

**Overview (continued)**

The helical gearboxes are designated as follows:

Gearbox type:

(-) Helical gearboxes

Transmission stage **E** 1-stage  
**Z** 2-stage  
**D** 3-stage

Type:

Shaft (-) Solid shaft

Mounting (-) Foot-mounted design  
**F** Flange-mounted design (A-type)  
**Z** Housing flange (C-type)  
**R** Agitator flange  
**K** Cooling tower flange <sup>1)</sup>

Connections (-) Feather key

Special features **W** Reduced-backlash version

Type of intermediate gearbox

(-) Helical gearboxes

Transmission stage **Z** 2-stage  
**D** 3-stage

Input unit

- K2** Coupling lantern with flexible coupling for connecting an IEC motor
- K2TC** Coupling lantern with flexible coupling for connecting a NEMA motor <sup>1)</sup>
- K4** Short coupling lantern with clamp connection for connecting an IEC motor
- K5** Short coupling lantern with clamp connection for connecting a NEMA motor <sup>1)</sup>
- KQ** Lantern for servomotor with feather key and zero-backlash flexible coupling for connecting a servomotor
- KQS** Lantern for servomotor without feather key and zero-backlash flexible coupling for connecting a servomotor
- A** Input unit with free input shaft
- A5** Input unit with free input shaft (NEMA design) <sup>1)</sup>
- P** Input unit with free input shaft and piggy back for connecting an IEC motor
- P5** Input unit with free input shaft and piggy back for connecting a NEMA motor <sup>1)</sup>
- PS** Input unit with free input shaft and piggy back with protection cover

Example:

**D F 108 - Z 38 - K4 (100)**

Gearbox type  
 Type  
 Size  
 Type of intermediate gearbox  
 Size  
 Input unit  
 (for motor size)

The series currently comprises 11 sizes for D and Z gearboxes and 7 sizes for E gearboxes.

E gearboxes are available as 1-stage, Z gearboxes as 2-stage and D gearboxes as 3-stage.

<sup>1)</sup> These designs can be selected from our MOTOX Configurator electronic catalog.