

# DIN 28136-3:2019-05 (E)

## Agitator vessels - Part 3: Position and sizes of cover nozzles for glass lined steel agitator vessels

---

Contents	Page
Foreword .....	3
1 Scope .....	4
2 Normative references .....	4
3 Terms and definitions.....	4
4 Dimensions.....	5
4.1 General .....	5
4.2 Nozzle arrangement for vessels without assembly opening.....	7
4.2.1 $d_1 = 508$ mm to 1 000 mm, vessel type AE .....	7
4.2.2 $d_1 = 1\ 200$ mm to 2 000 mm, vessel type AE and $d_1 = 1\ 400$ mm to 2 000 mm, vessel type BE .....	9
4.2.3 $d_1 = 2\ 200$ mm, vessel type BE .....	11
4.2.4 $d_1 = 2\ 400$ mm to 3 600 mm, vessel type BE.....	12
4.3 Nozzle arrangement for vessels with assembly opening.....	14
4.3.1 $d_1 = 1\ 400$ mm and 1 600 mm, vessel type CE.....	14
4.3.2 $d_1 = 1\ 800$ mm, vessel type CE .....	16
4.3.3 $d_1 = 2\ 000$ mm, type CE .....	18
4.3.4 $d_1 = 2\ 200$ mm, vessel type CE .....	20
4.3.5 $d_1 = 2\ 400$ mm to 3 600 mm, vessel type CE.....	22
5 Designation .....	24
Annex A (informative) Explanatory notes .....	25
A.1 Dimensions.....	25
A.2 Nozzle arrangement for replacements.....	25
Bibliography .....	28