

### **Ball bearing Hinges**

- Mill slots on door and door frame in accordance with drawing (all dimensions from top of door) or check if existing milled slots are in the correct position. Door heights up to 2115mm to be installed with 2 hinges, higher doors with 3 hinges.
- Fix frame leaf (three-knuckle part) in cutout of frame.
- Fix door leaf (two-knuckle part) in cutout of door
- Place door in frame, fix top hinge first, then bottom hinge. Insert pins, but do not yet fix them!
- Check correct positioning and movement of the door, gap 2mm.
- In case of problem do not force the hinge but check for correct installation and positioning.
- Fix pins by gently driving them into the knuckle.
- Lubricate hinges after assembly with silicone spray, repeat annually.

### **Lift-off hinges**

- Mill slots on door and door frame in accordance with drawing (all dimensions from top of door) or check if existing milled slots are in the correct position. Door heights up to 2115mm to be installed with 2 hinges, higher doors with 3 hinges.
- Fix frame leaf (male part) in cutout of frame.
- Fix door leaf (female part) in cutout of door
- Lubricate hinges before installation with silicone spray, repeat annually.
- Place door in frame
- Check correct positioning and movement of the door, gap 2mm.
- In case of problem do not force the hinge but check for correct installation and positioning.

### **Hinges 804, 818 and project hinges**

- Mill slots on door and door frame in accordance with drawing (all dimensions from top of door) or check if existing milled slots are in the correct position. Door heights up to 2115mm to be installed with 2 hinges, higher doors with 3 hinges.
- Fix frame leaf (two-knuckle part) in cutout of frame.
- Fix door leaf (one-knuckle part) in cutout of door
- Place door in frame, fix top hinge first, then bottom hinge. Insert pins, but do not yet fix them!
- Check correct positioning and movement of the door, gap 2mm.
- In case of problem do not force the hinge but check for correct installation and positioning.
- Fix pins by gently driving them into the knuckle (804, 818) or fixing the screwtip (project hinges).
- Attention! Maintenance-free bearings – do NOT lubricate or grease!

### **Adjustable hinges (JS)**

- Mill slots on door and door frame in accordance with drawing (all dimensions from top of door) or check if existing milled slots are in the correct position. Door heights up to 2115mm to be installed with 2 hinges, higher doors with 3 hinges.
- Fix frame leaf of the hinge to the frame.
- Fix adjustable part of hinge in cutout on the door.
- Place door in frame, fix top hinge first, then bottom hinge. Insert pins, but do not yet fix them!
- Check correct positioning and movement of the door, gap 2mm.
- If necessary, adjust the gap by turning the adjustment screw.  
Reduce gap: CW rotation  
Enlarge gap: CCW rotation
- Fix pins by gently driving them into the knuckle.
- Lubricate hinges after assembly with silicone spray, repeat annually.