

DIN EN 12561-2:2011-10 (E)

Railway applications - Tank wagons - Part 2: Bottom emptying devices for liquid products including vapour return

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Requirements	5
4.1	General	5
4.2	Locks and seals	5
4.3	Dimensions	5
5	Bottom discharge line	5
5.1	General arrangement	5
5.2	Internal bottom valve	6
5.3	External valves	6
5.4	External branch pipes	6
5.5	Earthing devices	6
6	Vapour return line	7
7	Reserved spaces for connection devices	7
8	Threaded coupling	9
Annex A (informative) Quick couplings for vapour return		11
Bibliography		12
Figures Figure 1 -- General arrangement of bottom discharge line		6
Figure 2 -- Example of vapour line arrangement		7
Figure 3 -- Reserved spaces for connection devices		8
Figure 4 -- Coupling dimensions		9
Figure 5 -- Cap dimensions		10
Figure A.1 -- Dimensions of vapour return coupling		11
Table Table 1 -- Thread dimensions		9