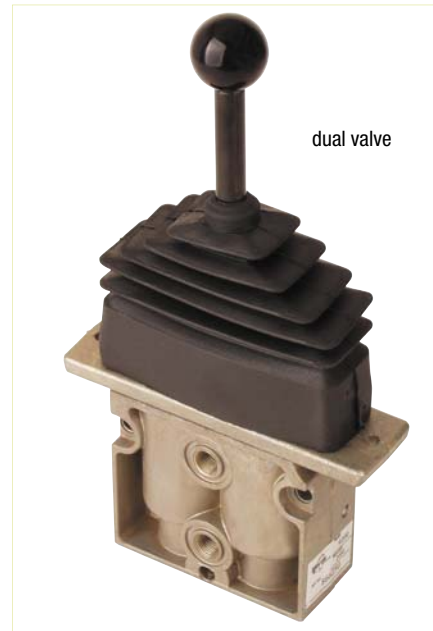


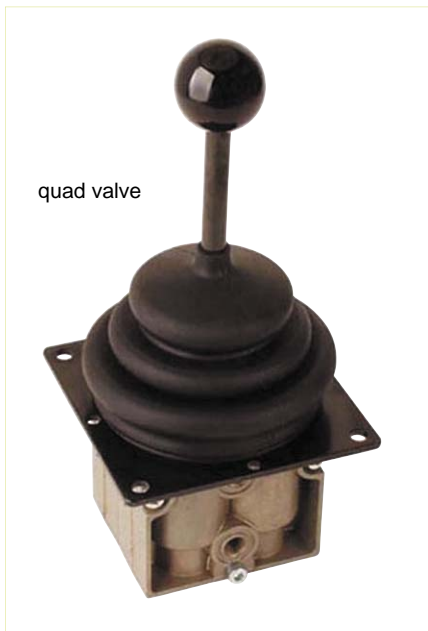


The Teleflex Morse compensating air valve controls direct the modular actuation of pneumatic directional control valves on industrial equipment and mobile vehicles. Each air valve controls one directional control valve spool. In operation, each air valve balances the output pressure against an internal spring that is loaded by a plunger attached to the operating lever. Therefore, the output or working pressure is directly related to the lever position. When the lever is released, the output pressure is discharged through the exhaust port.



Key Features

- Precise Control - the Teleflex Morse design allows for feathering of the valves, providing precise control of the system.
- Multiple Controls - the dual valve controls can be banked in instrument consoles to control multiple valves. Assemblies with spacer blocks and bent handles are available to make operation easier with or without gloves.
- Detented Units - these units are similar to standard dual controllers but also have a neutral detent mechanism. To shift these controllers, the handle lock must be raised to allow the handle to be shifted from the neutral to a work position.



Operation

In operation, each air valve balances the output pressure against an internal spring that is loaded by a plunger attached to the operating lever. Therefore, the output or working pressure is directly related to the lever position. The further the lever is moved toward the full shift position, the higher the output pressure becomes. When the lever is released, the output pressure is discharged through the exhaust port.

