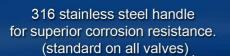
Smart Two-Piece Needle Valve

Patent Pending



Full flow in 4-5 turns vs 9 turns

Stainless steel captive fixing screw with stainless spring. Prevents misplaced or dropped fixing screws during installation.

Excess material removed from handle for reduced weight.

Handle secured to top of 4-sided tapered stem. No potential slippage compared to side fixed grub screw designs.

Internal gland locking mechanism.

No removal & reinstallation of mechanical gland locking device allows for simple panel mounting.

Packing gland machined from NicAluBronz for reduced operating torque.

Bi-directional flow capability.

Prevents damage to valve in case of accidental reverse hook up.

`Two piece non-rotating stem.
Simplified and more reliable
design compared to styles that
require stem sleeve adjustment
by means of locknuts.



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