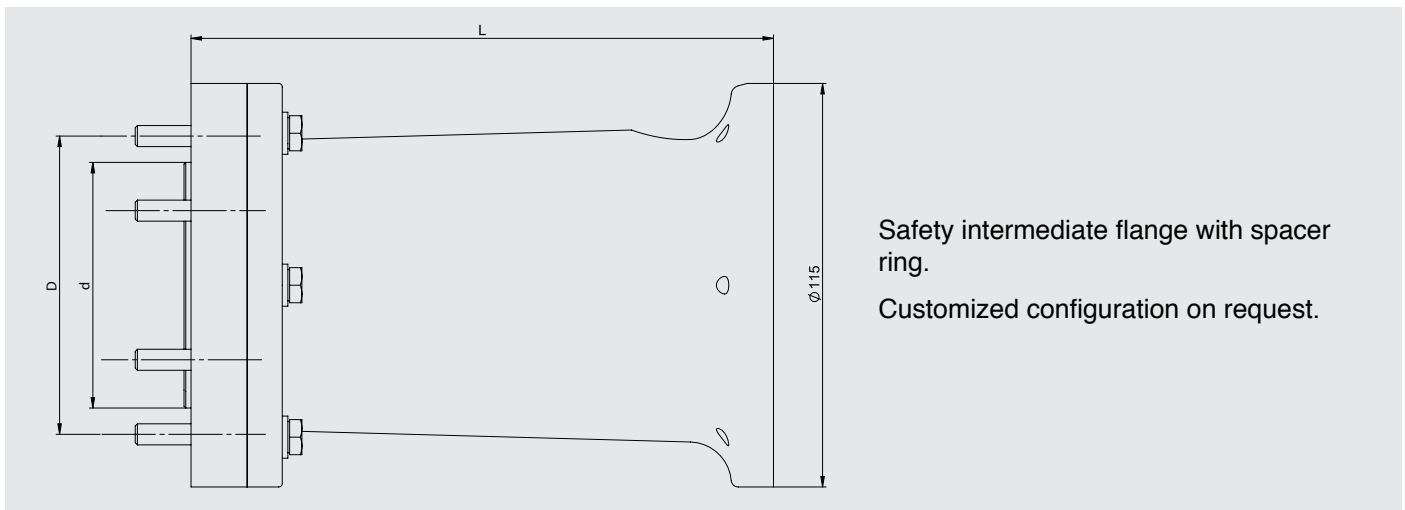
Assembly opening to easily secure the coupling.

### Safety system solution for solid shaft encoders with flange attachment (B5)



- 1 Safety encoder
- 2 Safety intermediate flange
- 3 Safety coupling
- 4 Safety spacer ring
- 5 Customer interface

Certified all-in solid shaft solution with safety-encoder and harmonized safety attachment parts.



#### Technische Daten

Shock resistance	up to 100 g briefly (to DIN EN 60068-2-27); 54 g permanent for encoder weights up to 4.2 kg; values for heavier encoder weights available on request
Vibration resistance	up to 20 g briefly (to DIN EN 60068-2-6); 17 g permanent for encoder weights up to 4.2 kg; values for heavier encoder weights available on request
Spacer ring	hole circle diameter $D \geq 85$ mm; centering $d \geq 65$ mm
Max. length	$L_{\max} = 250$ mm, depends on the weight of the encoder as well as local acceleration loads due to shock and vibration
Temperature range	-25 °C to +85 °C
Corrosion resistance	to DIN EN 60068-2-52

Further information about the suitable HKS safety couplings is available in our separate flyer. Give us a call.