MOTOX Geared Motors

Helical geared motors

Orientation

Overview (continued)

The helical gearboxes are designated as follows:

Gearbox type:

Helical gearboxes (-)

Transmission stage 1-stage

2-stage

D 3-stage

Type:

Shaft (-) Solid shaft

Foot-mounted design Mounting

Flange-mounted design (A-type)

Housing flange (C-type) Ζ

R Agitator flange

Cooling tower flange 1)

Connections (-) Feather key

Special features Reduced-backlash version

Type of intermediate gearbox

(-) Helical gearboxes

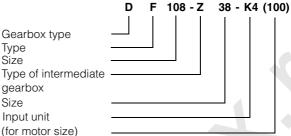
Transmission stage 2-stage

3-stage

Input unit

- K2 Coupling lantern with flexible coupling for connecting an IEC motor
- Coupling lantern with flexible coupling for connecting a NEMA motor ¹⁾ K2TC
- K4 Short coupling lantern with clamp connection for connecting an IEC motor
- Short coupling lantern with clamp connection for connecting a NEMA motor $^{1)}$ K5
- KQ Lantern for servomotor with feather key and zero-backlash flexible coupling for connecting a servomotor
- KQS Lantern for servomotor without feather key and zerobacklash flexible coupling for connecting a servomotor
- Input unit with free input shaft Α
- Input unit with free input shaft (NEMA design) 1) **A5**
- Input unit with free input shaft and piggy back for P connecting an IEC motor
- P5 Input unit with free input shaft and piggy back for connecting a NEMA motor 1)
- Input unit with free input shaft and piggy back with protection cover

Example:



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.

¹⁾ These designs can be selected from our MOTOX Configurator electronic catalog.