

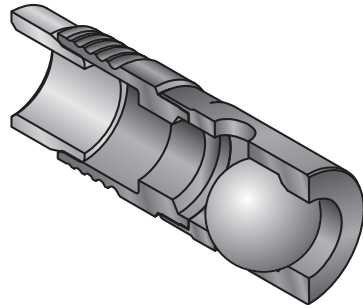
INSERT SHUTTLE VALVES

The IMH Shuttle valve is a miniature, economical and reliable solution to the problem of hydraulic isolation in manifolds. This valve features a compact, non-detented, selective design that is ideal as a signal for auxiliary functions, such as hydraulically released, spring applied brakes as well as load sensing applications.

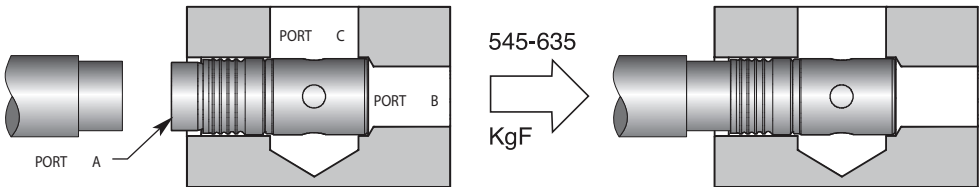
The IMH Shuttle valve is available in two sizes; a 5.5mm 2.5 GPM model and a 8.0mm 6 GPM version. These valves are the smallest in their class, often one third the size of existing shuttle valves with comparable flow rates.

The all metal construction provides high reliability, yet leakage is drip tight. Each valve is 100% factory tested for flow and leakage to ensure consistent, long term performance.

This cartridge-style valve installs easily into a drilled hole, eliminating the need for threads or o-rings. To install, simply insert the shuttle valve into a drilled hole and drive the expansion pin into the valve body with a minimum of 545 KgF (1,200 lbs. force) and a maximum of 635 KgF (1,400 lbs. force). The ends of the expansion pin and insert will be flush to within $\pm 0.25\text{mm}$ ($\pm 0.010''$) above flush of



each other. The installation tool can bottom on the insert body. Lee Installation Tools are available for each valve and part numbers are listed on each page. The locking end seals Port A from Port C and retains the valve. During installation, the edge seal at the opposite end is driven into the housing, sealing Port B from Port C.



This valve is constructed entirely of stainless steel for long term, trouble free life.