

# Hilco Transfer Valves



## Valves can directly replace difficult valves in the field

### General

There are several three and six-way transfer valve designs currently being used that have, over the years, been improved upon. Problems encountered with these older designs are:

- **Leaking.** Straight plug designed valves leak substantially into the off-line ports. The closely machined plug and bore wear over time. Replacement plugs are costly.
- **Difficult jacking of plugs.** Valves with tapered plugs need to be jacked, then turned. This takes significant time.
- **Contaminated oil flows downstream when the older style valves are used on filters.** Tapered six-way plug valves are not sealed between the 'clean' and 'dirty' sides of the valve. These valves release dirty oil downstream of the filters when they are turned.
- **Unavailability of replacement parts.** Parts for the older valves are sometimes not available.

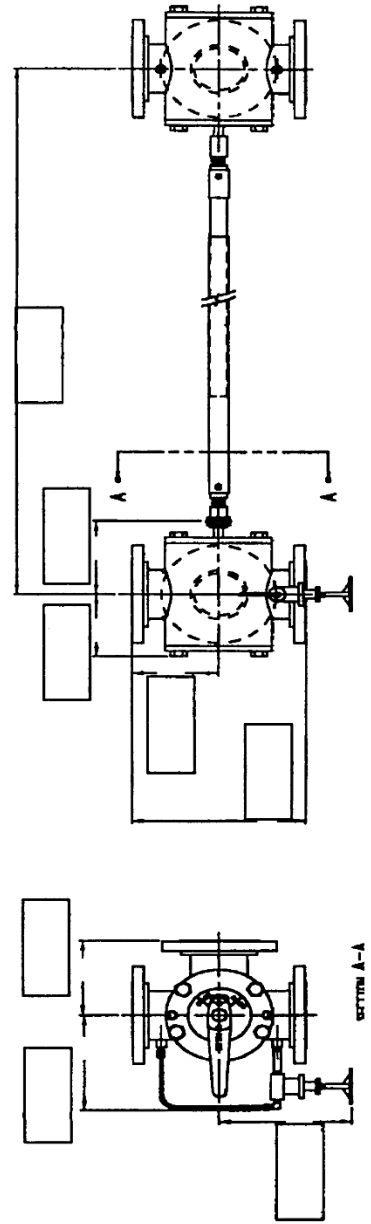
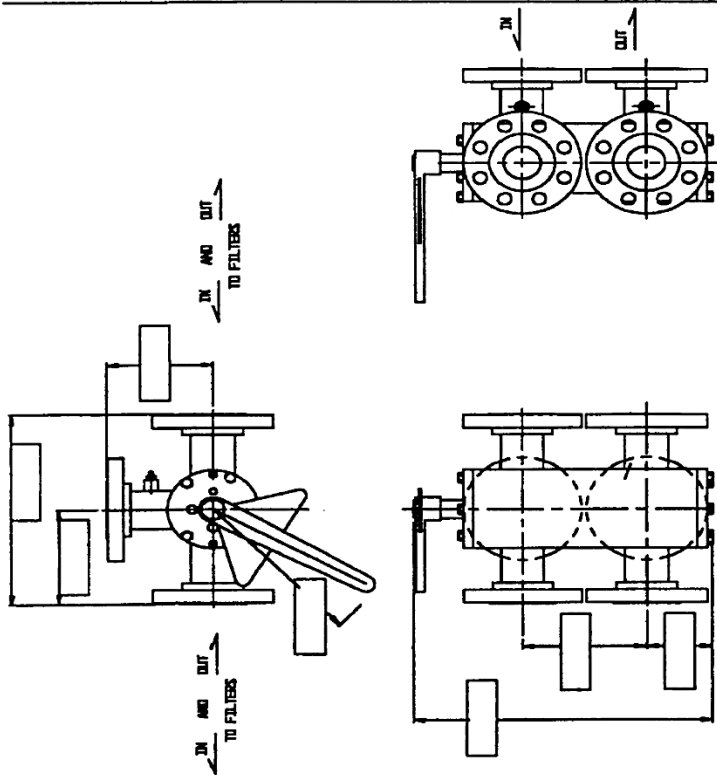
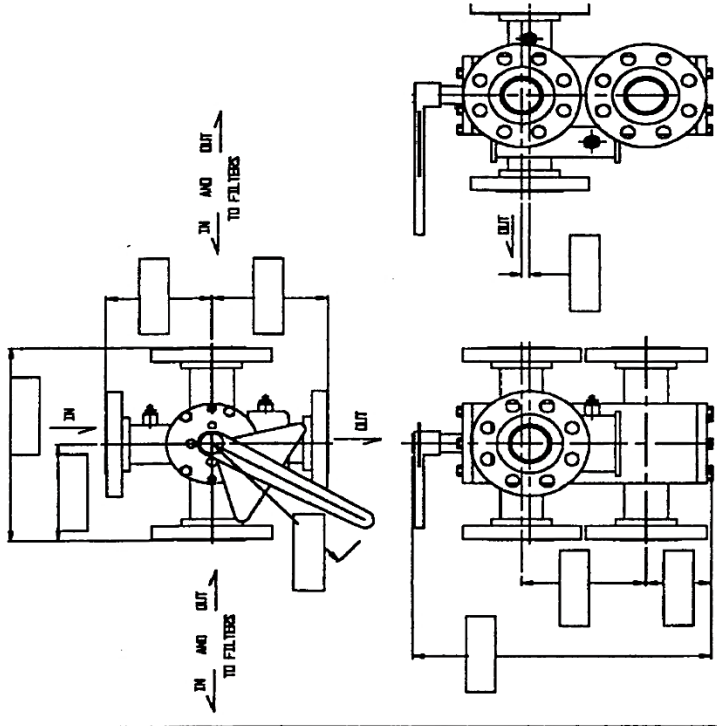


To address the problems encountered above, HILCO developed its own transfer valve in the mid 1970s. HILCO has replaced many older straight plug and tapered plug valves with the benefits we have to offer:

- **Little or no leaking.** HILCO's 'B' design transfer valves leak no more than 40 ml. per minute. HILCO's 'D' design valves have a tight 'zero leak' shut-off.
- **No jacking of the plugs.**
- **Easy, inexpensive rebuild.** If a valve needs servicing, only a set of pads and o-rings are required to rebuild the entire valve.
- **No contaminated oil downstream.** HILCO is also in the filter business so we realize the importance of not allowing dirty oil downstream.
- **Direct replacement.** For many valves in the field, HILCO valves will bolt right in.

### Cross referencing to HILCO valves

Since many valves are missing part numbers, it may be difficult to cross-reference the valve. The back of this brochure has dimensional fill-in-the-blanks to help you find a successful cross.



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