



*Image shown may not
reflect actual transmission*

NUMBER OF GEARS

# Gears (Forward/Reverse)	4F / 4R
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RATINGS

Rated Input Power	311 hp / 232 kW
Rated Input Torque	817 ft-lb / 1,108 N-m
Rated Input Speed	2,000 rpm
Maximum Input Speed	2,200 rpm
Minimum Input Speed	700 rpm

ROTATION

Input Rotation	SAE J824 Standard
Output Rotation	Forward, Same as Input Reverse, Opposite Input

MOUNTINGS

Output Connection (Yoke)	Non-Standard
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ELECTRICAL SYSTEM

Electrical System	12V or 24V
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TORQUE CONVERTER

Series	TC40-ESF
Stall Torque Ratio at Rated Speed	2.51

POWER TAKE OFF (PUMP AUXILIARY DRIVE)

Description	2 x PTO's Integral Live Drive 1:1 Ratio Input Shaft
Location	10:00 When Viewed From Rear of Transmission
Mountings	2 Locations, One On Front and One On Rear of Torque Converter
Rated Power	23 hp / 17.2 kW

CLUTCHES

Clutches	Electro-Hydraulic Fully Modulated, Oil Cooled, Multidisc
Clutch Modulation Control	Cat® Electronic Clutch Pressure Control (ECPC)

OIL SYSTEM

Oil	Cat Transmission/ Drive Train SAE 30 Transmission Drive Train Oil-4 (or Equivalent)
Max Oil Temperatures	
Continuous	195°F / 90°C
Operating	210°F / 99°C
Hydraulic Fill Capacity	16.4 gal / 62 L
Filter Type	6 Micron Paper Cartridge Remote Mounted

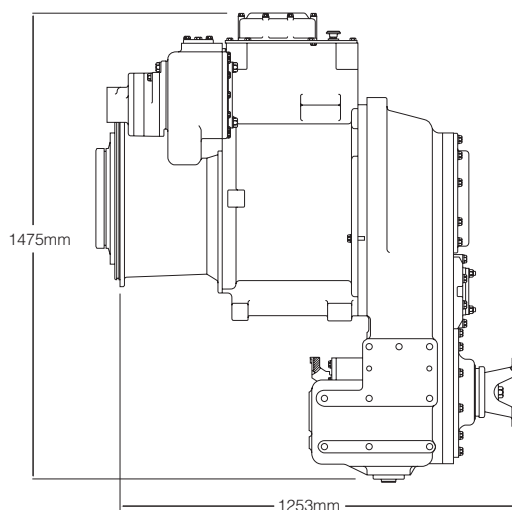
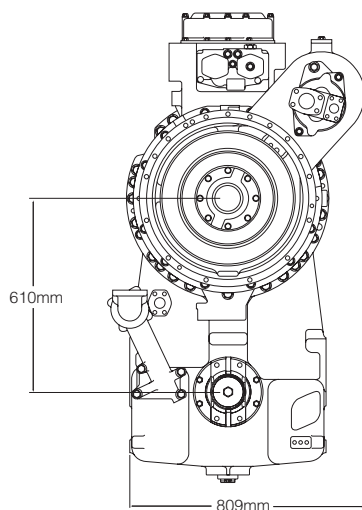
GEARS

Transmission Gearing Type	Helical, Straight Spur Planetary
<i>*Gear Ratios</i>	
1F	5.6048
2F	3.1428
3F	1.7751
4F	1.0000
1R	-4.9042
2R	-2.7500
3R	-1.5532
4R	-0.8750

WEIGHT

**Approximate Dry Weight*

Weight without Retarder 3,300 lbs / 1,497 kg



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