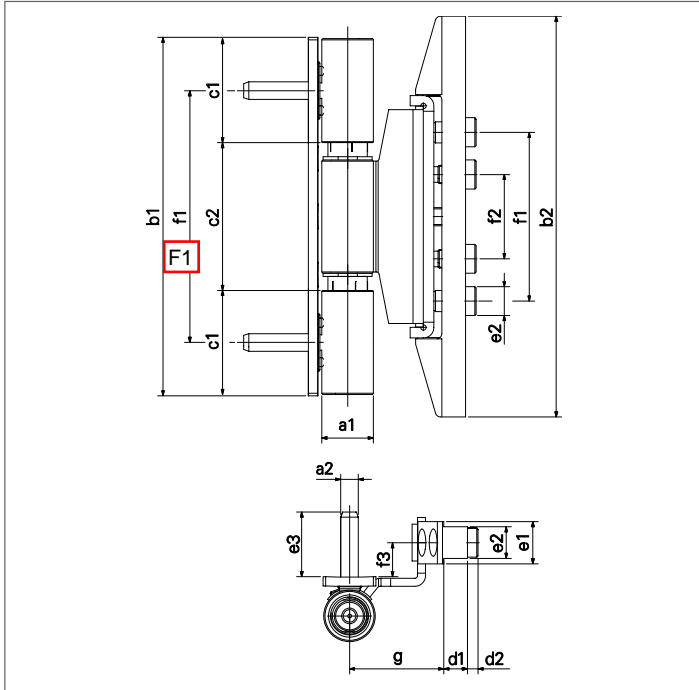


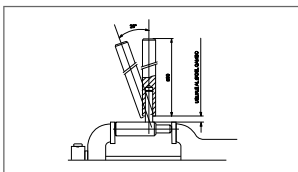
Technical data for hinge

D3D-20-000-BS
(Dynamic 3D Ø 20)

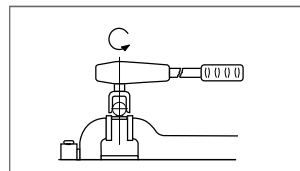


- a1: 20 mm
- a2: 6,7 mm
- b1: 136 mm
- b2: 152 mm
- c1: 39,5 mm
- c2: 56 mm
- d1: 9 mm
- d2: 4 mm
- e1: 16 mm
- e2: 11 mm
- e3: 24,5 mm
- f1: 64 mm
- f2: 32 mm
- f3: 13 mm
- g: 34 mm

F1 96 mm



After bending the welded bolt through 20° the weld must remain intact (no fracture).



Applying force to the body of the hinge with a torque meter, the weld should not break before 50 Nm

Raw Material: Carbon Steel + Zamak

Surface treatment:

Zinc coated min. 5µ
Powder coated white Ral 9010

Polyester min.100/120µ

Corrosion resistance in accordance to standard UNI EN 1670:

min. 1000 hours

Test in accordance to RAL Norm

Cycles tested: 200.000 Cycles
Door weight (with 2 hinges): 160 Kg

Durability test

Measurements	Cycles	Vertical wear (mm)	Lateral wear (mm)
1	5.000	0,10	0,03
2	10.000	0,12	0,04
3	15.000	0,16	0,04
4	30.000	0,20	0,06
5	50.000	0,20	0,15
6	75.000	0,21	0,29
7	90.000	0,23	0,31
8	120.000	0,27	0,31
9	150.000	0,31	0,53
10	200.000	0,32	0,59

Product Management:

Signature:

Date 20.04.2015



ISO 9001 : 2008 Quality Management System

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