DESIGN FEATURES OF THE "SRS" SERIES BUTTERFLY VALVE RANGE

The "SRS" series butterfly valve range has many standard design features which provide the user with a multitude of operational benefits whilst in service.

1. UN1VERAL FLANGE FITTING
The "SRS" series valve is designed to fit into most standard flanging: -
ANSI 1251b/1501b, BS4504 PN10/16 BS10 Tables "D" and "E".

2. ISO MOUNTING FLANGE
Every valve has an ISO 5211 top mounting flange for easy actuation and fitting of other accessories.

3. REPLACEABLE SEAT
The valve seat can be fully replaced without the need for any special tooling.

4. ANTI BLOW-OUT STEM
The stem is provided with an anti blow-out proof retention system for safe operation and maintenance.

5. TWO PIECE STEM
By having a two piece, split stem design, the disc can be reduced in section providing a slim profile which offers many operational benefits.

6. STEM TO DISC DRIVE
The stem to disc connection is a machined square. No taper pins are used in the valves construction, which can be difficult to maintain and are unable to transmit the same level of torque as the machined square drive connection.

7. SELF CENTERING DISC
The disc can self centre itself as it is afforded axial movement via the two piece stem, floating coupling principle. This reduces possible wear of both the seat/liner and disc edge.

8. OPERATIONAL FEATURES
The slim disc profile provides high "CV"/"KV" values for process control and the design also helps to reduce pressure drops across the valve and also reduces pipeline turbulence.

9. EASE OF INSTALLATION
All wafer pattern valves are provided with four flange bolt guidance/location lugs to assist in the assembly into the pipework system.

10. BODY COATING
All valves are provided with a fusion bonded epoxy coating prior to assembly to a finished thickness of 50-70 microns.

11. BODY STYLE OPTIONS
The "SRS" series valves are available with wafer, lugged and "U" section double flanged body style options.

12. MATERIAL OPTIONS
Valves are available in a wide range of possible material options for the valve body, disc/stem and seats for operation in a wide range of process applications.