

B&D PRODUCTS (HALIFAX) LTD

DATA SHEET #110 for:

GM Bossed Screwed Flanges – BS10 (1960) Tables D/E

General:

Bronze (gunmetal) flanges with Boss (Neck). To be used with threaded tubes for water (including potable), other fluids and sanitary applications. Centre Screwed BSP Parallel Thread.

Pressure-Temperature Ratings:

Table Reference	Temperature (Degrees C)						
	-10/120	150		200	230		260
	Maximum Permissible Working Pressure (bar)						
Table D	7	6.5		6	4.5		3.5
Table E	12	11.5		9.5	8.4		7

Note: Intermediate values may be inferred by linear interpolation.

Materials:

Cast Gunmetal conforming to BS1400 LG2. (CC491K)

Finishes:

Machined face (flat face) and edge. Back of boss machined and internally threaded.

Bolting:

The dimensions and finishes of bolting materials should comply with the following:-

-Studs: BS4439 Grade 4.8

-Hexagon Headed Bolts: BS3692 or BS4190 Grade 4.6

-Stud-bolts: BS4882 Carbon steel.

-Nuts: BS3692, BS4190 Grade 4, or BS4882 Grade 2H/M as appropriate.

Where washers are used, they should conform to BS4320 (1968) Table 3.

Gaskets:

Inside bolts gaskets should be used, with the material selection made with consideration of the suitability for the fluid, at the intended working temperature and pressure conditions.