

MOTOX Geared Motors

Parallel shaft geared motors

Orientation

Overview (continued)

The parallel shaft gearboxes are designated as follows:

Gearbox type:

F Parallel shaft gearbox

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

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
M Mixer flange
E Extruder flange

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

Special features **W** Reduced-backlash version

Type of intermediate gearbox:

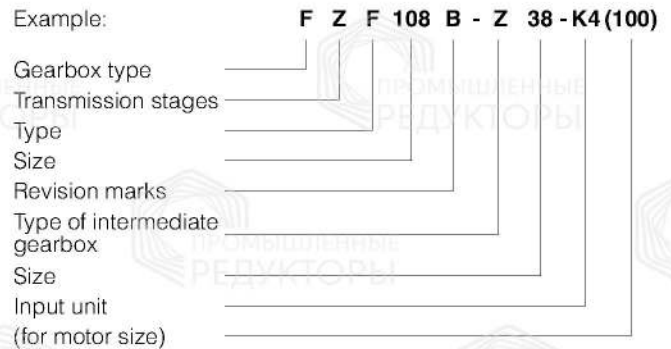
(-) Helical gearbox

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 ¹⁾
- K4** Short coupling lantern with clamp connection for connecting an IEC motor
- K5** Short coupling lantern with clamp connection for connecting a NEMA motor ¹⁾
- 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) ¹⁾
- 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 ¹⁾
- PS** Input unit with free input shaft and piggy back with protection cover

Example:



The series currently comprises 10 gearbox sizes.

The basic designs available are 2- and 3-stage gearboxes.

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