



Turning Devices

We turn
your machine

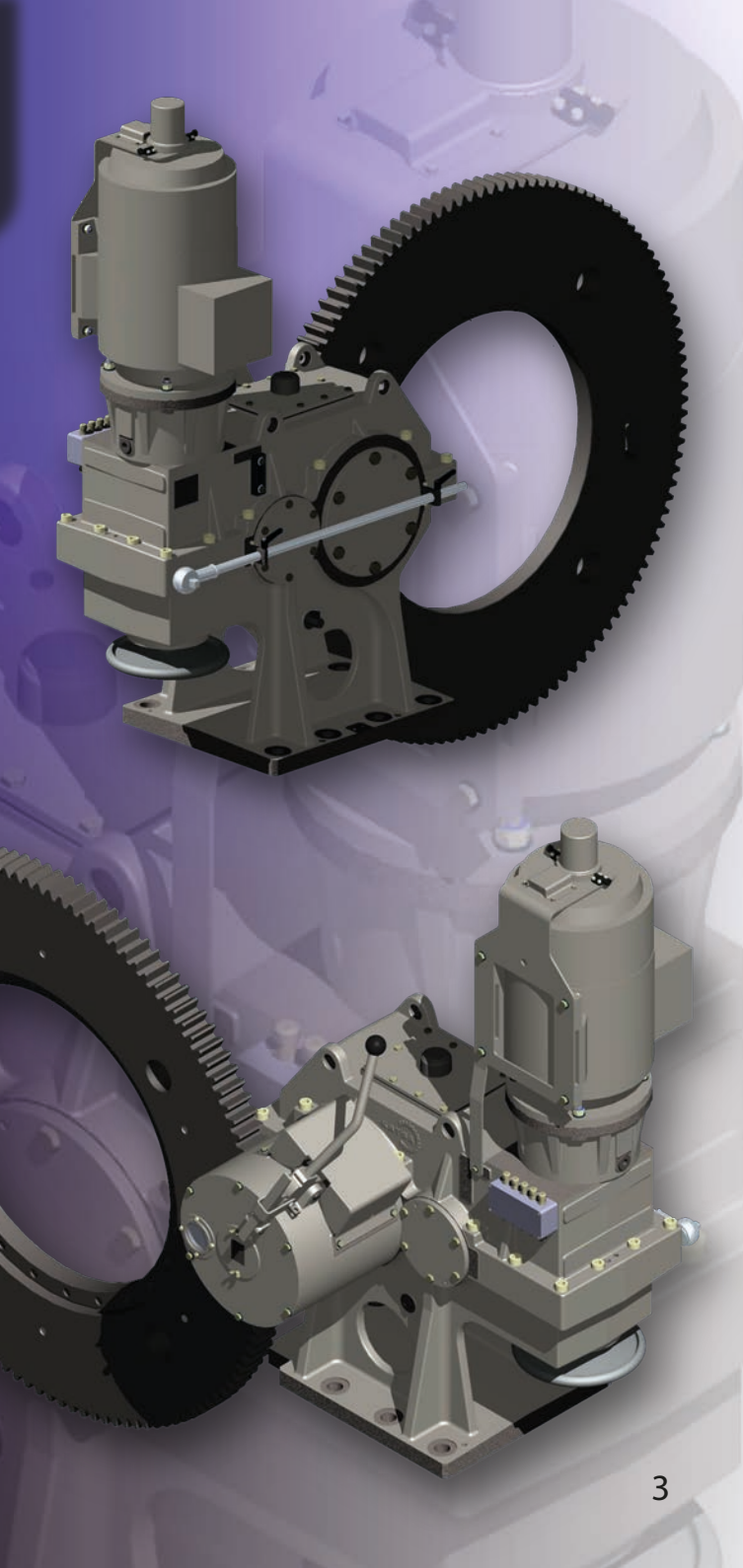


K a t s a - Geared for you

Turning Devices for all needs

- 8 sizes for optimal performance
- Pull-out torques up to 470 000 Nm
- Manually operated or electric motor driven
- Pneumatics optional
- Right and left-hand models
- Output speed at gear wheel 0.5-1.5 rpm
- Gear wheels up to Ø 2200 mm
- Auxiliary locking devices for gear wheel
- Manual fine tuning option
- Project specific safety switches
- Available for ATEX or other special requirements
- Free standing or mounted directly to machine
- Electric cabinets and remote controls optional





Turning Device

KV100-56M

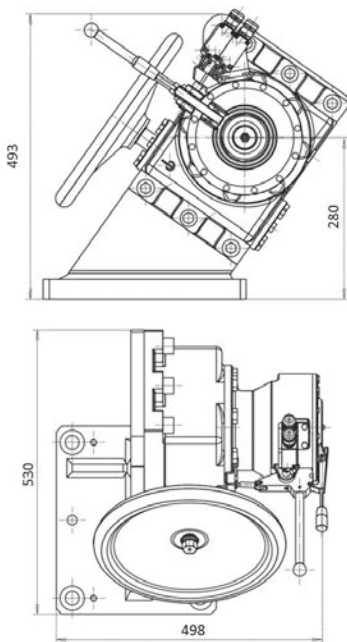
Technical information:

- Gear ratio $i = 56$
- Weight app. 80 kg (w/o stand)

Options:

- Only manually operated model
- Right and left-hand models
- May be combined with different project specific fabricated stands

Approximate dimensions:





Turning Device

KV100-56S

Technical information:

- Gear ratio $i = 56$
- Weight app. 210 kg (w/o stand)

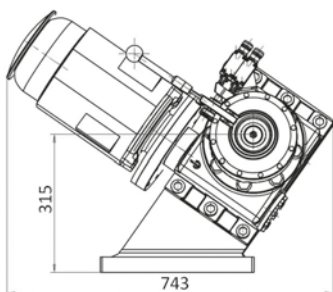
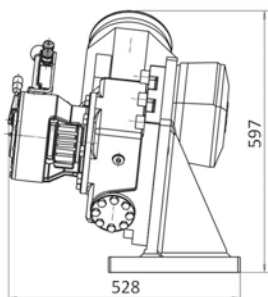
E.g. with 0.75 kW Motor and Ø 1000 mm disc:

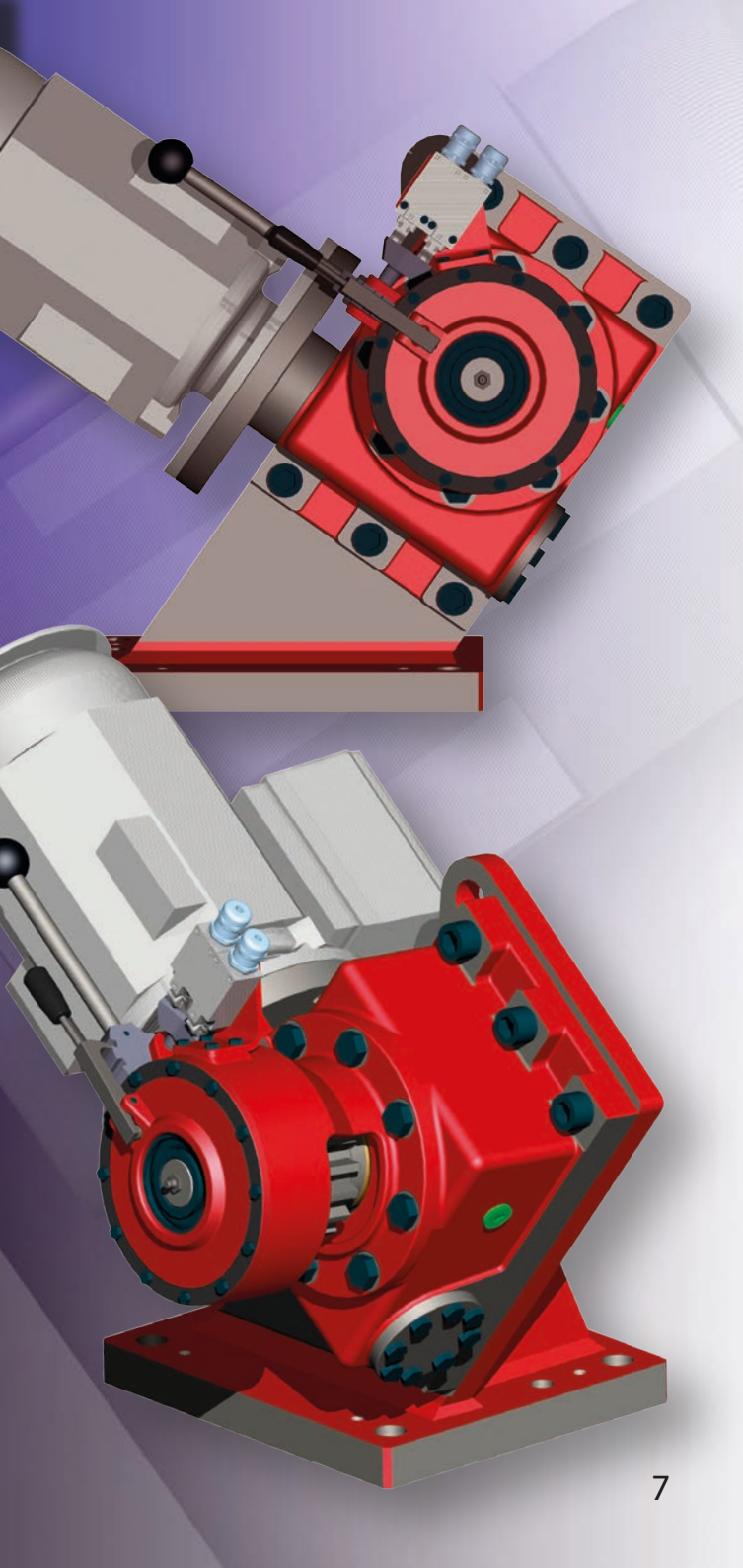
- Max torque at pinion 560 Nm
- Nom. output torque 2 200 Nm,
break away torque 3 000 Nm

Options:

- Right and left-hand models
- May be combined with different
project specific fabricated stands

Approximate dimensions:





Turning Device

LKV170-329

Technical information:

- Gear ratio $i = 329$
- Weight app. 165 kg (depending on model)

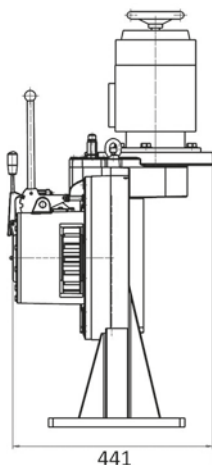
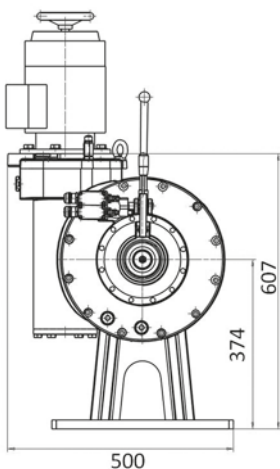
E.g. with 1.5 kW Motor and Ø 1500 mm disc:

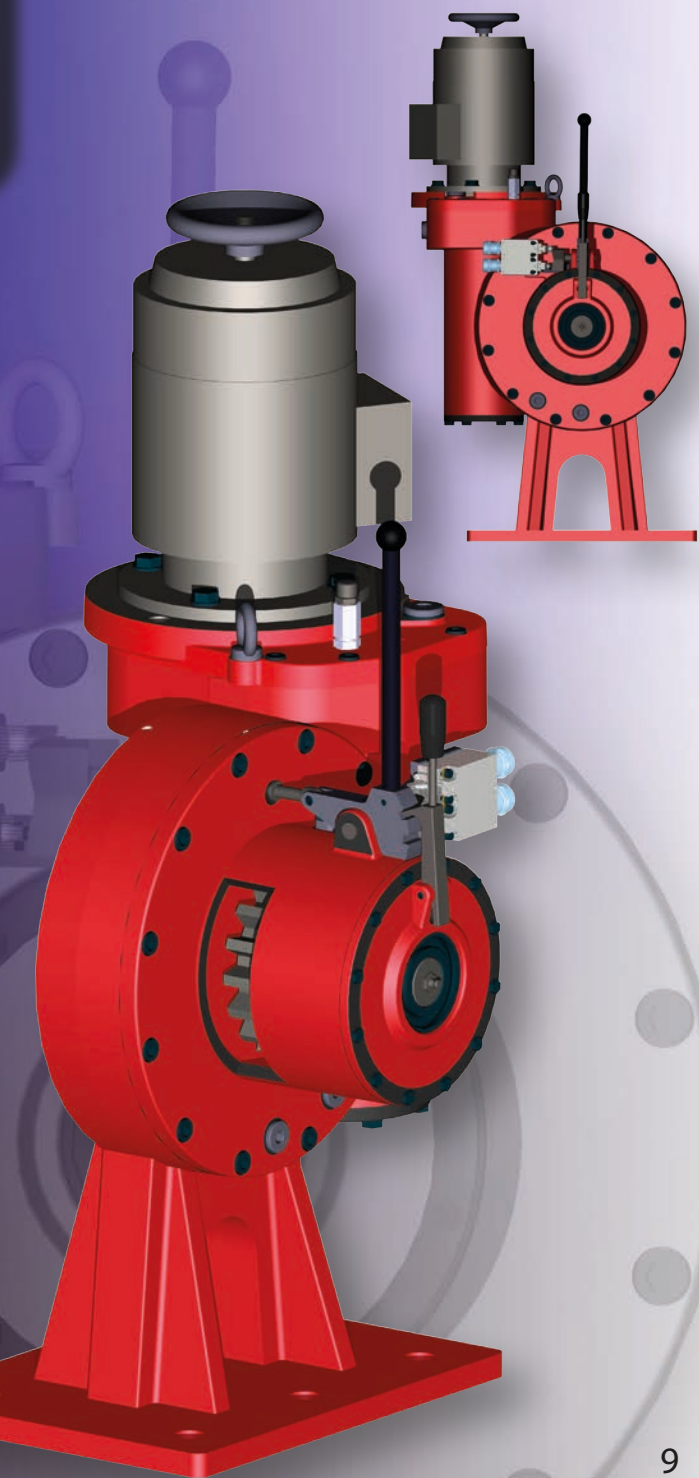
- Max torque at pinion 3 900 Nm
- Max output torque 41 500 Nm

Options:

- From 1.1 kW to 2.2 kW electric motor
- Right and left-hand models
- May be combined also with different project specific fabricated stands

Approximate dimensions
(depending on model):





Turning Device

LKV180-300

Technical information:

- Gear ratio $i = 300$
- Weight app. 300-400 kg (depending on model)

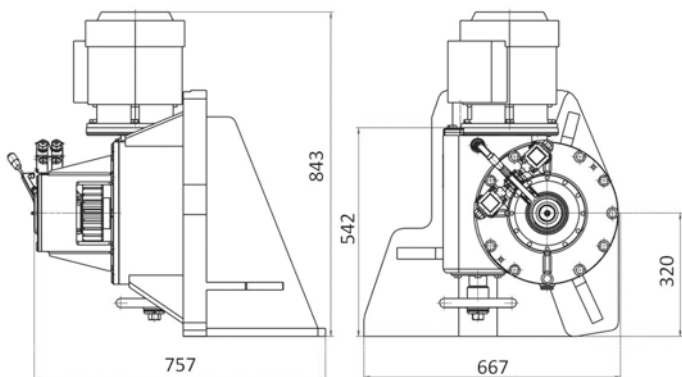
E.g. with 4 kW Motor and Ø 1500 mm disc:

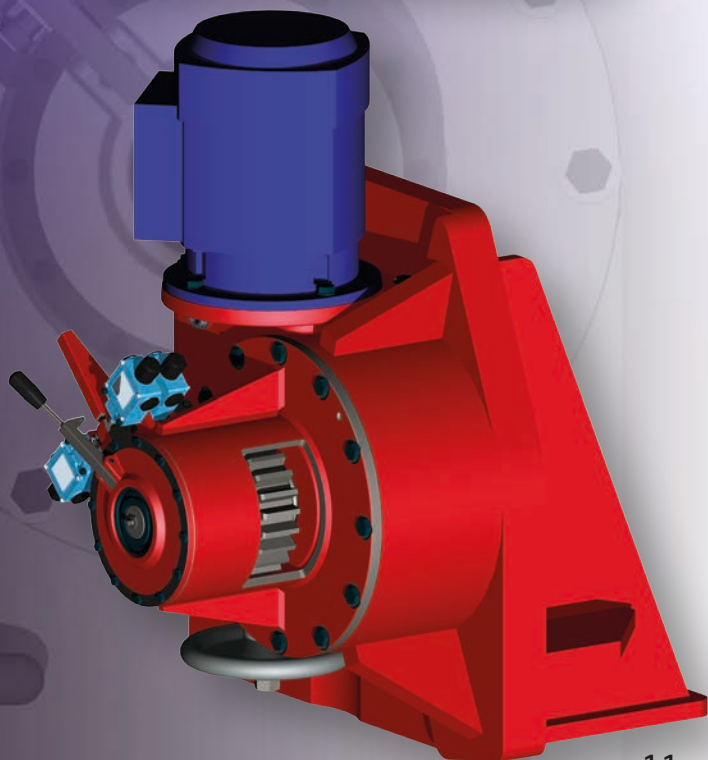
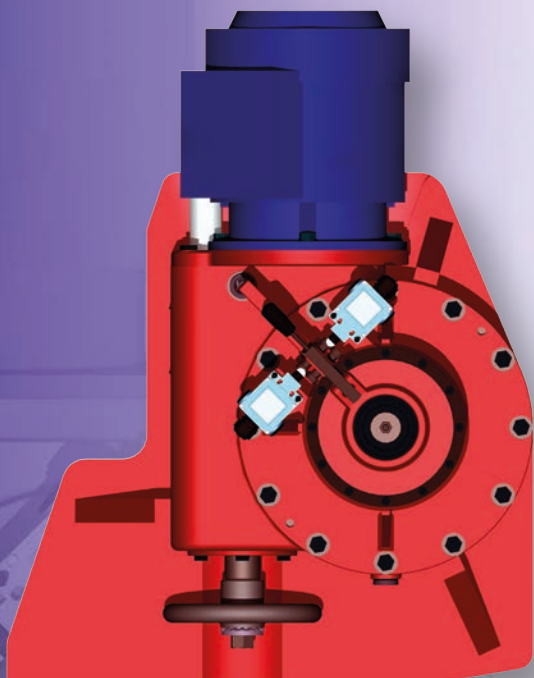
- Max torque at pinion 8400 Nm
- Max output torque 78 000 Nm

Options:

- 1.5 kW to 4 kW electric motor
- Left-hand model only
- May be combined with different project specific fabricated stands

Approximate dimensions
(depending on model):





Turning Device

LKV250-232

Technical information:

- Gear ratio $i = 232$
- Weight app. 850 kg (depending on model)

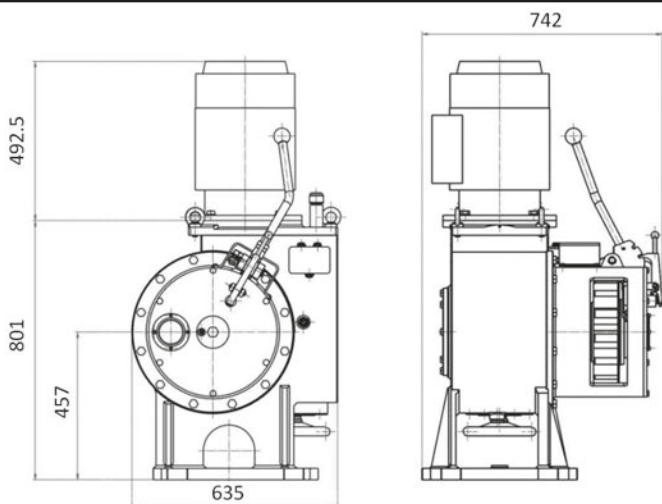
E.g. with 11 kW Motor and Ø 1500 mm disc:

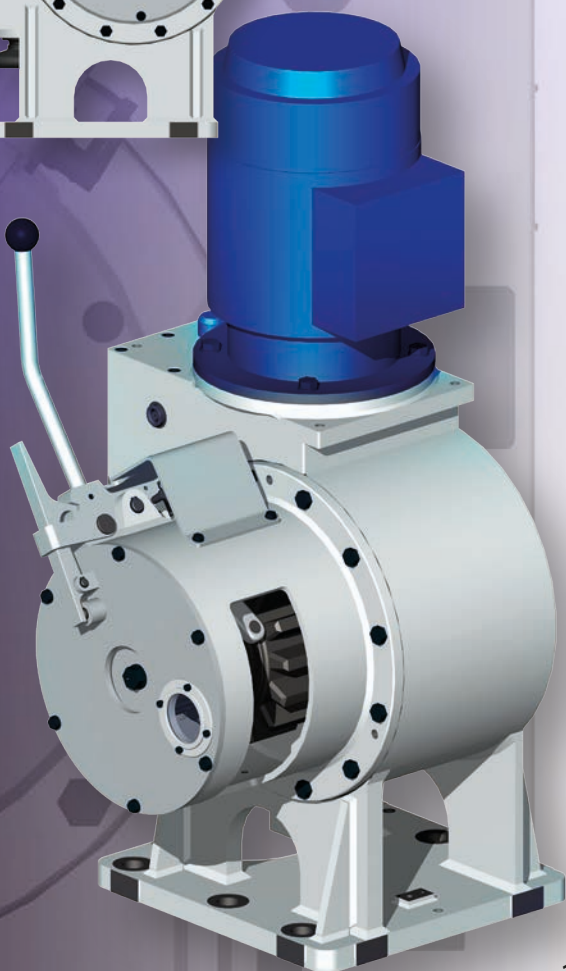
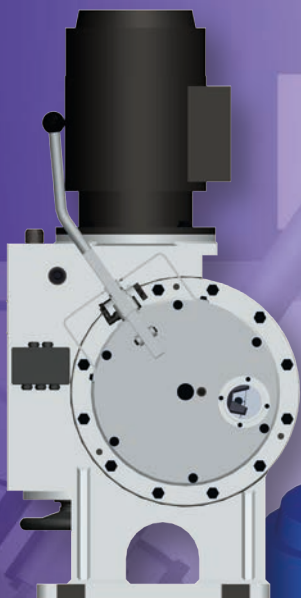
- Max torque at pinion 15 200 Nm
- Max output torque 81 700 Nm

Options:

- 5.5 kW to 11 kW electric motor
- Right and left-hand models
- May be combined with different project specific fabricated stands

Approximate dimensions
(depending on model):





Turning Device

LKV250-237

Technical information:

- Gear ratio $i = 237$
- Weight app. 700 kg (depending on model)

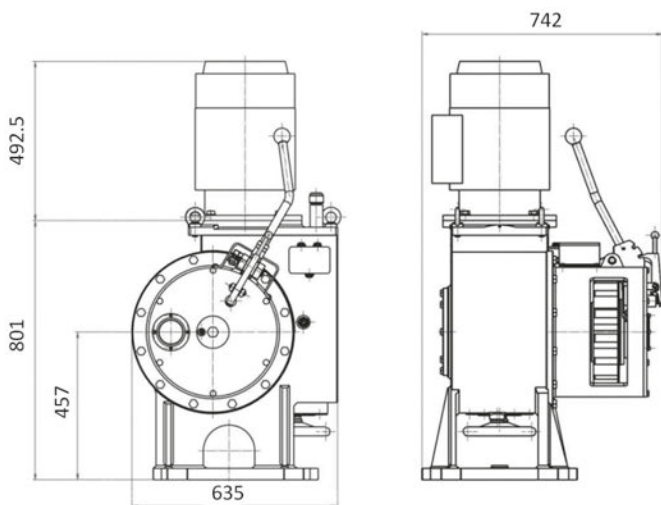
E.g. with 7.5 kW Motor and Ø 1500 mm disc:

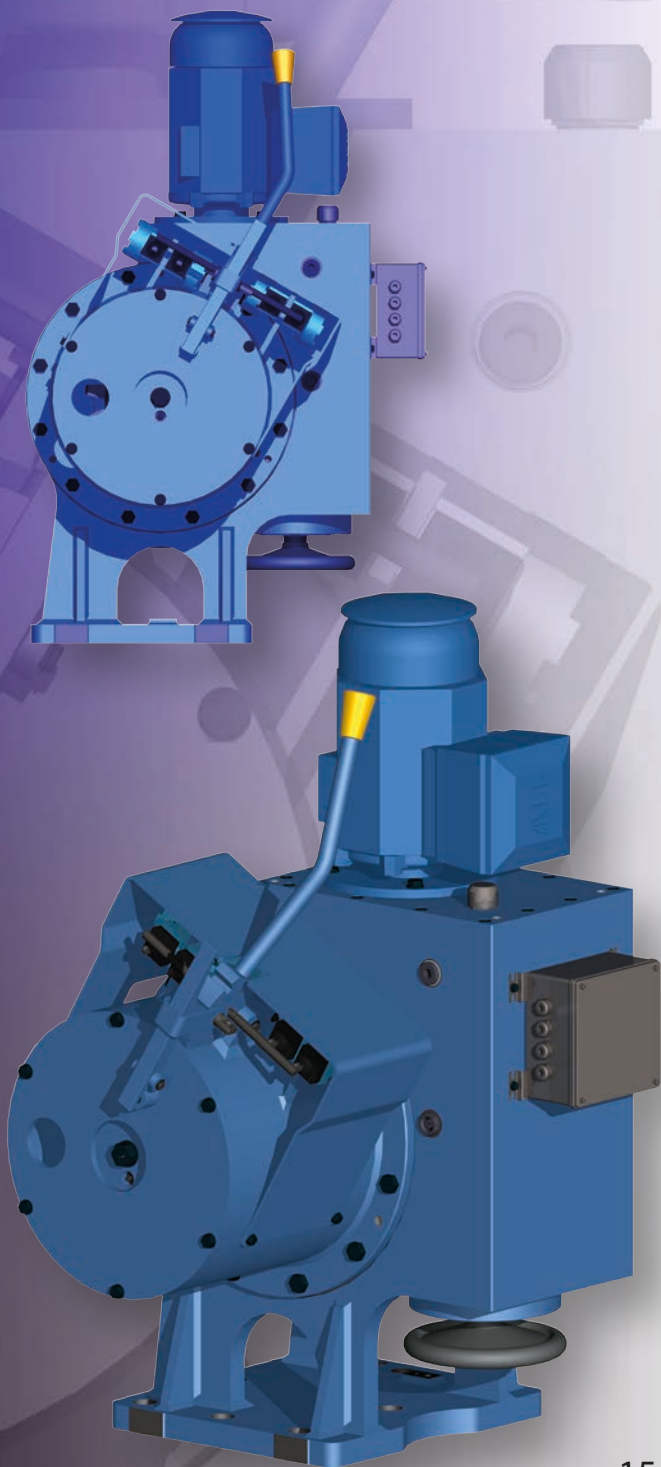
- Max torque at pinion 12 300 Nm
- Max output torque 66 000 Nm

Options:

- 3 kW to 7.5 kW electric motor
- Right and left-hand models
- May be combined with different project specific fabricated stands

Approximate dimensions
(depending on model):





Turning Device

LKV250-264

Technical information:

- Gear ratio $i = 264$
- Weight app. 1500 kg (depending on model)

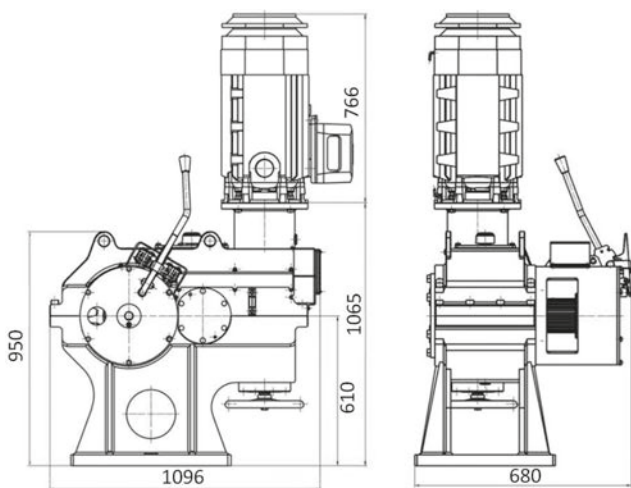
E.g. with 30 kW Motor and Ø 1500 mm disc:

- Max torque at pinion 52 600 Nm
- Max output torque 229 500 Nm

Options:

- 15 kW to 30 kW electric motor
- Right and left-hand models
- Available also as with casted housing.
- May be combined with different project specific fabricated stands

Approximate dimensions
(depending on model):





Turning Device

LKV290-241

Technical information:

- Gear ratio $i = 241$
- Weight app. 2300 kg (depending on model)

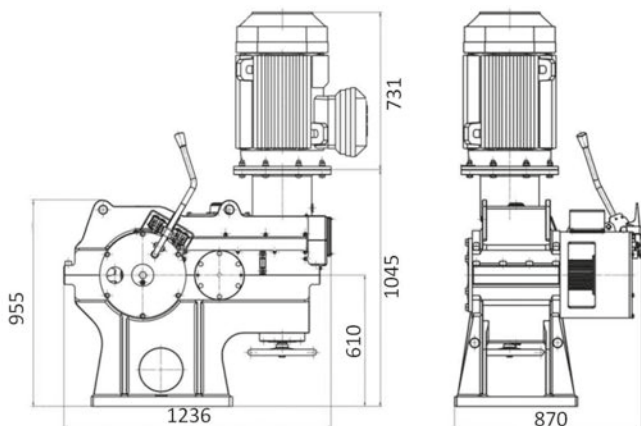
E.g. with 45 kW Motor and Ø 1500 mm disc:

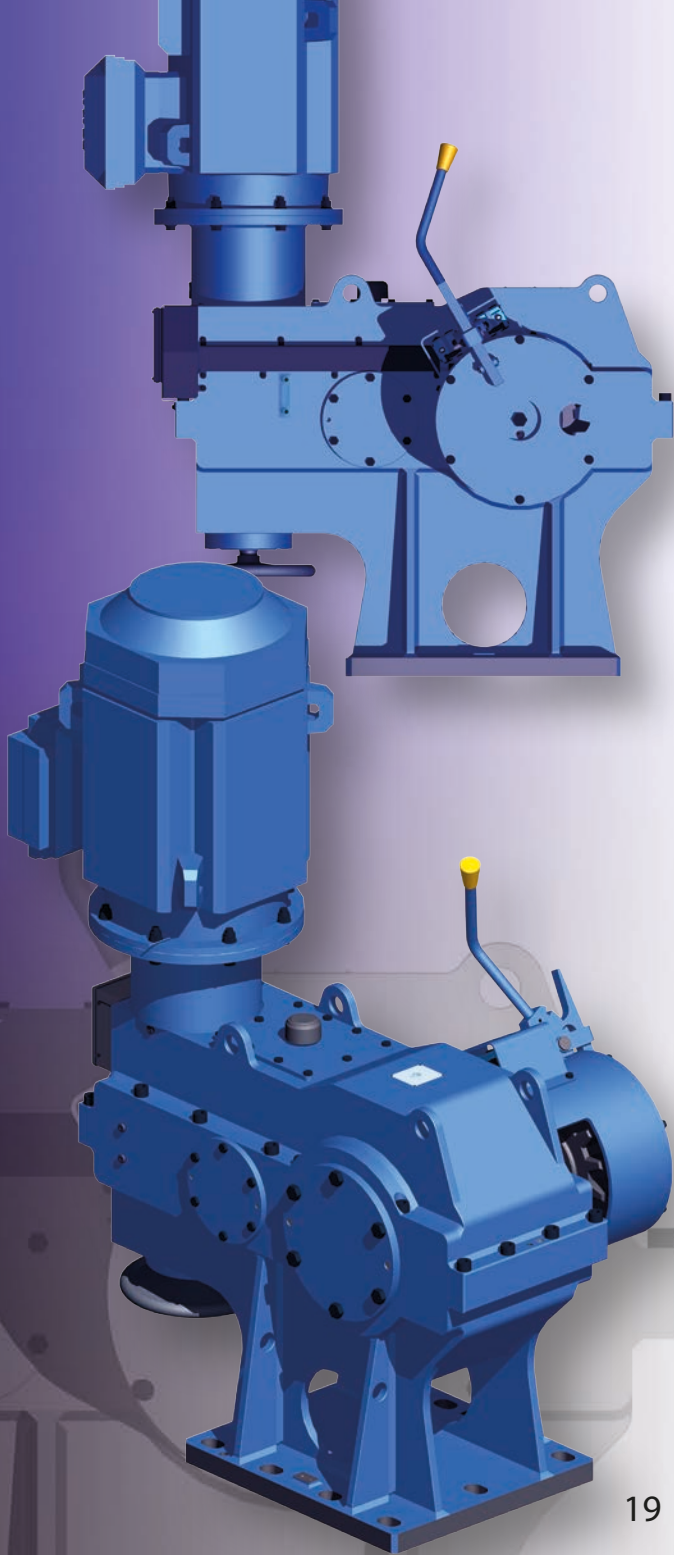
- Max torque at pinion 67 900 Nm
- Max output torque 296 300 Nm

Options:

- 22 kW to 45 kW electric motor
- Right and left-hand models
- May be combined with different project specific fabricated stands

Approximate dimensions
(depending on model):





Turning Device

LKV290-241+

Technical information:

- Gear ratio $i = 241$
- Weight app. 2500 kg (depending on model)

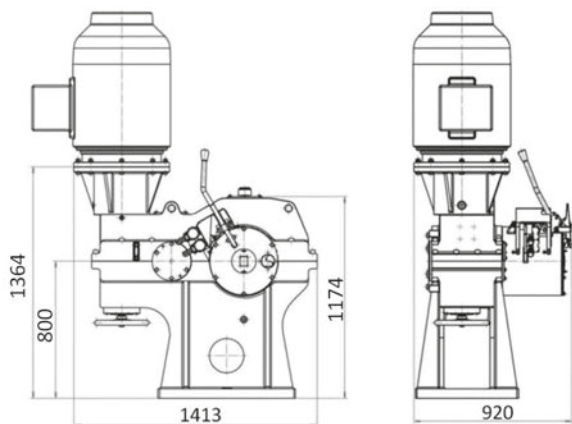
E.g. with 55 kW Motor and Ø 1500 mm disc:

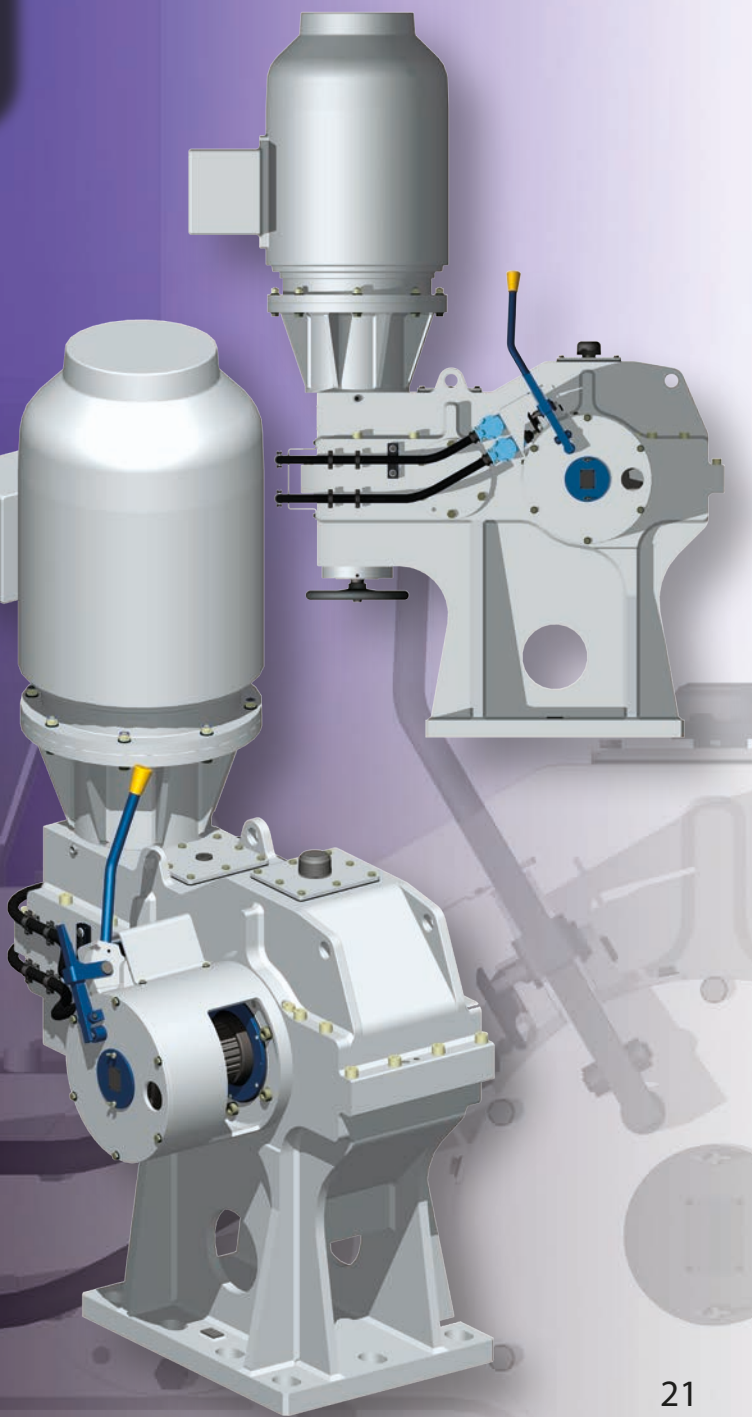
- Max torque at pinion 89 000 Nm
- Max output torque 388 000 Nm

Options:

- 30 kW to 55 kW electric motor
- Right and left-hand models
- May be combined with different project specific fabricated stands

Approximate dimensions
(depending on model):





Main Business Areas



Marine & Offshore



Steel &



Pulp & Paper



Energy



Katsa Oy designs and manufactures power transmission components and complete gear-box solutions for world-class customers in the following business areas:

Metals



Mining & Construction



& Wind



Vehicles & Rail





At Your Service

Katsa Oy designs and manufactures gear units and power transmission components. Since the establishment in 1955, Katsa Oy has been focusing on high-accuracy gearwheels and tailor-made gearboxes.

Today, products can be found wherever True Expertise is needed.



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