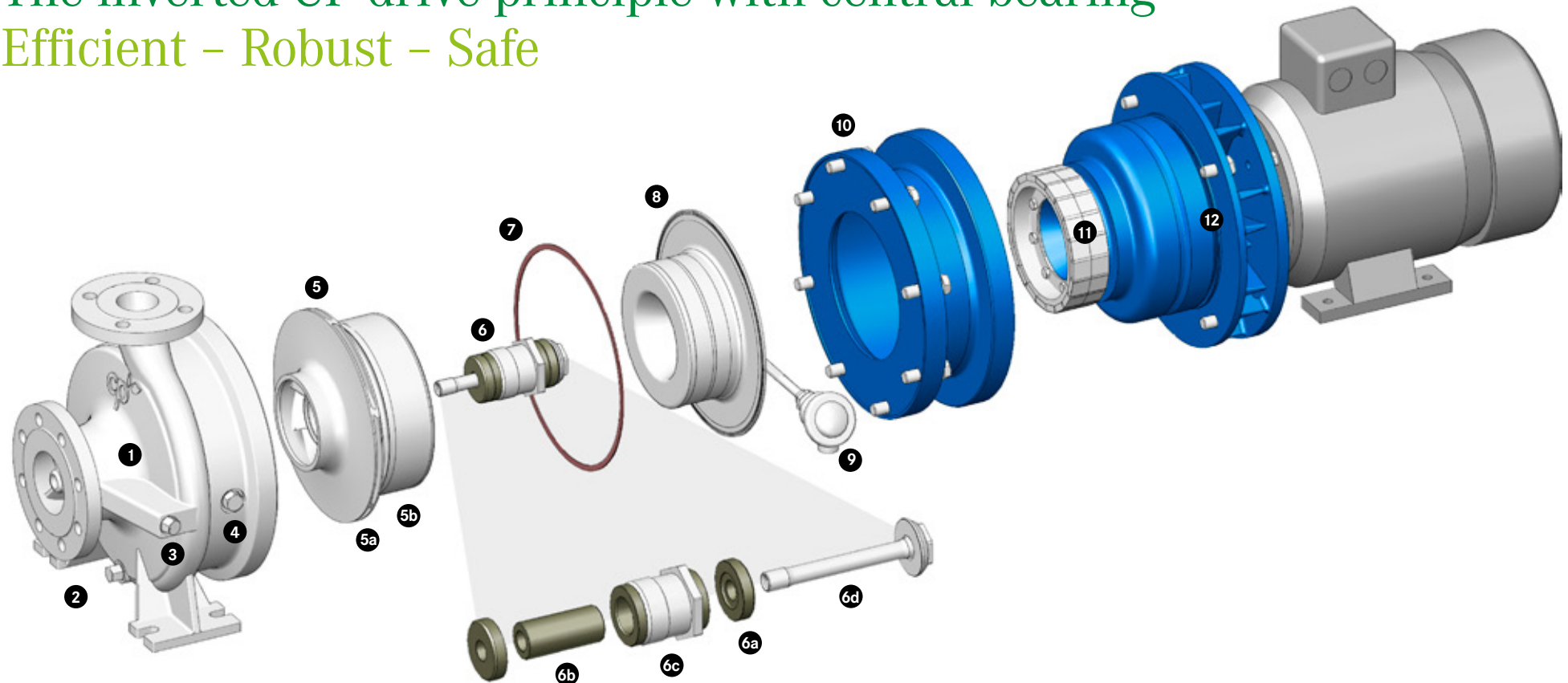


# MKP – Stainless Steel Magnetic Drive Chemical Process Pump

## The inverted CP drive principle with central bearing

### Efficient – Robust – Safe



- 1 Pump casing
- 2 Casing drain
- 3 Internal bearing lubrication or external flush connection
- 4 Pt100 temperature probe connection
- 5 Impeller unit consisting of:
  - 5a Impeller
  - 5b Driven magnet assembly attached to impeller (on atmosphere side)

- 6 Central bearing (impeller attachment by means of locking sleeve) consisting of:
  - 6a Thrust bearing ring
  - 6b Bearing sleeve
  - 6c Bearing bush assembly
  - 6d Clamping sleeve
- 7 Casing seal

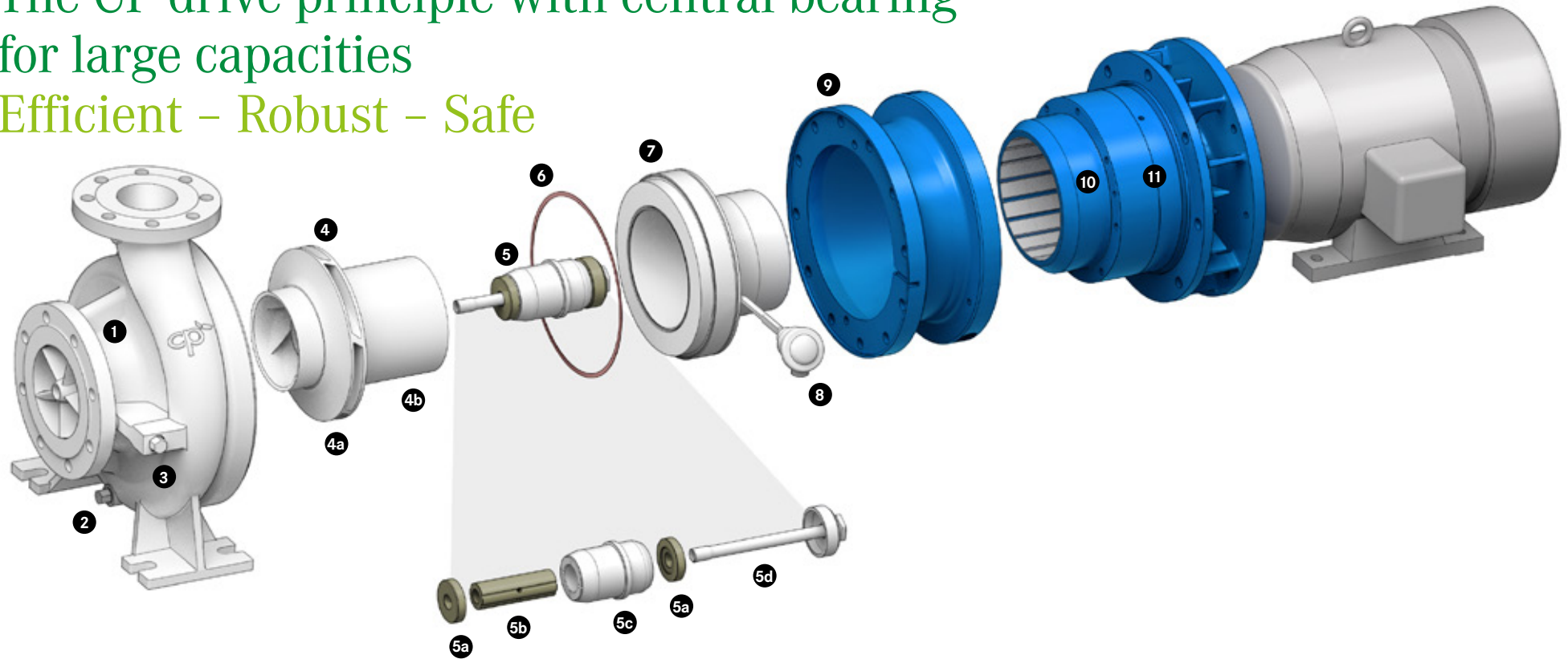
- 8 Hermetically sealed containment shell (primary seal)
- 9 Containment shell thermocouple
- 10 Lantern
- 11 Inside magnetic coupling attached to the flywheel mass (on product side)
- 12 Secondary seal (optional)

\*\*CP's unique drive principle **without** plain bearing carrier.

# MKP – Stainless Steel Magnetic Drive Chemical Process Pump

## The CP drive principle with central bearing for large capacities

### Efficient – Robust – Safe



- 1 Pump casing
- 2 Casing drain
- 3 Internal bearing lubrication or external flush connection
- 4 Impeller unit consisting of:
  - 4a Impeller
  - 4b Driven magnet assembly attached to impeller (on product side)

- 5 Central bearing (impeller attachment by means of locking sleeve) consisting of:
  - 5a Thrust bearing ring
  - 5b Bearing sleeve
  - 5c Bearing bush assembly
  - 5d Clamping sleeve
- 6 Casing seal

- 7 Hermetically sealed containment shell (primary seal)
- 8 Containment shell thermocouple
- 9 Lantern
- 10 Outside magnetic coupling attached to the flywheel mass (on atmosphere side)
- 11 Secondary seal (optional)

\*CP's unique drive principle **without** plain bearing carrier.