



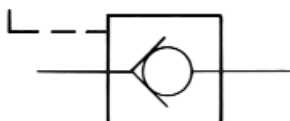
# KEPNER PRODUCTS COMPANY

ESTABLISHED IN 1948

TIPS#16

## Kepsēl® Cartridge Insert Lock Valves

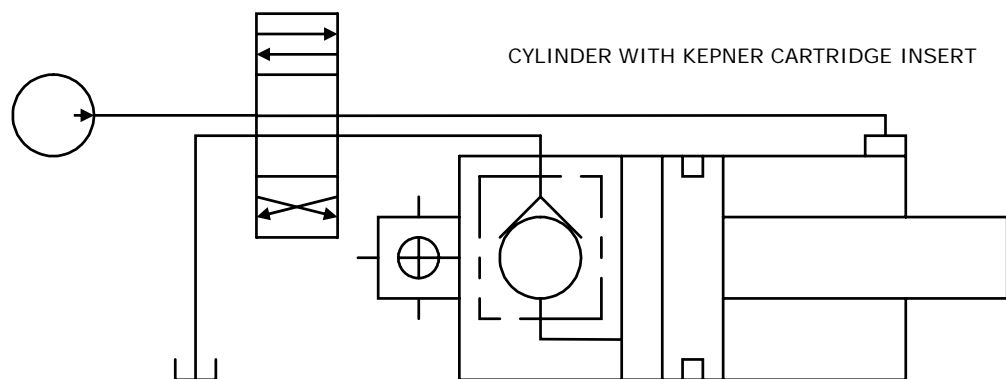
### ANSI SYMBOL



Kepsēl® Cartridge Lock Valve Inserts offer the ultimate flexibility in load holding applications. This unique lock valve concept allows direct installation in cylinder heads, manifolds, and sub-plates without the requirement of expensive tools and costly, close tolerance step-cavity machining. Insert may be installed in a simple drilled hole and retained by mating components.

The field proven *Flexible Seal Seat™* design provides positive cylinder lock-up. These valves free flow from valve port to cylinder port and check reverse flow until the pilot is energized. The valve opens to reverse flow on application of pilot pressure. Kepsēl® Cartridge Lock Valve Inserts offer low cost installation, proven performance, compact size, and quick, easy field service to reduce costly down time.

### TYPICAL APPLICATION:



The cylinder is held locked, against retracting, by the Kepsēl® Lock Valve Cartridge Insert, as long as the directional control valve is centered. When the control valve is shifted to the retract position, oil pressure in line to piston rod end is used to pilot the lock valve open. The cylinder then retracts.

Kepsēl® Valves are used in clamping cylinders, outrigger stabilizer jacks and other position holding applications. The Cartridge Insert style allows direct installation in cylinder heads or manifolds, for easy service and maximum safety.

Valve performance is dependent on proper selection, application, installation and maintenance. Consult Factory.

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