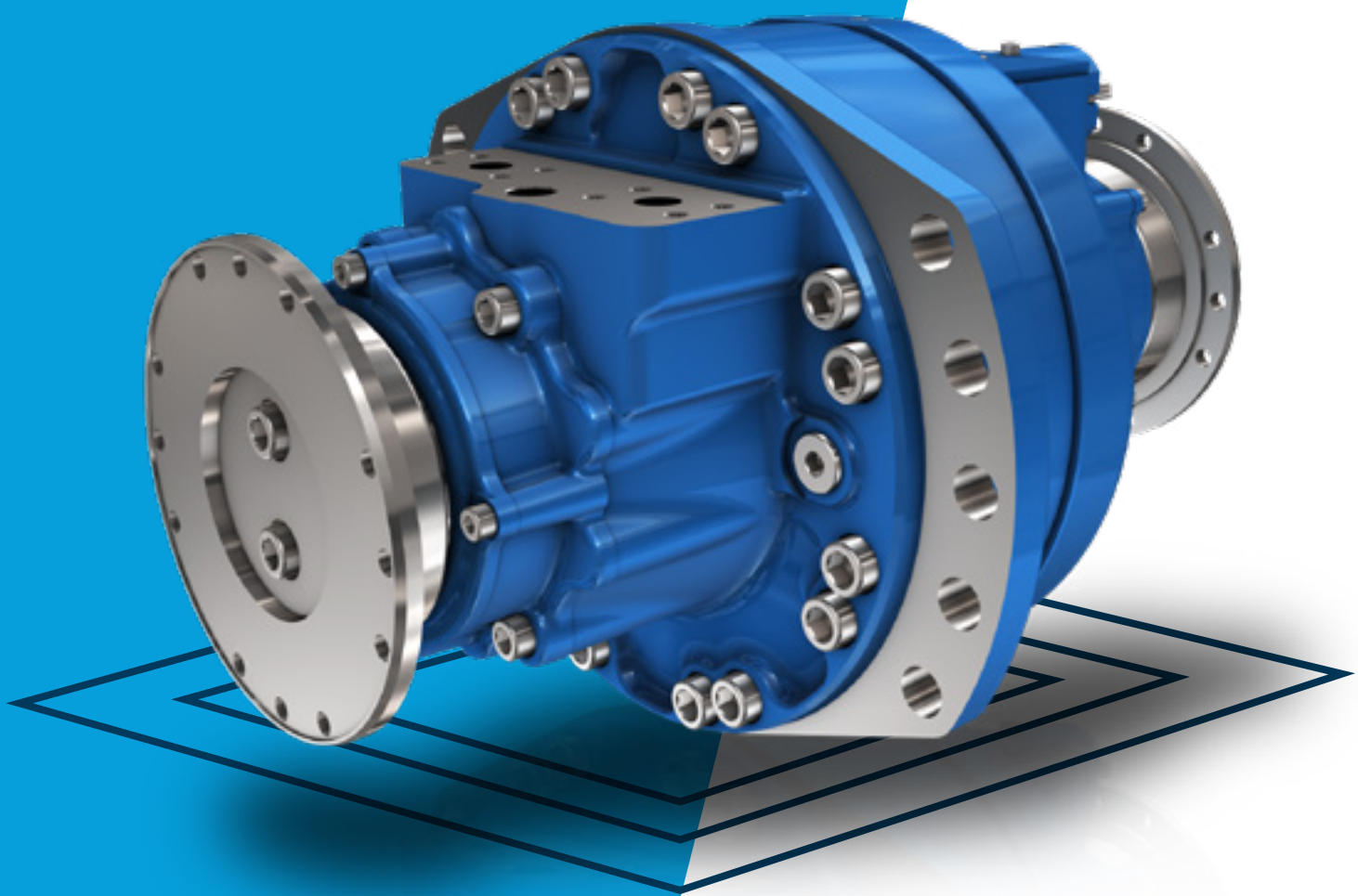
# CREEPDRIVE
## TO WORK AT LOW AND CONSTANT SPEED

- Single or dual displacement
- Integrated clutch
- Watertight design
- Compact

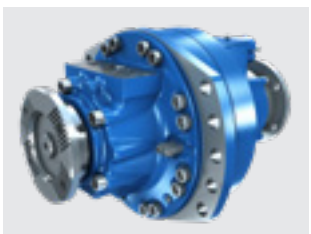


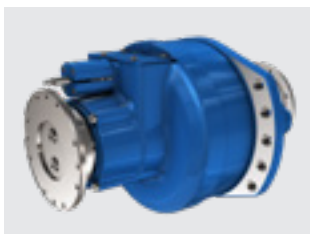
# CDM

## CDM10 ▪ CDM20

| |
|---|
| From 728 to 2 424 $cm^3$/rev. [44.4 to 148.1 cu.in/rev.] |
| Up to 15 580 N.m [11,491 lbf.ft] |
| Up to 450 bar [6,527 PSI] |
| Up to 389 rpm (3,700 rpm in freewheeling) |
| Up to 175 kW [234.7 HP] |









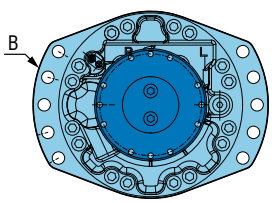
## Performance

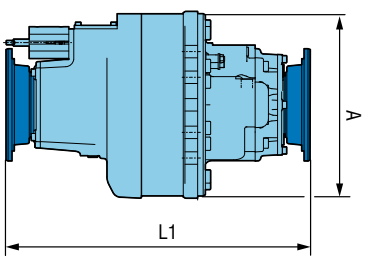
| | Max. Pressure bar [PSI] | Displacement range First displacement cm³/rev [cu.in/rev] | Displacement range Second displacement cm³/rev [cu.in/rev] | Max. Torque output N.m [lbf.ft] | Max. speed CreepDrive mode RPM | Max. speed Freewheeling mode RPM | Max. Power kW [HP] |
|---|---|---|---|---|---|---|---|
| **CDM10** | 450 [6,527] | 728 - 1 352 [44.4] - [82.5] | - - | 8 680 [6,401] | 389 | 3 700 | 95 [127.4] |
| **CDM20** | 450 [6,527] | 1 416 - 2 427 [86.4] - [148.1] | 708 - 1 214 [43.2] - [74.1] | 15 580 [11,491] | 363 | 3 700 | 175 [234.7] |

## Dimensions

| | | CDM10 | CDM20 |
|---|---|---|---|
| | | Companion flange | Companion flange |
| **L1** | mm [in] | 504 [19.84] | 550 [21.65] |
| **A dia. max.** | mm [in] | 329 [12.95] | 329 [13.00] |
| **B dia. max.** | mm [in] | 425 [16.73] | 425 [16.73] |
| **Weight max.** | kg [lb] | 130 [287] | 160 [353] |

CDM 10 and CDM20 with companion flange










## Shaft types

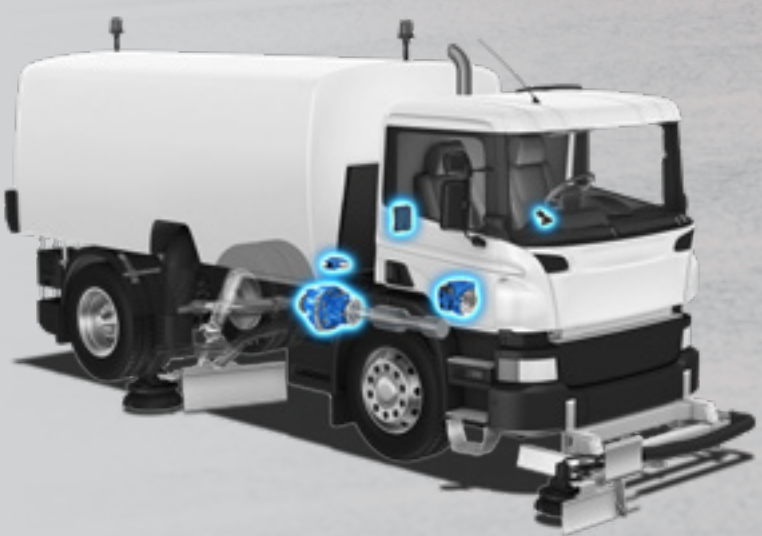
| | Companion flange | | | | | |
|---|---|---|---|---|---|---|
| | SAE 1650 | SAE 1710 | SAE 1810 | XS 150 | XS 180 | XS 200 |
| **CDM10** | ● | ● | ● | ● | ● | - |
| **CDM20** | - | ● | ● | ● | ● | ● |

# CREEPDRIVE SOLUTION

## Consistent low speed drive

CreepDrive is a hybrid mechanical-hydraulic transmission for vehicles that travel at normal speed and work at low speed.
The system allows vehicles to work at very low constant speed regardless of the engine speed, allowing auxiliary systems to take the power they need to perform work effectively.
When the system is disengaged, the vehicle is able to drive at normal on-road speed with no additional losses.

- Can be integrated in all trucks from 12t up to 44t for multiple applications
- Compatible with diesel, gasoline and LNG
- Compatible with automatic and manual gearbox
- Fitted on trucks with or without CAN Bus



## Benefits

- Ability to work at constant speed from 0.4 kph to 12 kph [0.25 mph to 7.5 mph] in both forward and reverse
- Independent of engine speed
- Compatible with low engine rpm enabling low noise level
- Easy to install and mount on the chassis
- Does not affect the original truck kinematics
- No impact on chassis stiffness, the original chassis flexibility is guaranteed
- Reduces wear on the brake, clutch and transmission
- No need for specific maintenance: CreepDrive maintenance is done simultaneously with mechanical transmission's maintenances

More information > Page 64