
British Standard Specification for
**Face-to-face, centre-to-face, end-to-end and
centre-to-end dimensions of valves**

Dimensions face-à-face, face à axe, entre extrémités et axe à extrémité des appareils de robinetterie —
Spécifications

Baulängen von Armaturen

Foreword

This revision of this British Standard has been prepared under the direction of the Piping Systems Components Standards Policy Committee and supersedes BS 2080 : 1974 which is withdrawn.

The main differences between this British Standard and BS 2080 : 1974 are as follows.

(a) Dimensions of steel valves used for general purposes are included for the first time in addition to dimensions for steel valves for use in the petroleum, petrochemical and allied industries.

(b) Dimensions of cast iron and copper alloy valves for general purposes are included for the first time.

(c) The general format is based on that given in ISO 5752 published by the International Organization for Standardization (ISO). Table 1 indicates where each series of valve dimensions is equivalent to an ISO 5752 basic series and also gives the origin of the series.

Although not included in ISO 5752, this British Standard has retained face-to-face and centre-to-face dimensions of valves with ring-joint flanges in accordance with BS 1560 : Section 3.1. It has also retained end-to-end and centre-to-end dimensions for butt-weld end valves and the rules for establishing face-to-face and centre-to-face dimensions of valves with flanges in accordance with BS 1560 : Section 3.1 but with facings other than 1.6 mm or 6.4 mm raised face or ring joint.

Basic series numbers 51 to 65 in table 1 are the additional series needed to cover butt-weld end valves and those flanged valves detailed in British Standard valve product standards but which are not included in ISO 5752.

Series 15 and 17 detailed in ISO 5752 are not included in this British Standard because they are not in common use in the UK or included in any British valve product standard.

Dimensions given in table 1 but which are not in agreement with ISO 5752 or are not included in ISO 5752 are shown in bold type.

(d) Dimensions for Class 400 valves have been omitted as this rating is no longer in common use.

This British Standard applies when specified by any one of the following valve product standards:

BS 1414	BS 5153	BS 5159
BS 1868	BS 5154	BS 5160
BS 1873	BS 5155	BS 5163
BS 5150	BS 5156	BS 5351
BS 5151	BS 5157	BS 5352
BS 5152	BS 5158	BS 5353

In certain valve product standards 'short' and 'long' series of valves are listed but reference to these terms has been omitted in this British Standard. When the valve product standards are revised the terms 'short' and 'long' will be omitted and instead reference will be made to the 'basic series' given in this standard.

Although this British Standard is intended for use in conjunction with the appropriate valve product standard, it may be used for specifying face-to-face, centre-to-face, end-to-end and centre-to-end dimensions of valves not covered by product standards.

Compliance with a British Standard does not of itself confer immunity from legal obligations.