

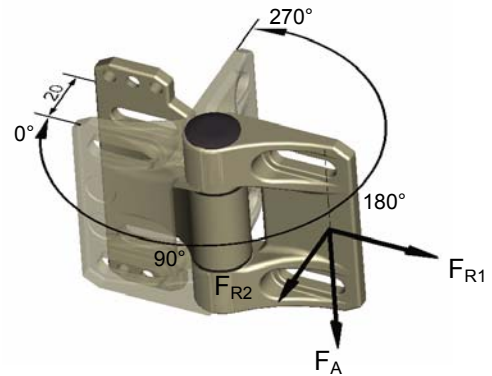
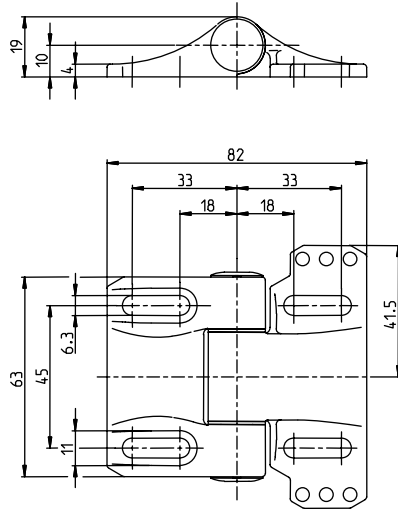
# Technical Data

## Accessory Safety switch

### Series SHS3

Description **SHS3-Scharnier**

Article number **6019390038**



swivel range: 0° bis 270°

### Mechanical Data

|                                                               |                                                     |
|---------------------------------------------------------------|-----------------------------------------------------|
| Hinge                                                         | Cast stainless steel                                |
| Ambient temperature                                           | -25°C to +70°C (no freezing over / no condensation) |
| Mechanical life                                               | 10 <sup>6</sup> operations                          |
| Switching frequency                                           | Max. 300 swiveling movements/h                      |
| Mounting                                                      | 4 x M6 screws DIN EN ISO 7984                       |
|                                                               | On flat and stiff ground                            |
| Weight                                                        | ≈ 0,27 kg                                           |
| Mounting position                                             | Any                                                 |
| Mechanical load                                               | $F_{R1}$ = max. 1800 N                              |
| ( for direction of loaded forces see the illustration below ) | $F_{R2}$ = max. 750 N                               |
|                                                               | $F_A$ = max. 1800 N                                 |

### Notes

The safety guard shall always be mounted using two SHS3 at least! See max. load. If the risk assessment of the machine permits a single-channel monitoring a blank hinge can be used as bearing element.

High forces, unfavourable force application as well as dynamic loads can shorten the service life.

The connecting cable shall be protected against mechanical damages.

The installation of the connecting cable can be done via pipes or cable ducts.

The manufacturer / supplier of the machine / equipment is obliged to take the applicable standards for the calculation of the safety distances of separating safety guards to hazardous areas into account.

Especially these standards apply: EN 349, EN 953, EN 1088, DIN EN ISO 13857, ... .

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