

# HYDRAULIC AND PNEUMATIC QUARTER TURN ACTUATORS

based on the Scotch Yoke Mechanism

- Heavy Duty Series, type HDS,
- Medium Heavy Series, type MHS
- Compact Pneumatic Series, type PCS

Range of ambient temperature valid for the all type of actuators :

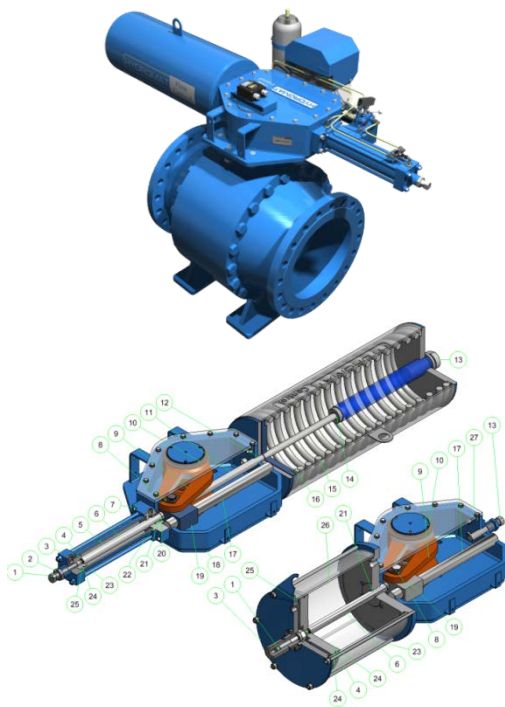
- Standard: -30 °C to 100 °C
- High: -20 °C to 160 °C
- Low: -40 °C to 100 °C
- Very low: -60 °C to 100 °C

HYDROMAT® Flow Control

HYDROMAT ACTUATORS FOR HEAVY DUTY APPLICATION

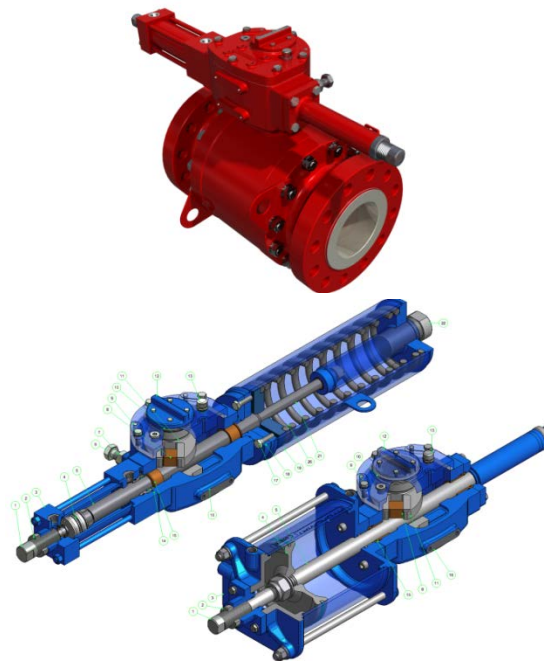
## HEAVY DUTY SERIES type HDS

- 8 Sizes of actuator body with output torque up to 600.000 Nm
- Maximum operating pressures:
  - Hydraulic, type HHDS: up to 250 bar
  - Pneumatic, type PHDS: up to 12 bar
- Actuator body: carbon steel in welded design or ductile iron
- Design and combination:
  - Single acting with spring fail to close or fail to open
  - Double acting hydraulic or pneumatic
- Manual override with hydraulic hand pump



## MEDIUM HEAVY SERIES type MHS

- 2 Sizes of actuator body with output torque up to 10.000 Nm
- Maximum operating pressures:
  - Hydraulic, type HMHS: up to 250 bar
  - Pneumatic, type PMHS: up to 20 bar
- Actuator body: ductile iron
- Design and combination:
  - Single acting with spring fail to close or fail to open
  - Double acting hydraulic or pneumatic
- Manual override with hydraulic hand pump



## PNEUMATIC COMPACT SERIES type PCS

- 4 Sizes of actuator body with output torque up to 4.500 Nm
- Maximum operating pressure : compressed air up to 12 bar
- Actuator body: ductile iron
- Design and combination:
  - Single acting with spring fail to close or fail to open
  - Double acting - pneumatic
- Manual override with integrated hand wheel

