



PTFE LINED EQUAL CROSS

Description

Flow-Tech Valves and Engineers PTFE Lined Equal Cross in Ductile Iron, Cast Steel and Stainless Steel Casted up to 150 NB Size, Above sizes as Fabricated.

Our PTFE Lined Equal Cross can be supplied with virgin liners or static dissipating (Anti-static) liners to prevent static build up within piping on site.

We are able to supply ptfе lined crosses up to 3"NB with a cast steel body, larger sizes and crosses with rotating flanges are supplied as fabrications. We can supply reducing lined crosses with one or two reduced bore branches.



Design Specifications

Flange : As per ANSI B 16.5/B 16.42

Face to Face : As per ANSI B 16.5 # 150

Other Flanges Drilling like DIN 2632 / 2633, BS 10 Table D, E or F are also available on request. Sizes above 6" fabricated from pipe

Options

Flange : Rotating, Fixed On / Off center DIN PN 10 / 16, BS 10, ASME 300, Mixed

Extras : Earthing Studs / Lugs, Vent Extensions

Geometry : Non Standard Dimensions



Technical Specifications

1) Size Range : 25 mm to 300 mm

2) Types : Equal Cross

3) End Connection : Both Sides fixed flanges – Rotating – Fixed On / Off Centres

4) Material : Steel Fabrication – ASTM A234 Gr. WPB with Flanges are as per ASTM A105, IS 2062 , Ductile Iron GGG40.3, ASTM A395, Cast Steel ASTM A216 Gr. WCB, ASTM A312 TP 304 / 316 : SCH.-40,

5) Flanges : Made IS 2062 Plates, ASTM A105, CF8 (SS304), CF8M (SS316)

6) Flange Dimensions : DIN PN10/16, BS 10, ASME 150 / 300, Mixed

7) Lining : Molded FEP, PFA

8) Lining Options : PVDF, PP, HDPE

9) Lining Thickness : Minimum 3.5 mm / 6.0 overall (± 1.0 Lining Tolerance)

10) Lining Spark Test : 20 KVDC After lining

11) Hydraulic Test : 29 Kg/Cm² After Lining