Gearboxes for Mixing, Agitation and Flotation Application

ERflotation
Our new range of ERflotation gearboxes are designed for optimal operation in Flotation, Mixing and Agitation process commonly used in Mining and Environmental industries.

> Vertical direct drive reducers
> 5 sizes available up to 520 kW
> Output speed from 50 to 180 Rpm, reversible rotation

CMD customizes solutions to suit the specific technical specifications of each manufacturer.

Advantages

> High stiffness and load carrying capacities on the low speed shaft
> Specific housing designed able to withstand impeller dynamic loads
> Hollow low speed shaft and rigid output coupling allowing gas injection through the shaft easier
> Integrated lubrication and filtration unit
> Integrated forced air cooling
> Drywell design and reinforced sealing arrangement
> Premium energy efficiency
> Gear to shaft assembly by tapered press fit
> Stock and short lead times
**Product range**

### Standard accessories
- Air breather
- Oil level sight glass
- Oil filter*

### Optional accessories
- Vibration sensor
- Temperature probes
- Oil heater
- Electronic switch level
- Automatic grease dispenser

### Size 28
- Power Range: up to 75 kW
- Nominal Output Torque: 10 000 Nm
- Reduction Ratio**: 7.17 to 19.33
- Weight: 800 kg

### Size 36
- Power Range: up to 130 kW
- Nominal Output Torque: 20 000 Nm
- Reduction Ratio**: 10 to 18
- Weight: 1 100 kg

### Size 38
- Power Range: up to 200 kW
- Nominal Output Torque: 30 000 Nm
- Reduction Ratio**: 15 to 20
- Weight: 1 500 kg

### Size 40
- Power Range: up to 315 kW
- Nominal Output Torque: 60 000 Nm
- Reduction Ratio**: 19 to 23
- Weight: 2 400 kg

### Size 42
- Power Range: up to 520 kW
- Nominal Output Torque: 120 000 Nm
- Reduction Ratio**: 20 to 27
- Weight: 4 000 kg

*Except size 28
** Ratio given for information only. For any other requirement, please contact CMD for a detailed study.

For any QUERY or request for QUOTATION:
contact@cmdgears.com
You might also be interested in...

- Thickeners-Clarifiers
- Autoclaves
- Granulators and Dryers
- Ball Mills, Vertical mills
- Flexacier®
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La FRENCH FAB
French design & manufacture

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