



TM

Uni-Tech Valves & Pneumatics

ISO 9001 - 2008

3 WAY CONTROL VALVE (CONVERTING & MIXING)

MODEL NO : UT3WCV

REFERENCE STANDARDS

- Design : BS 1873/ASME B16.34 / API 600
- Face to Face : ASME B16.10
- Flange : B16.5/ BS4504/ ANSI B16.1
- Testing : API 598/ BS 6755 Part-1

UPTO 400°C

DESIGN FEATURES

- Pressure Class : ASA 150#
- End Connection : Flanged End
- Size Range : 1" to 12"

TECHNICAL SPECIFICATION

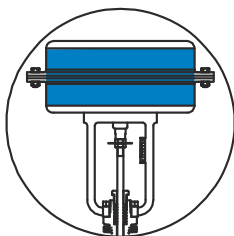
- Body & Plug : ASTM A 216 Gr. WCB/ A351 Gr.CF8 / CF8M
- Seat Ring : AISI SS304 / SS316 / 13%CR. / Stellite
- Spindle/Stem : AISI SS304 / SS316 / SS410
- Gasket : SSPW / CAF
- Stem : SS 410 / SS 304 / SS 316
- Bonnet & Tail Pc. : ASTM A216 Gr. WCB / A351 Gr. CF8 / CF8M
- Bonnet Stud & Nut : ASTM A193 Gr. B7 / A194 Gr. 2H / B8.8
- Gland Packing : Graphite / PTFE
- Gland Flange : ASTM A 216 Gr. WCB/ A351 Gr. CF8/CF8M
- Stem Lock Nut : Carbon Steel / Stainless Steel



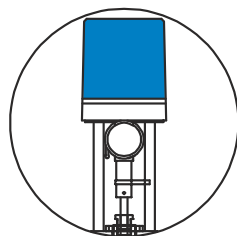
APPLICATIONS

Oil, Gas & Water | Steam | Petrochemicals | **Upto 400°C**

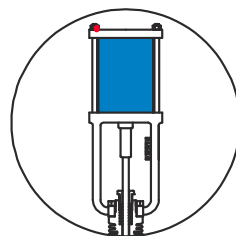
TYPE OF ACTUATORS



Diaphragm actuator



Motorized actuator



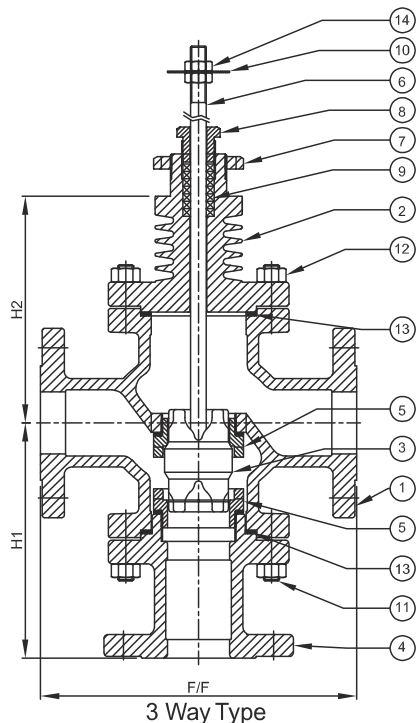
Cylinder actuator



ON/OFF



CONTROL



Sr. No.	Part Name
1	Body
2	Bonnet
3	Plug
4	Tail piece
5	Seat ring
6	Stem
7	Lock nut
8	Gland nut
9	Gland packing
10	Indic. Washer
11	Body stud
12	Body nut
13	Gasket
14	Stem lock nut
15	Name plate

DIMENSIONS (CLASS 150)

SIZE (NB)	25	40	50	65	80	100	125	150	200
FACE TO FACE	184	222	254	276	298	352	356	406	495
H1	133	178	189	207	219	285	280	288	347
H2	133	173	182	205	215	344	353	367	384
PCD	80	99	121	140	153	191	216	242	299
NO OF HOLES	4	4	4	4	4	8	8	8	8

SAILENT FEATURES

- The product designs are in accordance to ASME B16.34 / BS 1873 with reliable sealing & sturdy construction to ensure excellent performance.
- Back Seat arrangement to provide isolation of stuffing box for on-line serviceability.
- All trim material available as per API 600.
- Pressure sealed bonnet for ASME 150# and above to provide excellent sealing against increased line pressure. Self aligning disc is provided for proper sealing.
- Full range of Body / Bonnet & Trim material available.
- Valve Bypass / Deep stuffing box arrangement optionally available.
- Valves are available in Flange End & Butt Weld End connections
- Pneumatic / Electrical operator can be provided if required.
- Locking arrangement can be provided with hand wheel / Gear operator, if required.
- Position indicator / limit switches for ON-OFF indication provided on request.
- Parabolic disc can be provided on request.

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