

Fully Forged Zero Deadleg T Valve (ZDT) – EC or Manual Actuated

HC4 Diaphragm Valves

Typical Applications

- Bioreactors and fermenters.
- Sterile process lines.
- Sampling/injection points.

End Connections

Range of main line and sample port combinations to suit all international tube and clamp specifications.

Body Material

Forged stainless steel to 316L/ DIN 1.4435 specifications. Other materials are available on request.

Size Range

0.50"-2.00" (DN15 to DN50).

Operation

Fully compatible with Saunders' complete range of EC compact slotted actuators, ES actuators and manual bonnet options.

Diaphragms

Available with Saunders' unique range of fully traceable FDA-conforming diaphragms.

Surface Finish				
ASME BPE Code	Saunders Finish Code	Ra (Max)	Mechanical Polish	Electro-Polish
SFV1	7	20	Yes	No
SFV2	5	25	Yes	No
SFV3	3	30	Yes	No
SFV4	8	15	Yes	Yes
SFV5	2	20	Yes	Yes
SFV6	6	25	Yes	Yes
SFV7	1	10	Yes	Yes

HC4/035/01/11.02

Note:

- Positioning of the main line is optimized depending on tube specification.
- 0.75" Tee valves are derived from 0.50" or 1.00" forgings dependent on end specification.
- For dimensional information, see datasheet HC4/036/01/11.02.