

Kinetrol modular concept easily provides the control assembly needed

1. Visual Indicator

Gives visual indication of valve position as standard except models 0M0, 01, 16, 18, 20 and 30.

2. Clear Cone Monitor

Gives 360° and overhead position indication. Available on actuator models 03, 05, 07, 08, 09, 10, 12, 14, 15, limit switch boxes, AP positioners, EL positioners, P3 positioners and EHD models (details page 20).

3. I/P Controller

4-20mA electrical signal controls main air supply to pneumatic positioner as alternative to air signal control (details page 19).

4. AP Positioner

3-15psi (0.2-1 bar) air signal controls main air supply to turn, stop or hold the actuator vane in proportional response to that air signal. Limit switch and angle retransmit options available (details pages 17/18).

5. EL Electropneumatic Positioner

A single unit gives smooth accurate control in response to a 4-20mA signal. Limit switch and angle retransmit options in same housing (details pages 15/16).

6. P3 On/Off Positioner

Modulation and/or two endstop positions and a mid-range setpoint anywhere within the 90° span. Easy setpoint adjustment and integral position feedback options (details page 21/22).

7. Explosion Proof P3 On/Off Positioner

Provides the same basic options as the P3 Positioner but in a flame proof enclosure with ATEX approval (details page 23).

8. Universal Limit Switch Box

Weathertight unit with up to 4 switches for remote position indication or control use. Optional switches for flame proof/explosion proof needs and high visibility Clear Cone monitor (details pages 9/10).

9. Explosion Proof Limit Switch Box

Provides the same basic options as the Universal Limit Switch Box but in a flame proof enclosure with ATEX, FM and IEC approvals (details page 11/12).

10. Solenoid

Optional integral pneumatic solenoid valve for actuators. Various electrical, environmental and explosion proof requirements covered (details page 20).

11. Actuator

16 sizes covering torque range 0.5 Nm (5 lbf in) to 19140 Nm (168,000 lbf in). Operating air pressure range 1.4 bar (20 psi) to 7 bar (100 psi). Adjustable stops as standard. Restricted travel stops and ISO/DIN versions available (details pages 29 to 44).

12. 180° Converter

Compact units give constant torque output through up to 200° travel (details pages 25/26).

13. Fail-Safe Spring Return Units

Clock type spring return gives reliable fail-safe operation with high torque output throughout spring stroke, yet has easy adjustment to suit application (details pages 5 to 7).

14. Spring To Centre

Patented spring unit to provide accurate adjustable port travel position on loss of air/signal (details page 24).

15. ISO Adaptor

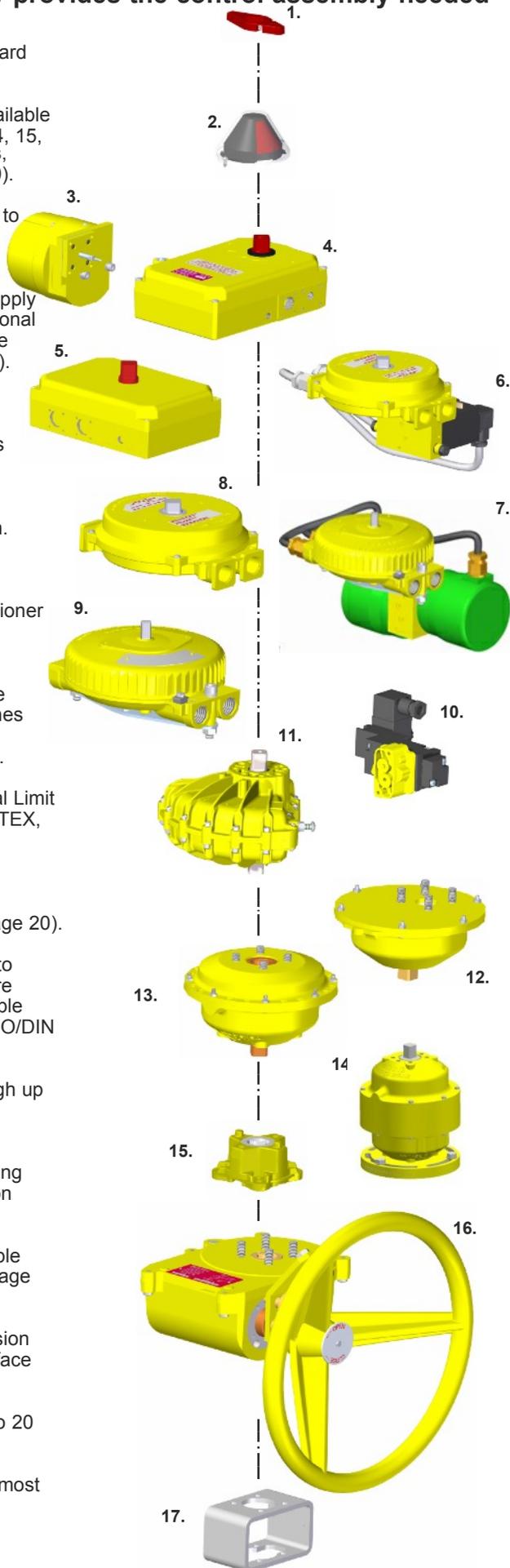
The patented ISO adaptor provides easy conversion from a Kinetrol male drive to an ISO flange interface for ultimate mounting flexibility (details page 8).

16. Gearbox

Geared manual override on all models from 05 to 20 excluding model 15 (details page 46).

17. Mounting Bracket

A comprehensive range of brackets provides for most ball, plug and butterfly valves (details page 45).



Kinetrol Actuators, Springs and Accessories are approved up to ATEX Category 1.