

### Overview (continued)

Bevel helical gearboxes are designated as follows:

#### Gearbox type:

(-) Bevel helical gearbox

**B** 2-stage

**K** 3-stage

Transmission stage (-) Unspecified

#### Type:

Shaft (-) Solid shaft  
**A** Hollow shaft

Mounting (-) Foot-mounted design  
**F** Flange-mounted design (A-type)  
**Z** Housing flange (C-type)  
**D** Torque arm  
**G** Flange (A-type) on opposite side to output shaft  
**M** Agitator / mixer flange  
**E** Extruder flange

Connections (-) Feather key  
**S** Shrink disk  
**T** Hollow shaft with splined shaft

Special features **W** Reduced-backlash version

Backstop **X** Backstop in intermediate stage

#### Type of intermediate gearbox

(-) Helical gearbox

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 with zero-backlash flexible coupling for connecting a servomotor

**KQS** Lantern for servomotor without feather key and with zero-backlash flexible coupling for connecting a servomotor

**A** Input unit with free input shaft

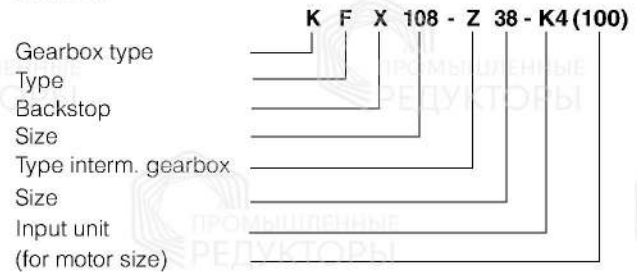
**A5** Input unit with free input shaft (NEMA design) <sup>1)</sup>

**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:



The series currently comprises 10 gearbox sizes.

Type K bevel helical gearboxes are available in a 3-stage version, type B in a 2-stage version.

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