

FOURNESS

4S-V16

**COMPACT, HIGH PRESSURE
BUTTERFLY VALVES**



**The versatile,
powerful little performer**

Fouress 4S-V16 Butterfly Valves

Compact * Higher Pressure * Tight Shut-off

Supreme compactness *with* higher pressure capability

Introducing the Fouress 4S-V16 High Pressure Compact Seal Butterfly valve. Combining versatility with high performance and ease of operation, the 4S-V16 brings in modern design advantages to general purpose valves.

4S-V16 is designed to take higher pressure, upto 16 bar. With a soft seated wafer construction and a unique seat sealing design, the 4S-V16 scores over conventional gate and globe valves in every aspect. Its light weight and simplicity of construction ensures economy in operation and maintenance.

The world over, valves with the same technology as 4S-V16 have proven their mettle in very demanding environments. Now, Fouress makes the very same valves available to the Indian customer.

Wide applications

The 4S-V16's compact seal construction and flexibility of body, seat and disc materials render

it suitable for a wide range of fluids and gases: water, air, town gas, natural gas, animal and vegetable oils, mineral oils (except aromatic hydrocarbons), dilute acids and alkalis.

The 4S-V16 is ideal for high-pressure applications in air conditioning & refrigeration, ship building, fire fighting systems, water supply, sanitation lines, hotels, high-rise buildings, water distribution tankers and other general fluid isolation and control applications.

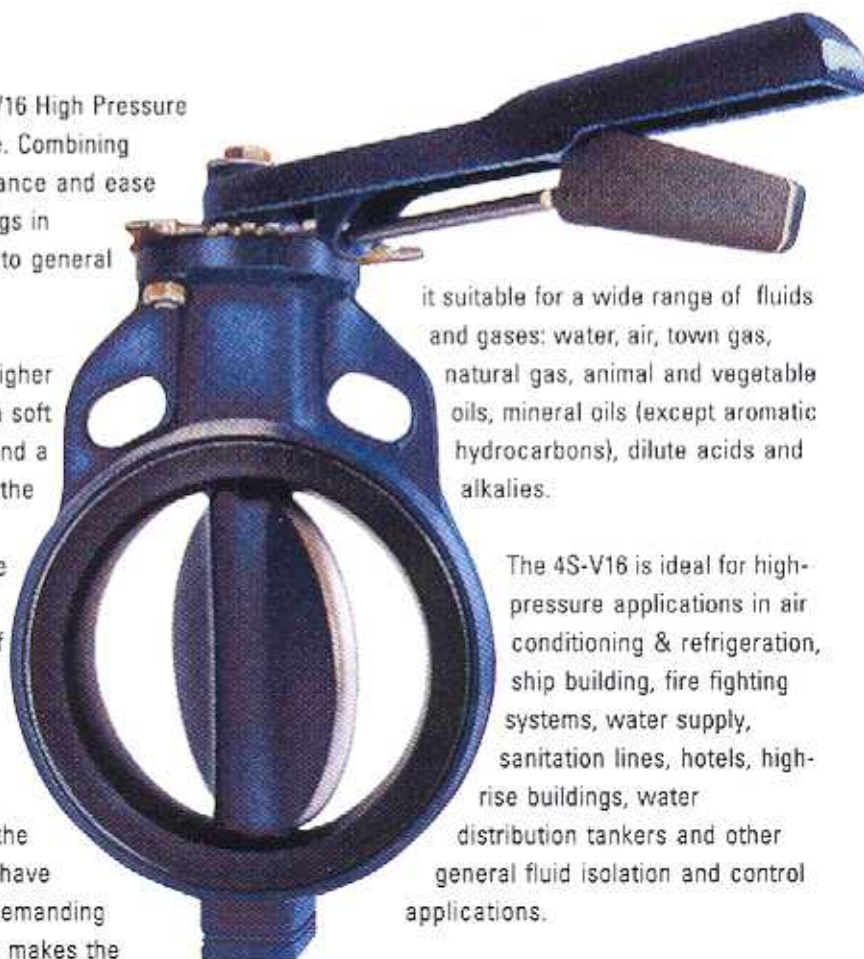
Sizes to suit your needs

Smaller sizes - from 50mm to 200mm (available with 10-position lock lever) Larger sizes - from 250mm to 600mm (available with worm gear operators).

Valves with Electric and Pneumatic actuators are also offered.

The 4S-V16 - Six-fold Advantage

- * Replaceable/renewable seals
- * Lower torque
- * Better sealing capacity
- * Smoothest opening/closing operation
- * Triple seal against external leakage



Salient Features

Centric disc construction with 1-piece body & replaceable seals

Fits without gaskets between flanges

Resists pressure rating up to 16 bar

Valve's copolymer bush reduces actuating torque

Ideally suitable for mounting between flanges to ANSI, DIN and BS standards

Developed after intensive endurance tests

User Benefits

Tight shut-off, both ways

Easy fitment

Higher-pressure application

Longer life

Versatile; easy fitment

Guaranteed high performance and durability

**Material of Construction**

Component	Material of Construction
Body	Cast Iron to IS 210 Grade FG 260 SG Iron to BS 2789 Grade 500/7 SG Iron to IS 1865 Grade 500/7
Disc	SG Iron to BS 2789 Grade 500/7 SG Iron to IS 1865 Grade 500/7 Stainless Steel to ASTM A 351 Gr. CF 8/CF 8M
Shaft	ASTM A 479 Type 410
Seal	NBR/EPDM
Bush	Acetal Copolymer

Test Pressure

Rating	Body/Disc	Seat
16 Bar	24 Bar	17.6 Bar

Standard Specifications

A multipurpose, soft-seated wafer butterfly valve, designed to fit without gaskets between flanges

Maximum service pressure
16 Kg/cm²

Service temperature
-20 to 120° C

Face to face distance
As per BS-5155 Wafer short

Applicable flanges
Suitable for mounting to ANSI, DIN and BS standards

4S-V16 with 10 Position Lock Lever

Size mm	φd mm	L mm	H1 mm	H2 mm	A mm
50	50	43	80	140	230
65	65	48	89	147	230
80	80	46	97	154	230
100	100	52	105	182	300
125	125	56	117	194	300
150	150	56	120	210	300
200	200	60	168	250	400

4S-V16 with Worm Gear

Size mm	φd mm	L mm	H1 mm	H2 mm	A mm	Wφ mm
250	250	68	205	285	247	200
300	300	78	230	310	282	200
350	336	92	255	328	317	315
400	386	102	310	403	363	315
450	436	114	335	433	363	400
500	486	127	370	463	363	450
600	586	154	420	543	448	500

FOURESS
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In the business of flow

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