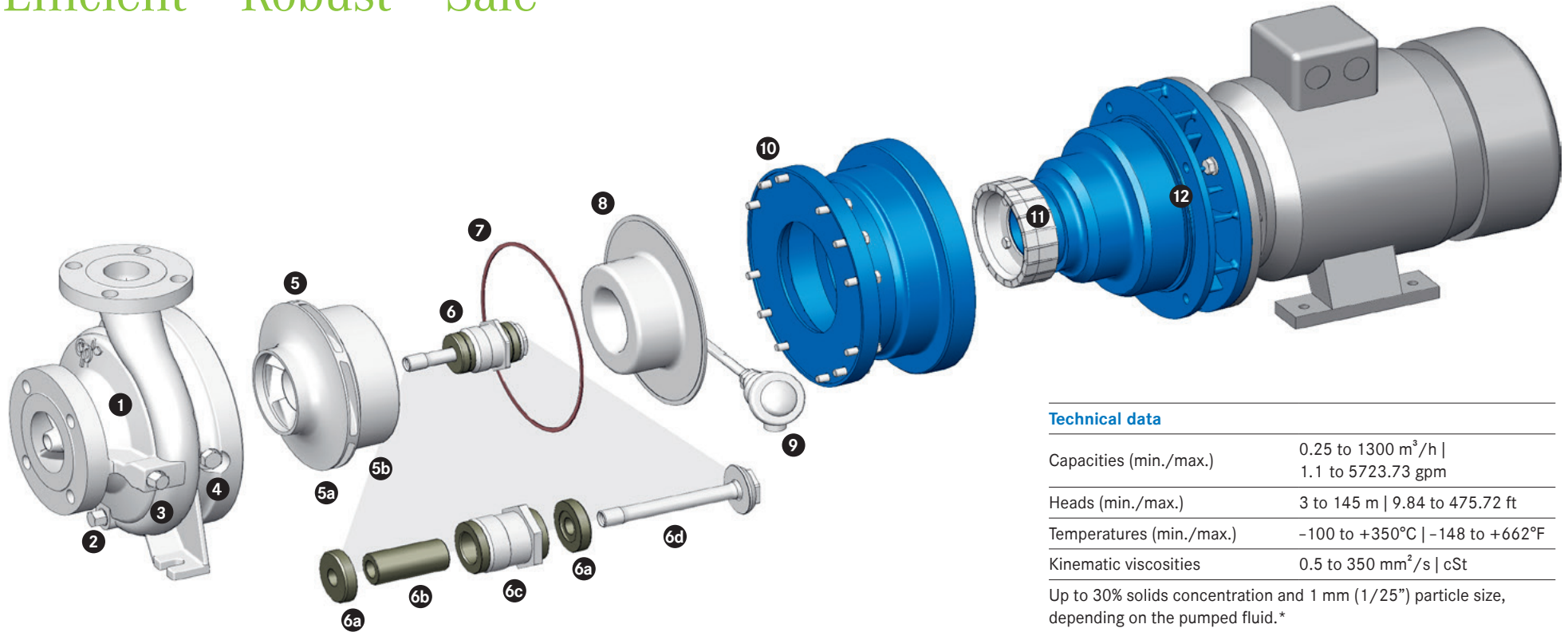


MKP-ANSI – Magnetic Drive Chemical Process Pump

Efficient – Robust – Safe



Technical data

| | |
|--------------------------|--|
| Capacities (min./max.) | 0.25 to 1300 m ³ /h 1.1 to 5723.73 gpm |
| Heads (min./max.) | 3 to 145 m 9.84 to 475.72 ft |
| Temperatures (min./max.) | -100 to +350°C -148 to +662°F |
| Kinematic viscosities | 0.5 to 350 mm ² /s cSt |

Up to 30% solids concentration and 1 mm (1/25") particle size, depending on the pumped fluid.*

*In general, media with solids content can be transported, but application-specific verification in advance is necessary.

- 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 product side)

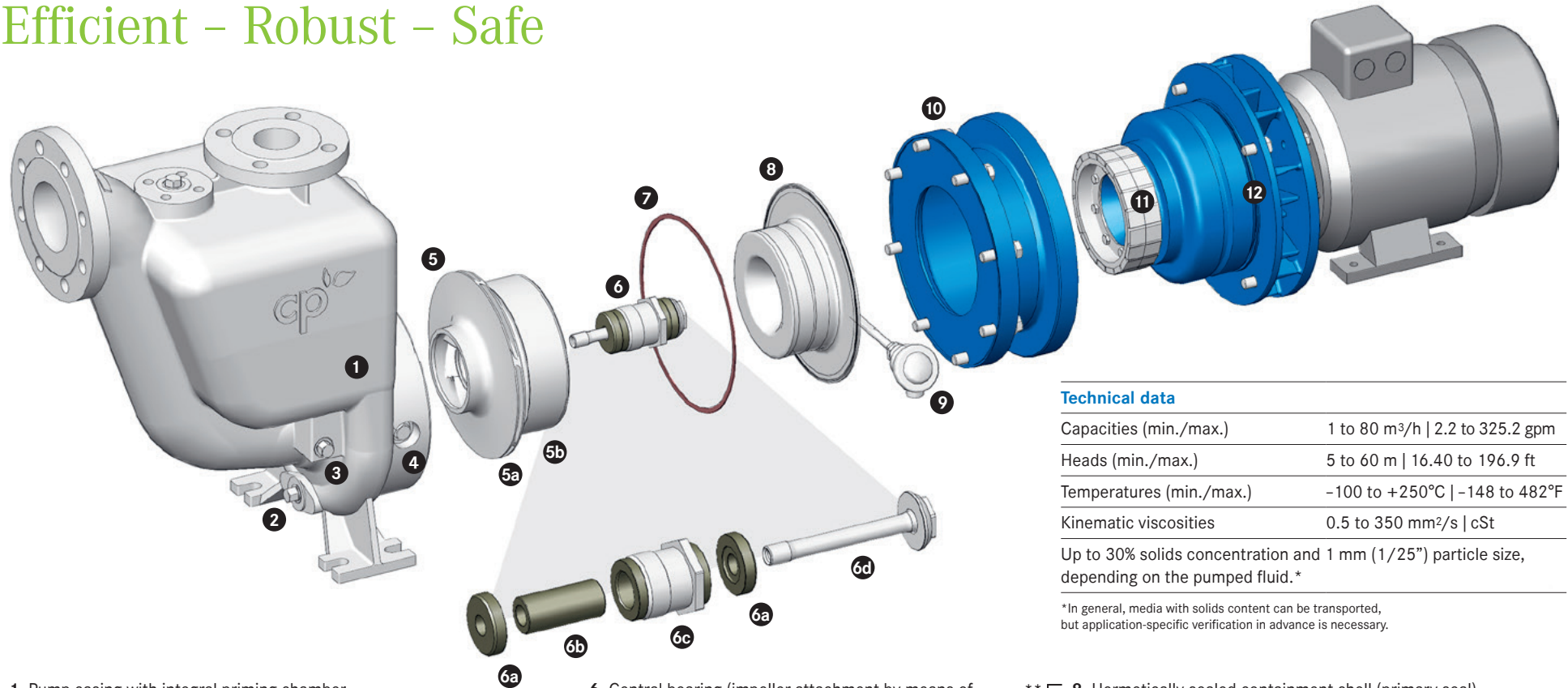
- 6 Central bearing (impeller attachment by means of locking sleeve) consisting of:
 - 6a Thrust bearing ring
 - 6b Bearing sleeve
 - 6c Bearing bush assembly
 - 6d Clamping sleeve
- 7 Casing seal

- ** 8 Hermetically sealed containment shell (primary seal)
- 9 Containment shell thermocouple
- 10 Lantern
- 11 Magnetic coupling (on atmospheric side)
- 12 Secondary seal (optional)

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

MKP-S – Stainless Steel Self-Priming Magnetic Drive Chemical Process Pump

Efficient – Robust – Safe



- 1 Pump casing with integral priming chamber
- 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 product 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

Technical data

| | |
|--|--|
| Capacities (min./max.) | 1 to 80 m ³ /h 2.2 to 325.2 gpm |
| Heads (min./max.) | 5 to 60 m 16.40 to 196.9 ft |
| Temperatures (min./max.) | -100 to +250°C -148 to 482°F |
| Kinematic viscosities | 0.5 to 350 mm ² /s cSt |
| Up to 30% solids concentration and 1 mm (1/25") particle size, depending on the pumped fluid.* | |

*In general, media with solids content can be transported, but application-specific verification in advance is necessary.

- ** [8 Hermetically sealed containment shell (primary seal)
- 9 Containment shell thermocouple
- 10 Lantern
- 11 Magnetic coupling (on atmospheric side)
- 12 Secondary seal (optional)

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