

High Performance Butterfly Valves

REALTEC

exploring infinity



Bray Global Uniformity:
All internal valve parts are interchangeable, no matter where in the world the valve is manufactured

TRIPLE OFFSET METAL SEATED
High Pressure zero Leakage
Metal to Metal Sealing

DOUBLE OFFSET METAL SEATED
Double offset metal seated

HIGH PERFORMANCE DOUBLE OFFSET
High Pressure zero Leakage

CRYOGENIC & LOW TEMPERATURE
Double offset with Unique Polar Seat

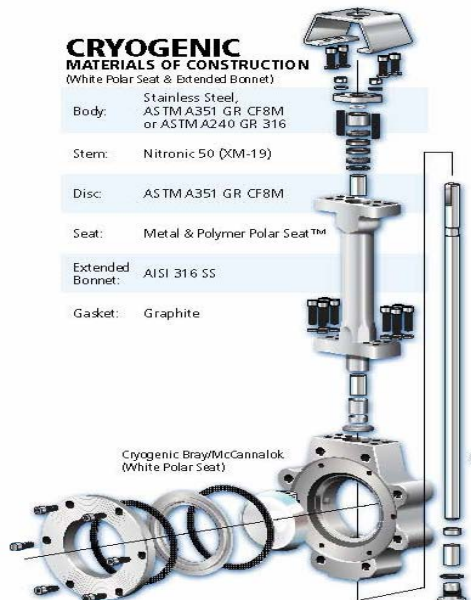
Replaceable Body Seat reduces field maintenance costs.
Optimized Disc Profile provides maximum strength and maximum flow capacity.
Replaceable Disc Seal reduces field maintenance costs.
Bearing Seals eliminate media solid ingresses.
Stem Bearings support the stem and eliminate galling.



Alignment Marks on body seat, disc, disc seal and disc seal retainer provide easy line assembly.
Splined Disc to Stem Connection assists Seal/Seat alignment, and eliminates hydraulic and external pin/taper pins.
Inboard Body Hub & Bearing System minimizes stem bending and stress, prevents process debris ingress and maintains body seat/disc Seal alignment.

CRYOGENIC MATERIALS OF CONSTRUCTION

- (White Polar Seat & Extended Bonnet)
- Body: Stainless Steel, ASTM A351 GR CF8M or ASTM A240 GR 316
 - Stem: Nitronic 50 (XM-19)
 - Disc: ASTM A351 GR CF8M
 - Seat: Metal & Polymer Polar Seat™
 - Extended Bonnet: AISI 316 SS
 - Gasket: Graphite



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