

Compact. Flexible. Variable.

Our Gearboxes

Maximum Flexibility
in any mounting position



GROSCHOPP 

Single-stage worm gearbox Vario-Gearbox

Available in
various designs
and also custom-
manufactured

Groschopp offers a broad selection of gearbox models. Planetary gears are available together with spur-wheel and worm-wheel gears. Although all gearbox types are available as individual units, they can also be combined with three-phase-, DC- or servo-motors.

Model	E1	E3	VE31	VE40
Torque max [in Nm]*	3	13	15	45
Ratio	4,5-40	7-38	5-75	6,75-80

* varies, depending on ratio and duty.

E1



E3



VE31



VE40



Two-stage worm gearbox Z-Gearbox

3-stage worm
gearboxes
„D“ up to 3 Nm
and i=125
up to 36000

Two-stage worm gearboxes are installed where a high ratio is required but only a small space is available. Ratios from 20: 1 up to 1,500:1 are available. Z-gearboxes are operating at low noise level and can be attached to motors which are foot-mounted (Z3/Z5) as well as motors without feet (Z8/Z10/Z14/Z20).

Model	Z8	Z3/Z5/Z10	Z14/Z20**
Torque max [in Nm]*	60	9	15
Ratio	24 - 1500	20 - 1500	5 - 75

* varies, depending on ratio and duty.

** combined two-stage worm gearbox:
first stage = worm wheel; second stage = spur wheel

Z3



Z10



Z14



Z20



Spur gearbox S-Gearboxes

Planetary
gearbox optionally
available

Spur gearboxes have a good efficiency. Their drive shaft is concentric with the drive shaft of the motor. Spur gearboxes are compact built and have a robust design.

Model	SG80	SG150
Torque max [in Nm]	8	15
Ratio*	4 - 347*	1,24 - 996*

* from 2- up to 5-steps

SG80



SG150



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