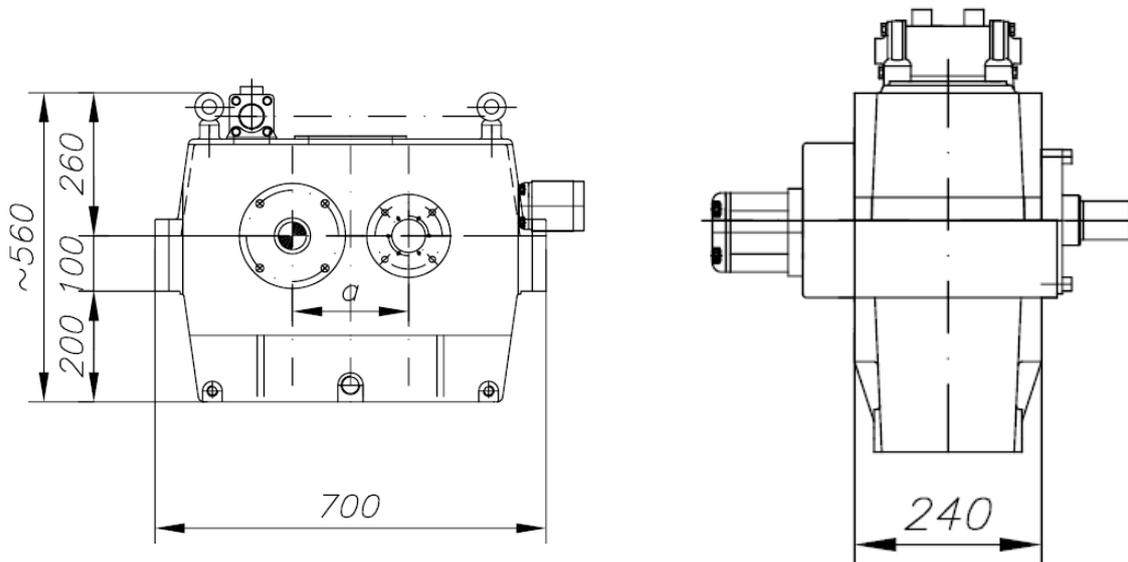


## FGC-160



Gearbox suitable for operation of 1-2 pumps with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 1,8 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FGC 160-HC**

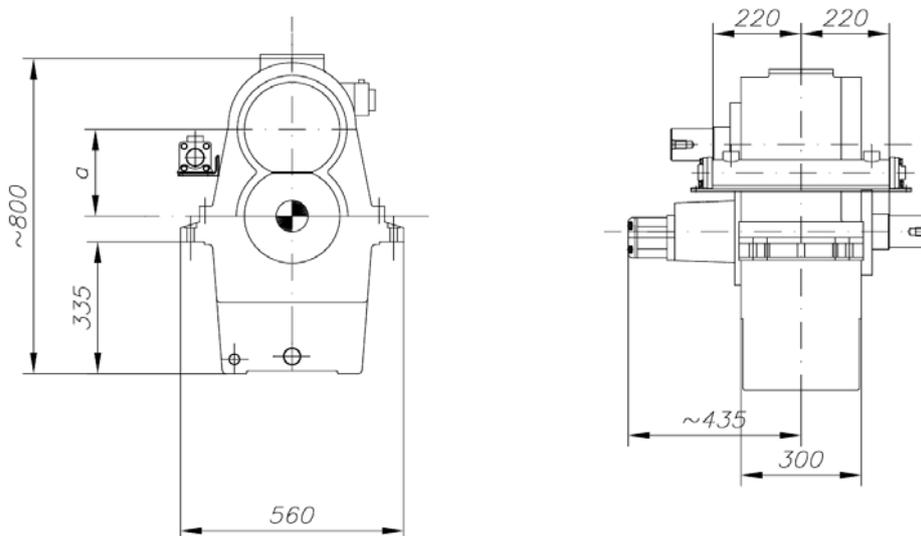
Gearbox without clutch, designation: **FGC 160-G**



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## FR-220



Gearbox suitable for operation of 1-2 pumps with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 2,6 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FR 220-HC**

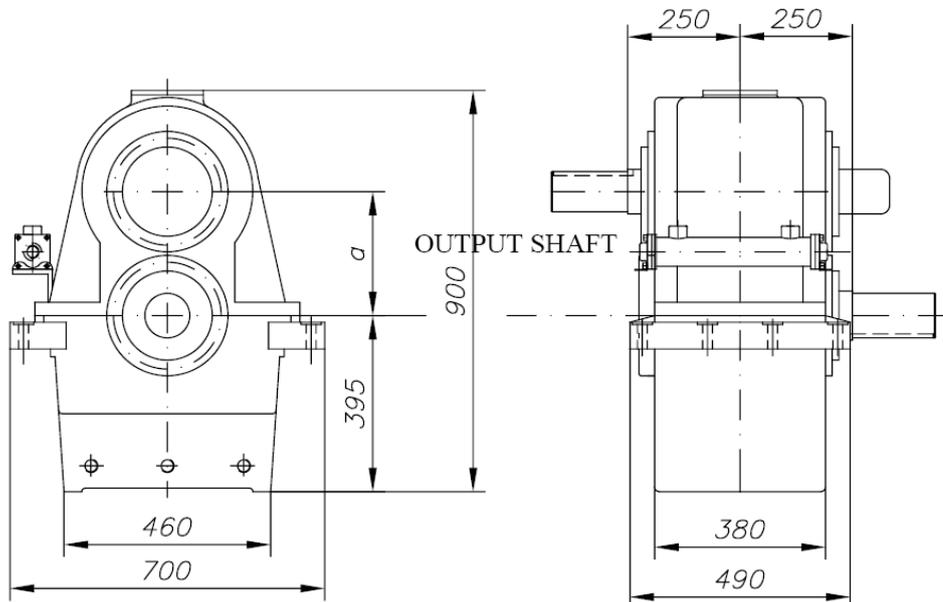
Gearbox without clutch, designation: **FR 220-G**



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**FR-280**



Gearbox suitable for operation of 1-2 pumps, with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 7,50 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FR 280-HC**

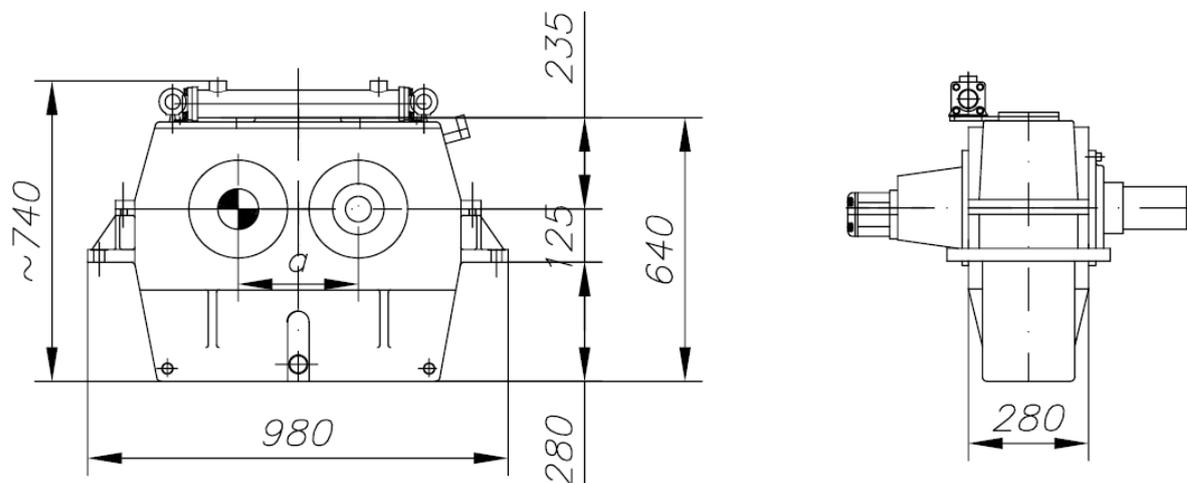
Gearbox without clutch, designation: **FR 280-G**



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## FGC 420



Gearbox suitable for operation of 2-4 pumps, with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 2,60 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FGC 420-HC**

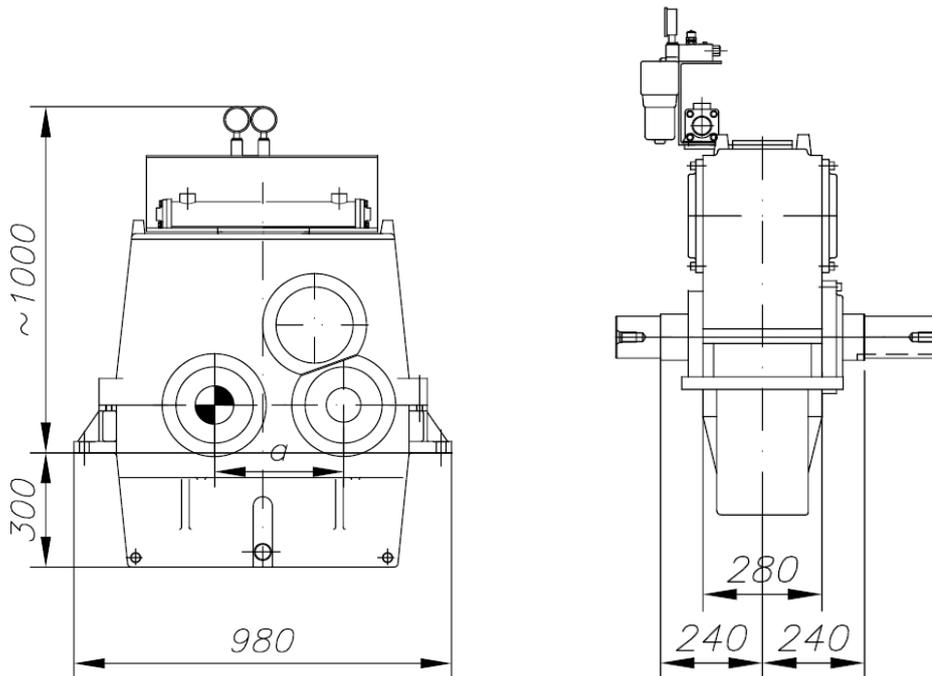
Gearbox without clutch, designation: **FGC 420-G**



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## FGT 420



Gearbox suitable for operation of 4-8 pumps, with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 2,60 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FGT 420-HC**

Gearbox without clutch, designation: **FGT 420-G**

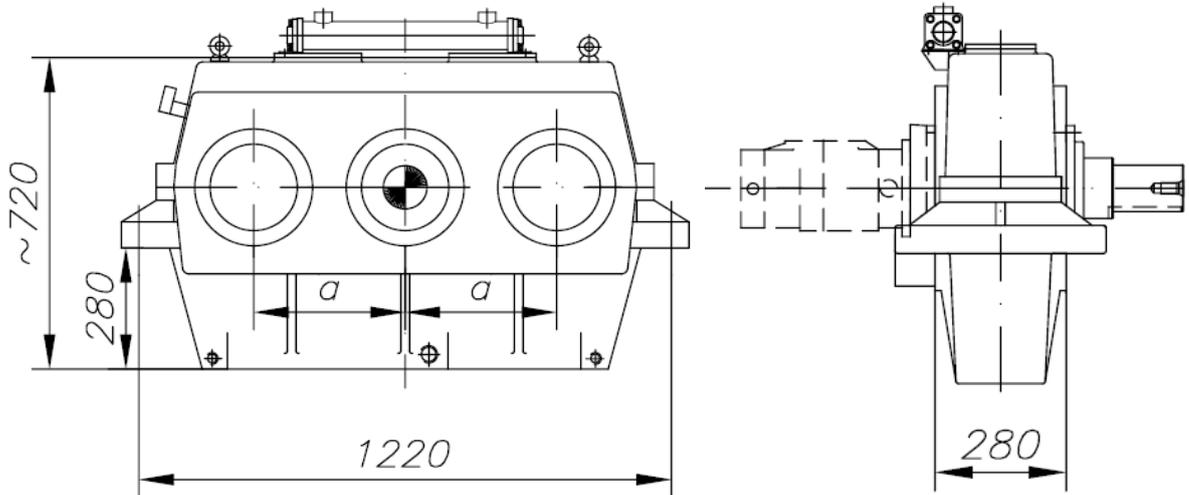
**NB! This gearbox is also suitable for clutches on the output shafts.**



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## FGC 620



Gearbox suitable for operation of 2-4 pumps, with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 7,50 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FGC 620-HC**

Gearbox without clutch, designation: **FGC 620-G**

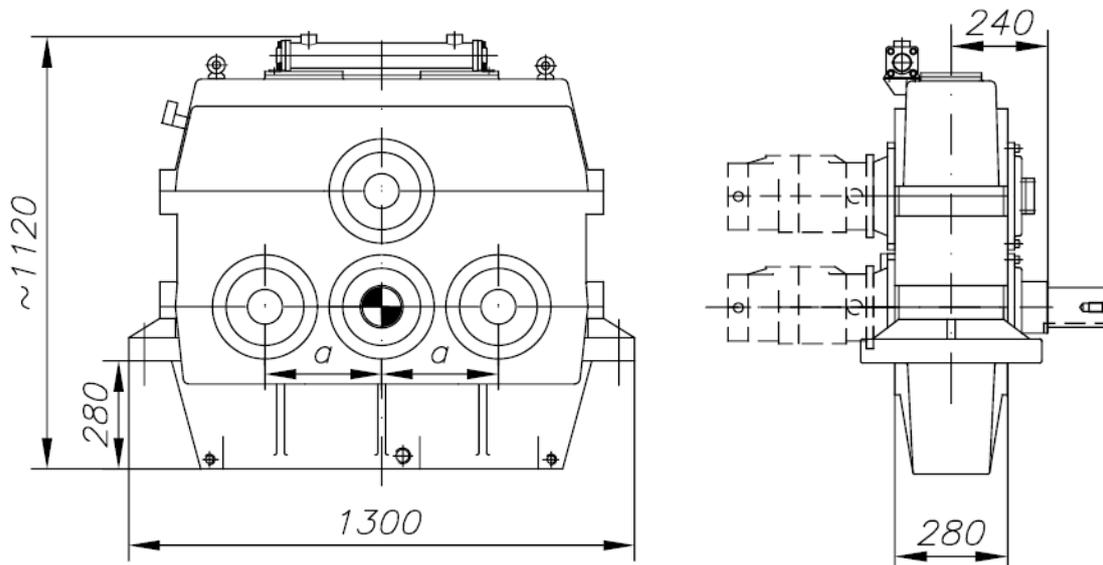
**NB! This gearbox is also suitable for clutches on the output shafts.**



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## FGT 620



Gearbox suitable for operation of 3-6 pumps, with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 7,50 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FGT 620-HC**

Gearbox without clutch, designation: **FGT 620-G**

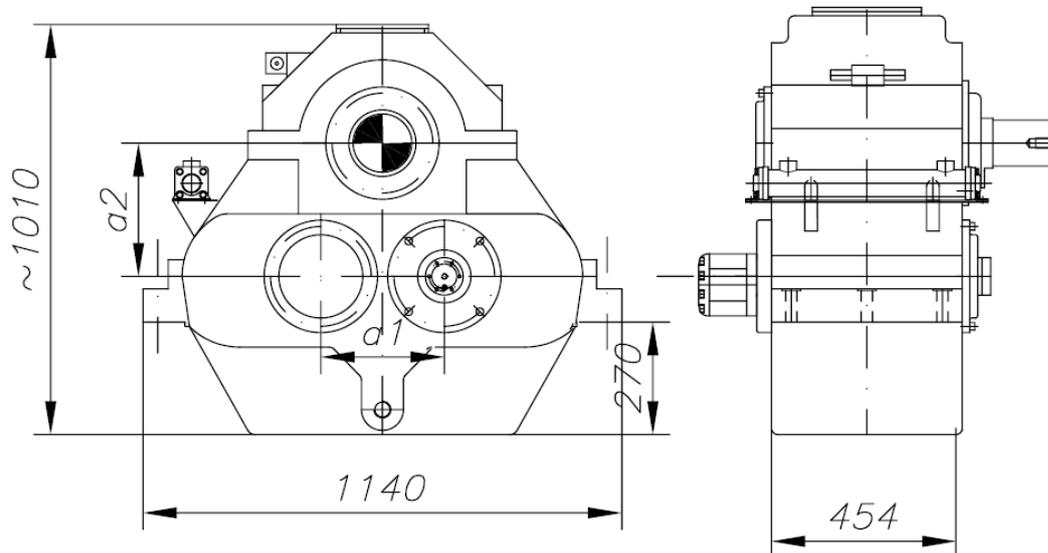
**NB! This gearbox is also suitable for clutches on the output shafts.**



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## FG 340



Gearbox suitable for operation of 6 pumps, with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 16 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FG 340-HC**

Gearbox without clutch, designation: **FG 340-G**

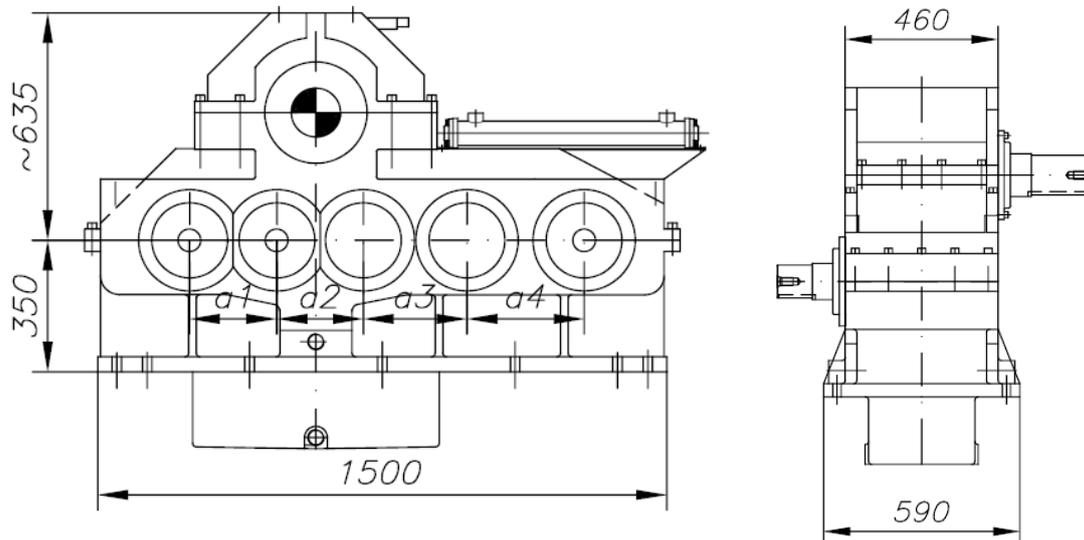
**NB! This gearbox is also suitable for clutches on the output shafts.**



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**FGC 340**



Gearbox suitable for operation of 8 pumps, with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 16 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FGC 340-HC**

Gearbox without clutch, designation: **FGC 340-G**

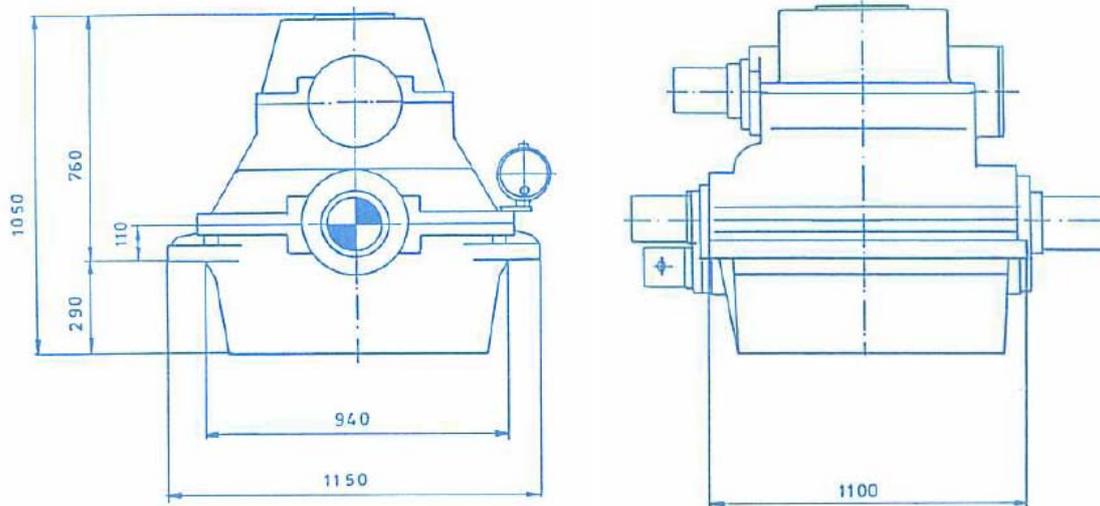
**NB! This gearbox is also suitable for clutches on the output shafts.**



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## FGO 400



Gearbox suitable for operation of large Fi-Fi pump, Fi-Fi II, 2 step generator drives or generator drive with no clutch.

Max. Torque at input shaft 30 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FGO 400-HC**

For 2 step generator drive, designation: **FGO 400-2-HC**

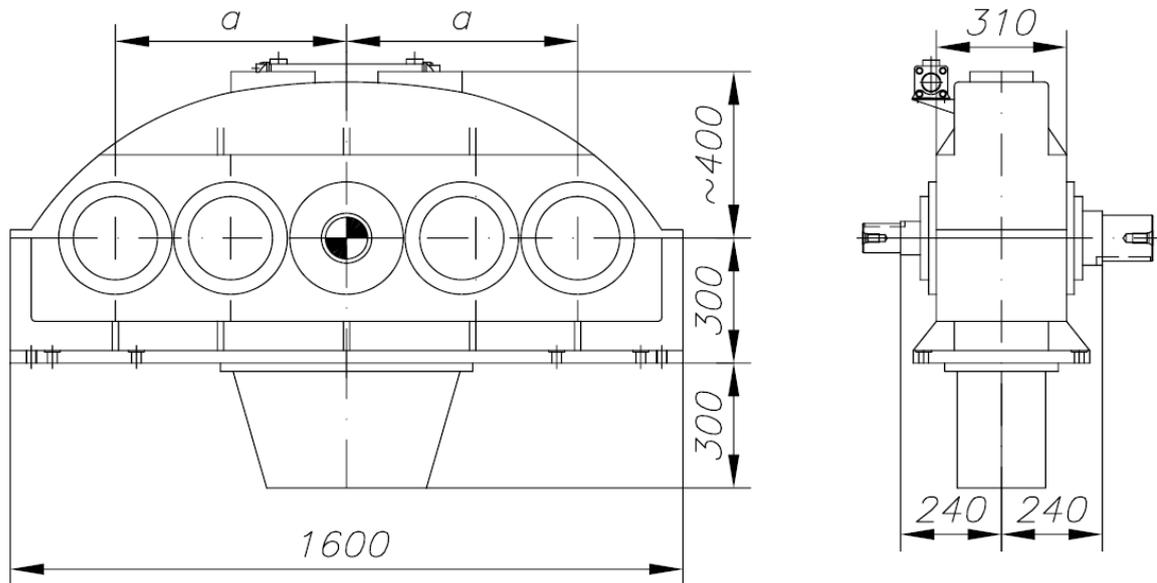
Gearbox without clutch, designation: **FGO 400-G**



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**FGC 1200**



Gearbox suitable for operation of 8 pumps, with built in clutch or without clutch. The gearbox can also operate generator, fan or compressor.

Max. torque input shaft 7,5 kNm.

**Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

**Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FGC 1200-HC**

Gearbox without clutch, designation: **FGC 1200-G**

**NB! This gearbox is also suitable for clutches on the output shafts.**

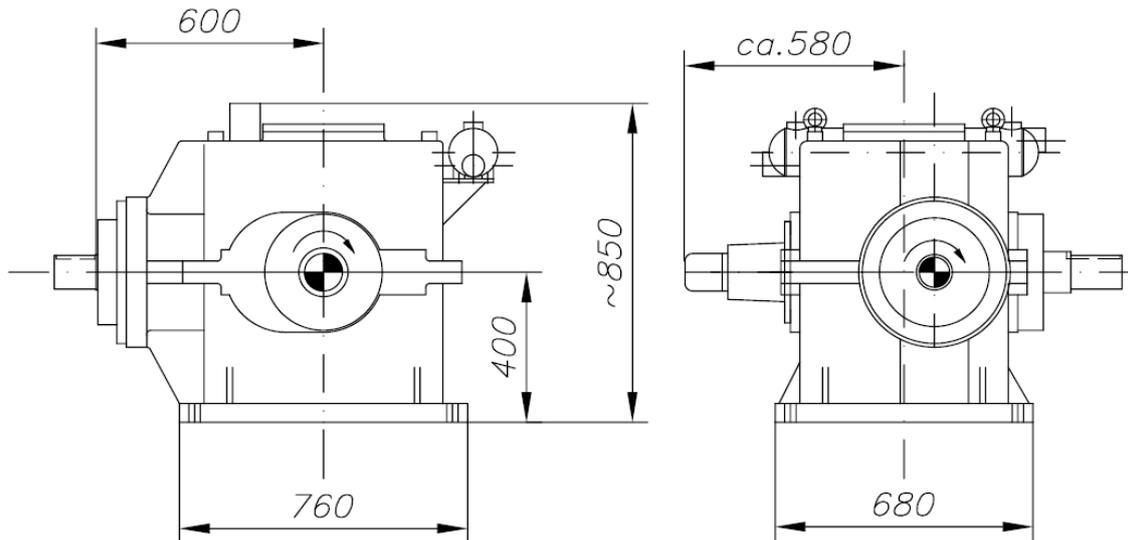


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## FK 500 H (Horizontal output shaft)

## FK 500 V (Vertical output shaft)



This is a gearbox for operation of generator or large pumps, with or without clutch built in, and with output shaft 90° vertically up or down or horizontally to either side.

### **Normal scope of supply for gearbox with built in clutch:**

Lubeoil pump, pressure filter, oil cooler, pressure gauges, pressure switch for low clutch pressure and solenoid valve for remote control of clutch from bridge.

### **Normal scope of supply for gearbox without clutch:**

Lubeoil pump, pressure filter and cooler.  
All components built onto the gearbox.

Gearbox with clutch, designation: **FK 500-H-HC or FK 500-V-HC**

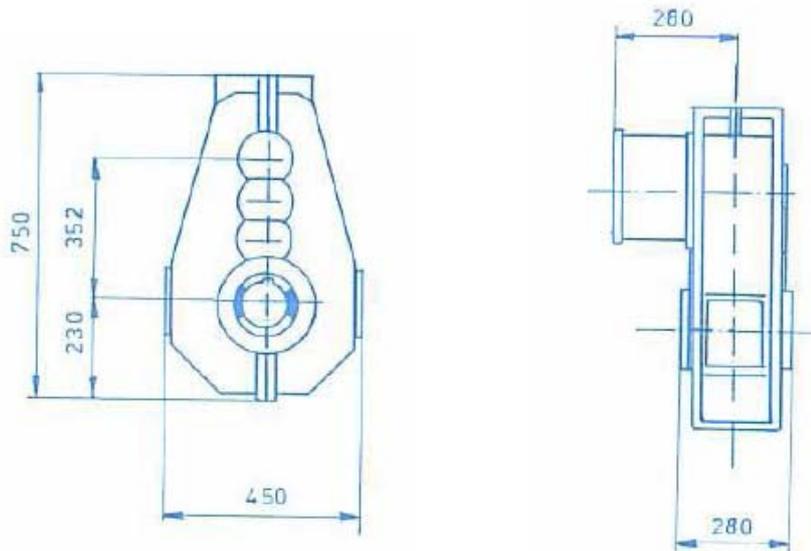
Gearbox without clutch, designation: **FK 500-H-G or FK 500-V-G**



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## TGC



Hollow shaft gearboxes—reduction gearboxes

Normally driven from electric or hydraulic motors.

Max. ratio 1:100

Torque range on output shaft, up to 15 kNm

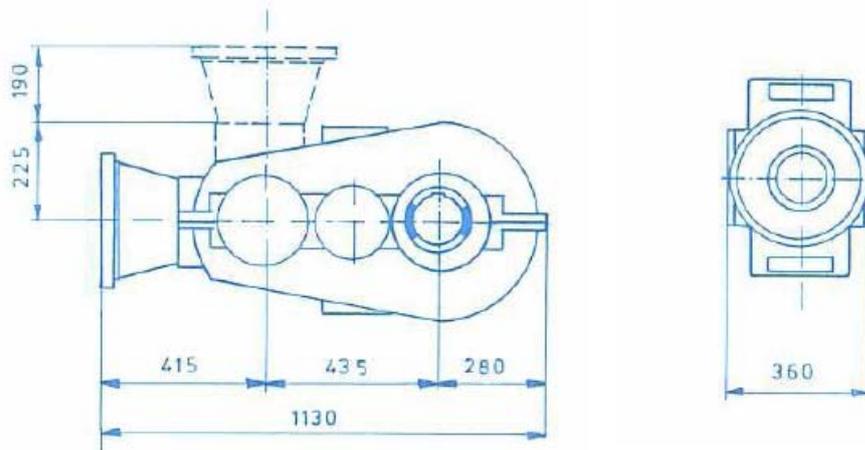
Gearbox designation: **TGC**



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## TGK



Hollow shaft gearboxes—reduction gearboxes

Normally driven from electric or hydraulic motors.

Max. ratio 1:100

Torque range on output shaft, up to 15 kNm

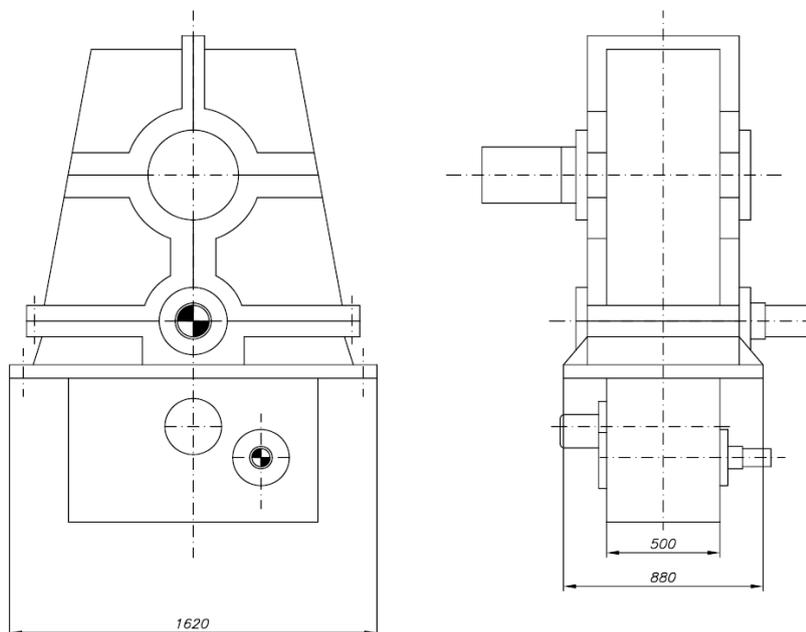
Gearbox designation: **TGK**



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## HGV



Main hoist drive, vertical type, driven from two hydraulic motors and with built in brakes.

Max. torque on output shaft up to 180 kNm.

Max. ratio 1:100

**Normal scope of supply:**

Lubeoilpump for forced lubrication, and radiator in connection with the engine cooling system, to cool the lub oil.

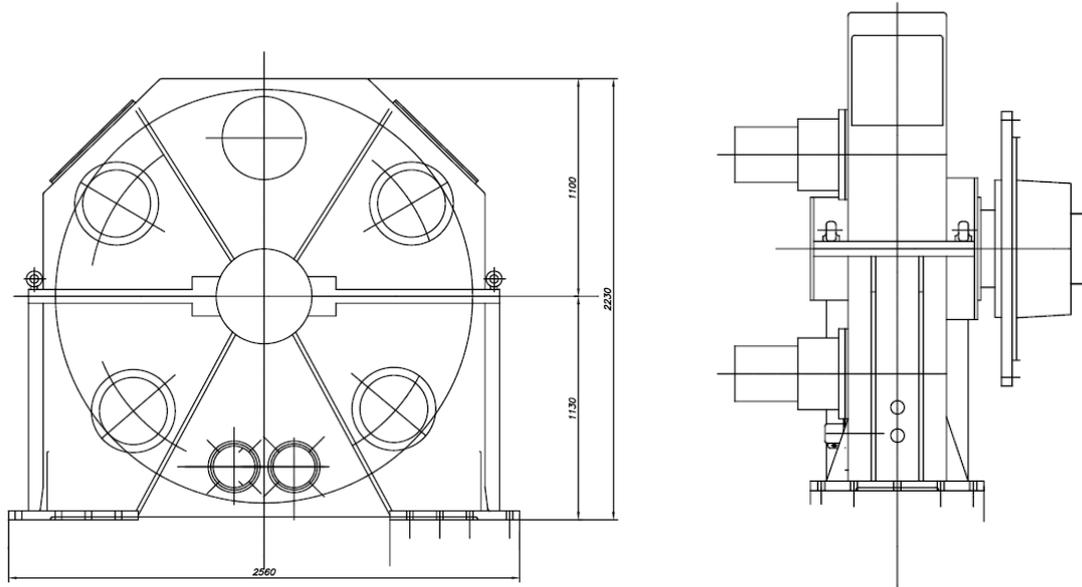
Gearbox designation: **HGV**



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## HGV 5



Gearbox for large winch drives.  
Driven from 5 hydraulic motors via planetary gears with built in brakes.

Max. torque on output shaft: 650 kNm

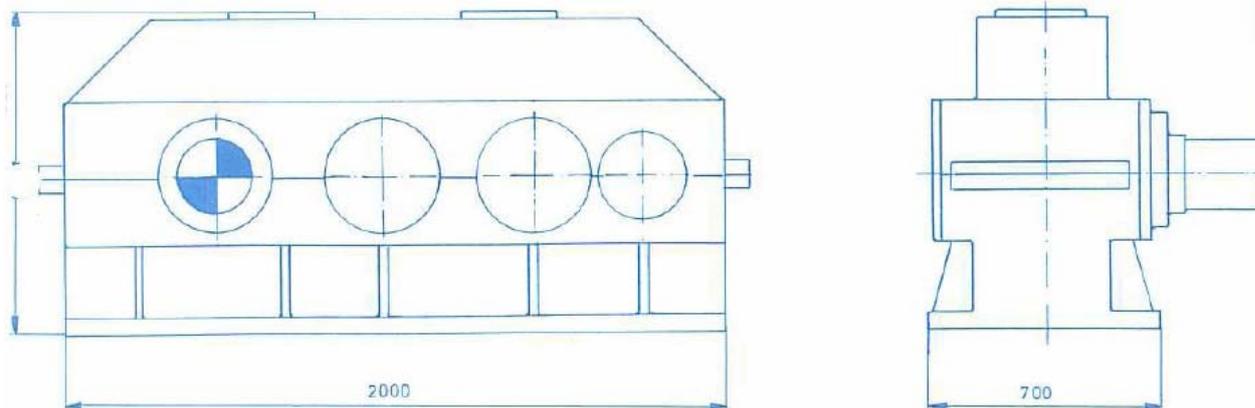
Gearbox designation: **HGV-5**



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## HGC 900 and up to HGC 1300



Main hoist gearboxes in cranes.

Gearboxes for operation of wire drums driven from electric motors DC or AC.

The gearbox offers 2 speeds on the output shaft—high speed at no load—arranged by built in electrically operated clutches.

The gearbox sizes range from 60 kNm to 150 kNm in max. torque on the wire drum.

Max. ratio 1:100

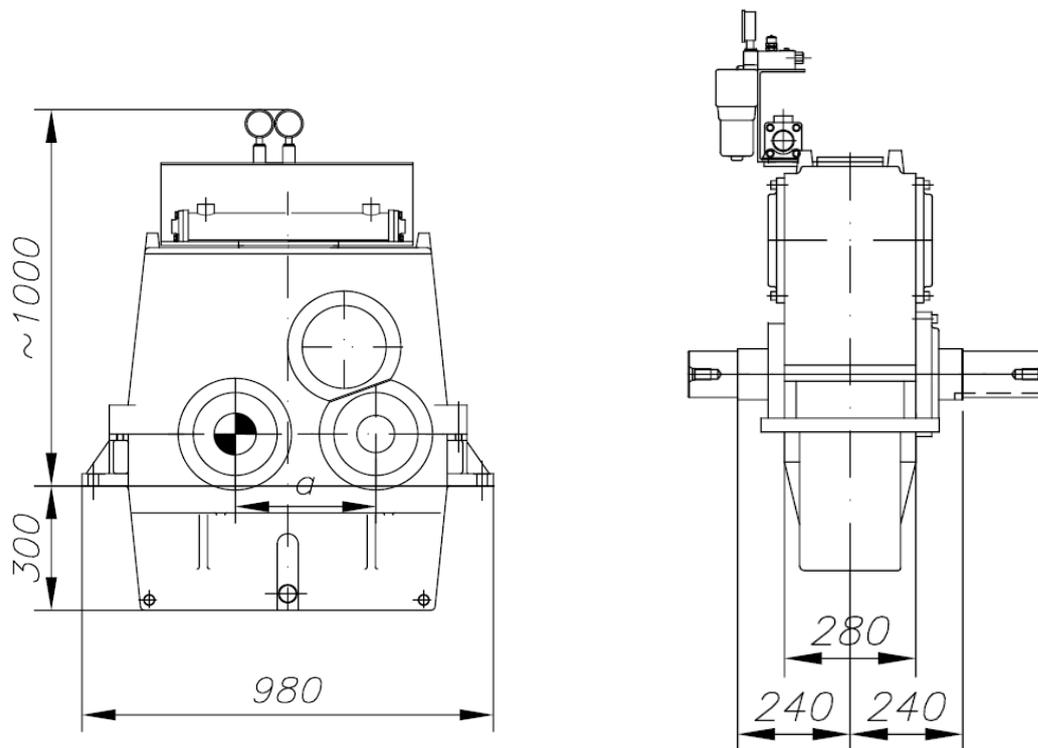
Gearbox designation: **HGC 900 and up to HGC 1300**



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## FGT 420



Splitter gearbox for operation of hydraulic pumps, powering main hoist in cranes.

The gearbox is normally driven from a diesel engine.

Power on the input shaft may range from 400 kw to 1200 kw at 1800 rpm from the engine.

**Normal scope of supply:**

Lube oil pump for circulation of lube oil, and radiator in connection with the engine cooling system, to cool the lubeoil.

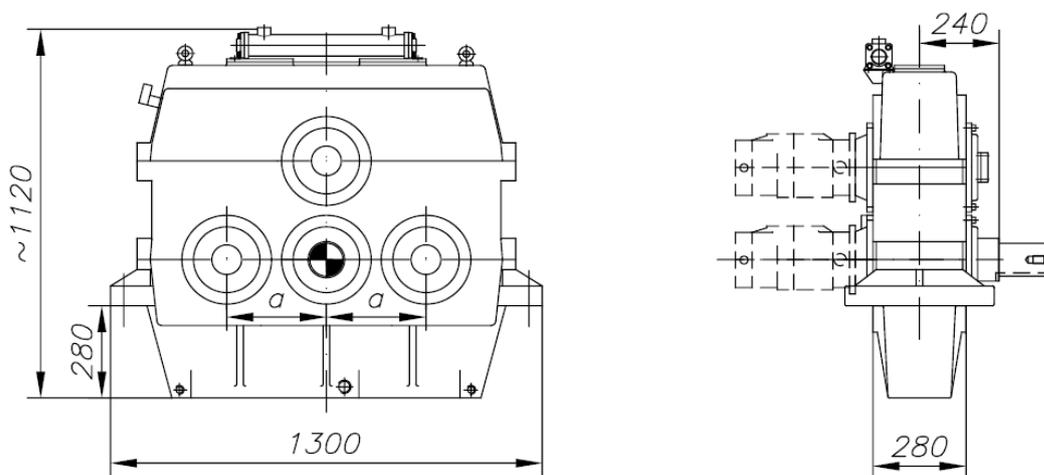
Gearbox designation: **FGT 420**



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## FGT 620



Splitter gearbox for operation of hydraulic pumps, powering main hoist in cranes.

The gearbox is normally driven from a diesel engine.

Power on the input shaft may range from 400 kw to 1200 kw at 1800 rpm from the engine.

**Normal scope of supply:**

Lube oil pump for circulation of lube oil, and radiator in connection with the engine cooling system, to cool the lubeoil.

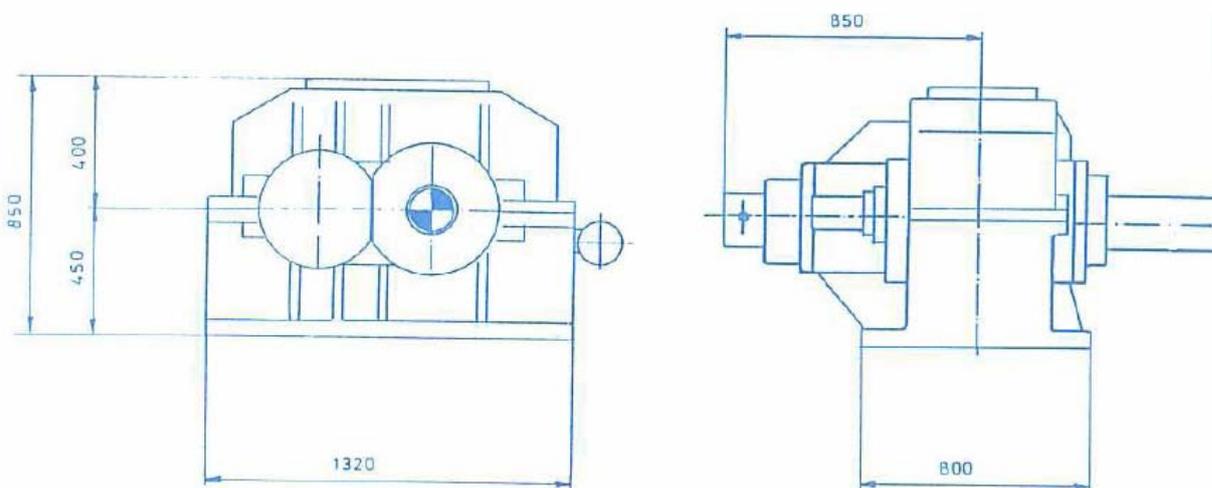
Gearbox designation: **FGT 620**



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## TG 450



Gearboxes for water turbines to accommodate the application of standard generators.

Output range up to 3.000 kw

The gearboxes are built with double helical gears, casehardened and ground, for long life, low noise and high efficiency.

### Scope of supply:

Lubeoil pump and stand-by pump, oil cooler, pressure filter, thermostat, pressure switch and vibration monitoring of bearings

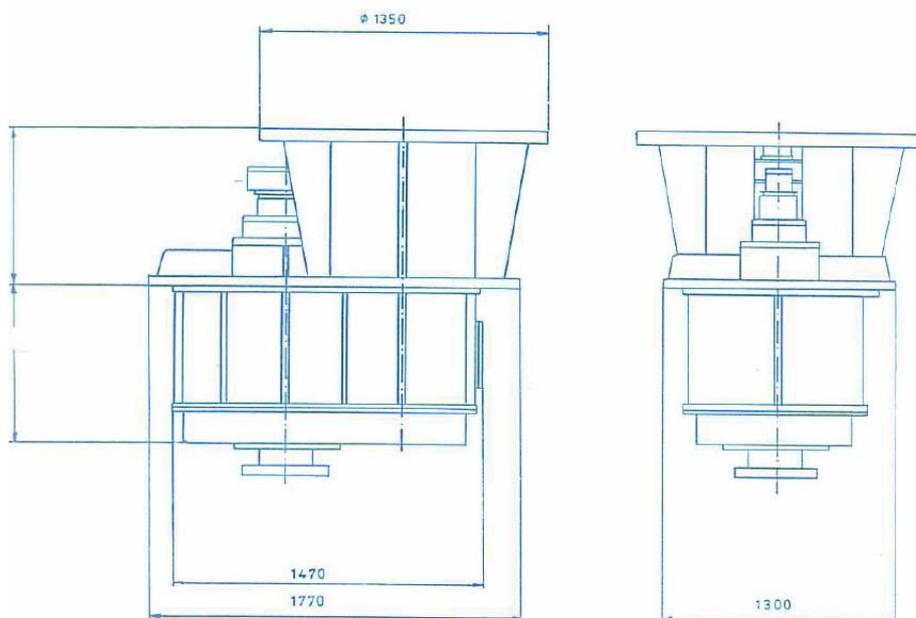
Gearbox designation: **TG 450**



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## VG 560



Gearboxes for water turbines to accommodate the application of standard generators.

Output range up to 3.000 kw

The gearboxes are built with double helical gears, casehardened and ground, for long life, low noise and high efficiency.

**Scope of supply:**

Lubeoil pump and stand-by pump, oil cooler, pressure filter, thermostat, pressure switch and vibration monitoring of bearings

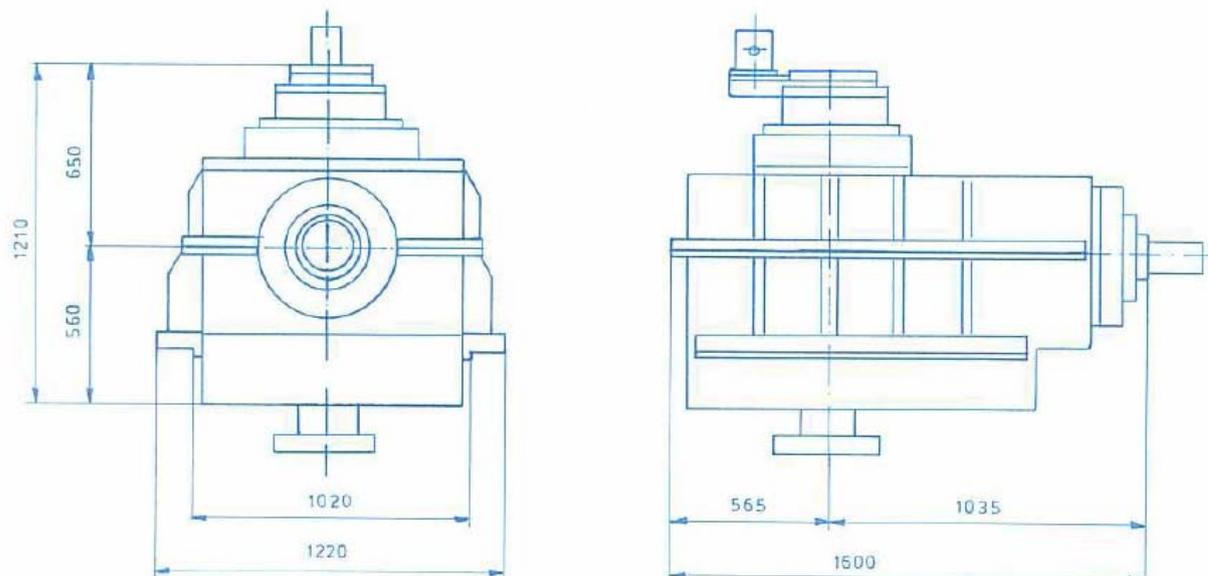
Gearbox designation: **VG 560**



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## VK 800



Gearboxes for water turbines to accommodate the application of standard generators.

Output range up to 3.000 kw

The gearboxes are built with double helical gears, casehardened and ground, for long life, low noise and high efficiency.

### Scope of supply:

Lubeoil pump and stand-by pump, oil cooler, pressure filter, thermostat, pressure switch and vibration monitoring of bearings

Gearbox designation: **VK 800**



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