

Performance
DURABILITY ◀
Reliability

C90-80hp ◀

2 Wheel drive powershuttle transmission

SPECIFICATIONS

FEATURES

- New Design with market leading performance standards
- Minimised, precision helical gear tooth design, maximises contact surface, reduces noise and increases reliability
- 80 Horse Power / 56 kilowatts
- 25% reduction in friction losses provide a 3% fuel saving
- Optimised taper roller bearings increase load capacity
- Fully synchronised, easy shifting between gears for increased productivity
- 2 Wheel drive

DESIGN BENEFITS

- 4 speeds forward, and 4 reverse speeds
- Smooth shifting to reduce operator fatigue
- Directional change without braking
- Co-axial pump drive allows auxiliary pump installation
- 20% reduction in package size using a total of 11 litres of oil for transmission and torque converter

C90-80hp Specifications

RATINGS

Ratings Input Power	80hp / 59kW
Rating Input Torque	442 lb.ft / 600Nm
Rated Input Speed	2,400 rpm
Maximum Input Speed	2,600 rpm
Minimum Input Speed	600 rpm

All Ratings Subject to Duty Cycle and Application Approval.

POWER TAKE OFF (PUMP AUXILIARY DRIVE)

Co-axial hydraulic pump drive SAE "B" 2 Bolt Drive on Rear of Transmission

Rated Power 80 hp / 59 kW

CLUTCHES

Clutches Electro-Hydraulic, Oil-Cooled, Multidisc

Clutch Modulation Control Hydro-mechanical on / off valve

GEARS

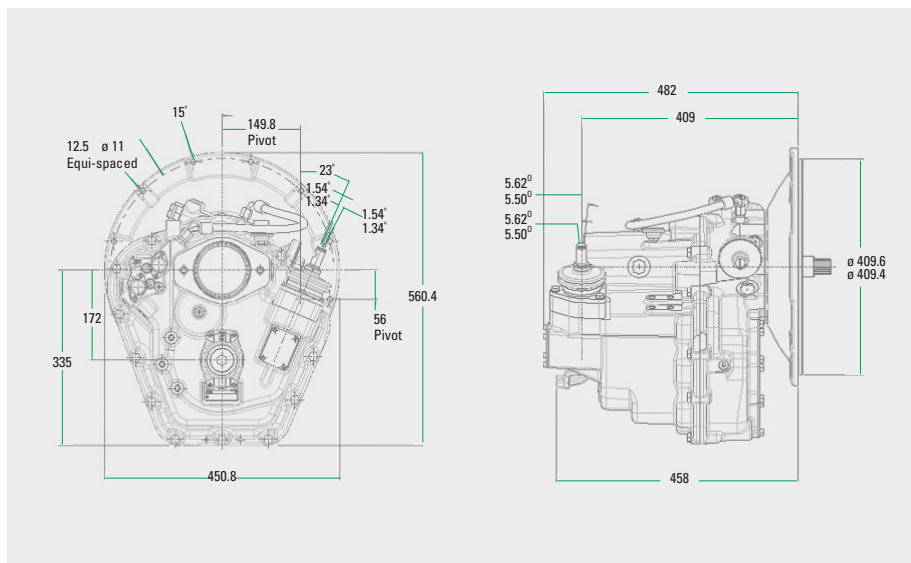
Gearing Type Helical

Standard Gear Ratios

1F	5.174
2F	3.097
3F	1.304
4F	0.774
1R	5.174
2R	3.097
3R	1.304
4R	0.7740

OPTIONAL FEATURES

- Speed sensor
- Temperature sender
- Pressure sender
- Torque converter
- 'Spin-on' oil filter
- SAE3 or SAE4 flywheel housing



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