

Performance  
**DURABILITY** ◀  
Reliability

# PG115-LUC ◀

Powershift Transmission

## SPECIFICATIONS

### FEATURES

- Industry leading durability and reliability
- Torque Converter Lock-up function in 5th and 6th gear
- Refined and matured design
- Precision helical gearing for greater noise reduction
- Easy shifting between gears for increased productivity
- Compact layout to enable easy installation
- Many options to suit specific applications

### DESIGN BENEFITS

- 6 speeds forward, and 3 speed reverse speeds
- Smooth shifting to reduce operator fatigue
- Directional changes without braking
- Electronic controller supplied complete with:
  - Illegal shift and start inhibits
  - 'Kick down' and hold to lower gear
- 'Engage on the move' AWD for convenience and improved braking
- Co-axial pump allows easy auxiliary pump installation
- Flexible gear ratios to optimise performance

# PG115-LUC Specifications

## RATINGS

Rated Input Power	130 hp / 95 kW
Rated Input Torque	600 lbf.ft/ 800 Nm
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)

Mounting	SAE "C" 2 or 2 and 4 Bolt Drive on rear Transmission
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Rated Power	80 hp / 60 kW
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## CLUTCHES

Clutches	Electro-Hydraulic, Oil-Cooled, Multidisc
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Clutch Modulation Control	Hydromechanical Modulation Valve
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## GEARS

Gearing Type	Helical
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### Standard Gear Ratios

1F	4.842	4.842
2F	3.000	3.000
3F	2.276	2.276
4F	1.410	1.410
5F	1.000	1.133
6F	0.620	0.702

4 Wheel Drive Ratio 0.973 or 1.000

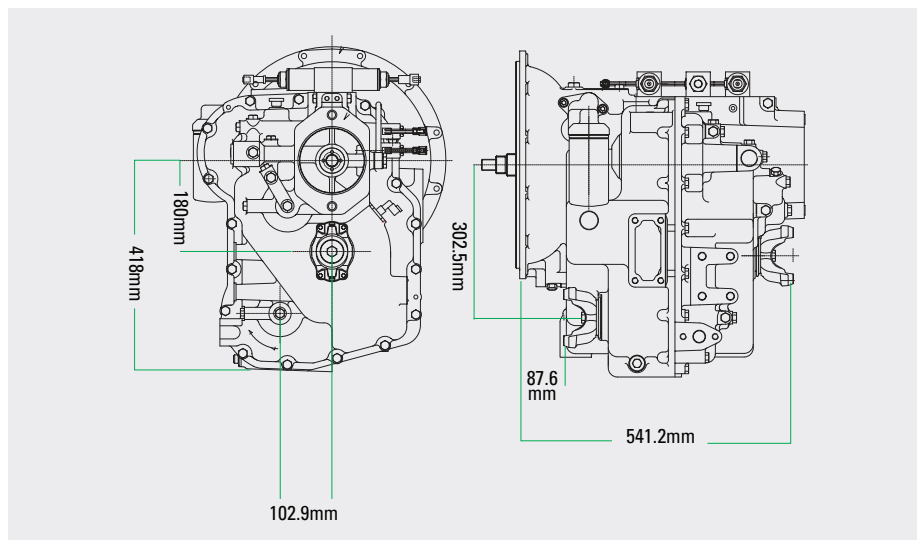
(Rotating opposite to Engine 0.973 or 1:1

for each gear ratio option)

1R	4.842	4.842
2R	2.276	2.276
3R	1.000	1.133

## OPTIONAL FEATURES

- Torque converter to match co-ax pump drive machine application
- Various ratios available to match the application
- 20 kp/h option for TUV regulations
- Fully modulated control valves for directional changes
- Sequential shift electronic controller
- Temperature sender (max 120°C) available
- Available without pump drive
- Caliper park brake available
- Optional electrical connectors Deutsch or DIN
- 4 wheel drive options:
  - Full multi-plate clutch pack 'engage on the move'
  - Permanent 4 wheel drive
- Remote mount transmission option available
- Variable read-out temperature sensor available
- Oil Filter
- Dip-stick and assembly



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