DIN 28083:2017-11 (E)

Support brackets with reinforcing plate

Contents

Page

Foreword ... 3

1 Scope ... 4

2 Normative references ... 4

3 Designs ... 4
3.1 Designs and dimensions ... 4
3.2 Determination of the reinforcement plate thickness ... 7
3.3 Bracket mass ... 8

4 Materials ... 8

5 Connecting lugs for earthing and potential equalization ... 8

6 Designation ... 9

7 Welding ... 9

8 Bracket support loads ... 9

Figures

Figure 1 — Bracket with welded profile ... 5

Figure 2 — Bracket with edged profile ... 6

Figure 3 — Determination of coefficient C on the basis of the bracket size ... 8

Figure 4 — Permissible load, F_G, for brackets without insulation, as a function of the specified lever arms and material values ... 10

Figure 5 — Permissible load, F_G, for brackets with insulation s_3 as in Table 1, as a function of the specified lever arms and material values ... 11

Tables

Table 1 — Dimensions ... 7

Table 2 — Reference values for mass per bracket ... 8