DIN EN 16145:2013-03 (E)

Sanitary tapware - Extractable outlets for sink and basin mixers - General technical specification

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 9

3 Terms and definitions 9

4 Classification 9

5 Designation 10

6 Marking 10

7 Materials 10
7.1 Chemical and hygienic requirements 10
7.2 Exposed surface condition and quality of coating 10

8 Dimensional Characteristics 10
8.1 General 10
8.2 Connecting Dimensions 10
8.3 Special Cases 11

9 Leaktightness Characteristics 11
9.1 Leaktightness of the inlet connection and the spray plate 11
9.2 Leaktightness of manually operated spray mode selector 13
9.3 Leaktightness and operation of spray mode selectors with automatic return 13

10 Mechanical Characteristics 14
10.1 General 14
10.2 Mechanical Strength 14
10.3 Mechanical endurance of spray mode selectors 15
10.4 Thermal Shock Test 17

11 Hydraulic Characteristics 18
11.1 General 18
11.2 Flow rate - Test method 18

12 Backflow protection 20
12.1 General 20
12.2 Standard connection 21
12.3 Special connection 22

13 Acoustic characteristics 23
13.1 General 23
13.2 Procedure 23
13.3 Expression of results 23
13.4 Determination of acoustic group 23

14 Rotary connection 23
14.1 General 23
14.2 Test method 23

Annex A (informative) Pressure take-off tee 25

Bibliography 28