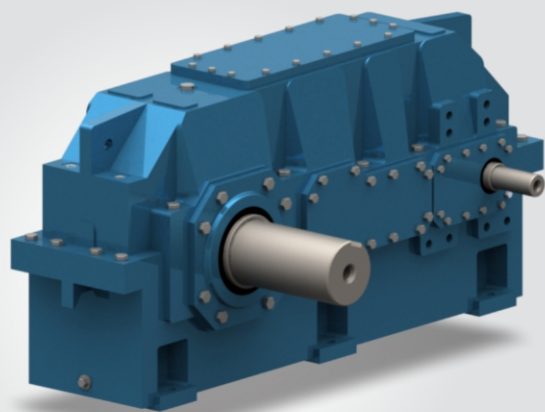




CD SERIES

» Crane Duty Gearbox



The CD Series is specifically developed for drives of transporting equipment, lifting gears, cranes and elevators. The 3- and 4-stage designs of the same gear unit size have the same housing dimensions with the parting line at the level of the shaft. It is available in foot-mounted or shaft-mounted design.

Gear unit design for three-point housing support also available. The housings are made out of GG 20, in special cases out of GGG 40, or of fabricated steel

Technical Data Overview

| | |
|--------------------|--------------------|
| Rated Torque | Up to 109,000 Nm |
| Transmission | $i = 14 \dots 250$ |
| Power | Up to 986 kW |
| Translation Stages | 3 and 4 stage |
| Gear Type | 5 - 14 (10 Sizes) |
| Type | CDC, CDD |



Input Option



Solid Input Shaft



IEC Flange

Input Mode

- Metric system solid input shaft
- Double extended input shaft for drum break mounting
- Motor bell housing for direct motor mounting

Output Mode

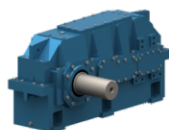
- Single and Double solid output shaft with key
- Hollow shaft with Keyway
- Hollow shaft with Shrink Disk
- Splined hollow shaft with involute spline to DIN 5480
- Flange Shaft

Mounting

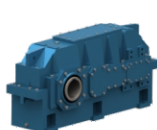
- 3 - Stage and 4- Stage , Horizontal , Shaft mounted and three point support



Output Option



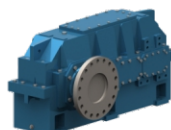
Solid Output Shaft



Spline Shaft



Shaft Mounting



Flange Shaft



**ADVANCED
ENTERPRISES**



CD SERIES

» Crane Duty Gearbox

| TECHNICAL DATA | | | | | | | |
|----------------|---------|--------|------|--------------------|---------------------|--------|-------------|
| Model | Stages | Ratio | CD | Output Solid Shaft | Output Hollow Shaft | Torque | Weight (kg) |
| 5 | 3-Stage | 14-50 | 472 | 100 | 100 | 11000 | 380 |
| | 4-Stage | 20-200 | 562 | | | | |
| 6 | 3-Stage | 18-63 | 507 | 110 | 110 | 14500 | 440 |
| | 4-Stage | 25-250 | 597 | | | | |
| 7 | 3-Stage | 14-50 | 577 | 120 | 120 | 20500 | 605 |
| | 4-Stage | 20-200 | 687 | | | | |
| 8 | 3-Stage | 18-63 | 622 | 130 | 130 | 25500 | 690 |
| | 4-Stage | 25-250 | 732 | | | | |
| 9 | 3-Stage | 14-50 | 675 | 140 | 145 | 34000 | 955 |
| | 4-Stage | 20-200 | 805 | | | | |
| 10 | 3-Stage | 18-63 | 725 | 160 | 155 | 43000 | 1100 |
| | 4-Stage | 25-250 | 855 | | | | |
| 11 | 3-Stage | 14-50 | 815 | 170 | 170 | 60000 | 1535 |
| | 4-Stage | 20-200 | 975 | | | | |
| 12 | 3-Stage | 18-63 | 885 | 180 | 185 | 75000 | 1820 |
| | 4-Stage | 25-250 | 1045 | | | | |
| 13 | 3-Stage | 14-50 | 950 | 200 | 195 | 88000 | 2400 |
| | 4-Stage | 20-200 | 1135 | | | | |
| 14 | 3-Stage | 18-63 | 1020 | 210 | 215 | 109000 | 2860 |
| | 4-Stage | 25-250 | 1205 | | | | |

ADVANCED ENTERPRISES

Industrial Gears & Gearbox Manufacturers

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