

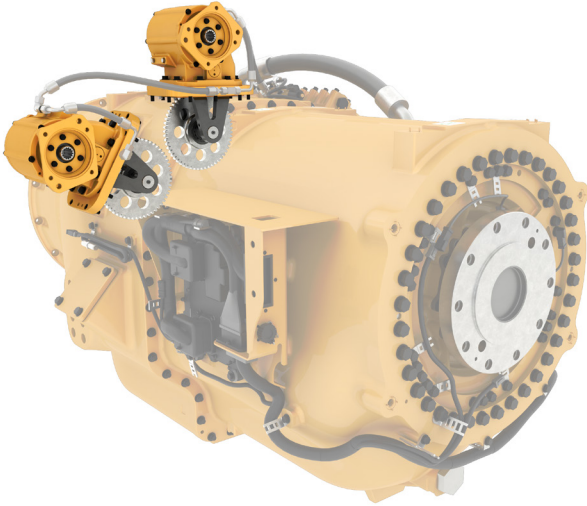


CAT® PTO (Power Take-Off)

112 kW (150 hp) at 1900 rpm

SPECIFICATIONS

Maximum Power at 1900 rpm	112 kW (150 hp)
Maximum Torque at 1900 rpm	486 Nm (358 lb-ft)
Transmission Mount Interface	SAE J704 Standard 8-Bolt
Pump Mount Interface	SAE "C" J744 2-Bolt or 4-Bolt
PTO Output Shaft Interface	SAE "C" J744 14-Tooth
Allowable Bending Moment	SAE J2662 81 Nm (60 lb-ft)
Total Weight	55 kg (121 lbs)
PTO Weight	32 kg (71 lbs)
Idler Weight	23 kg (50 lbs)



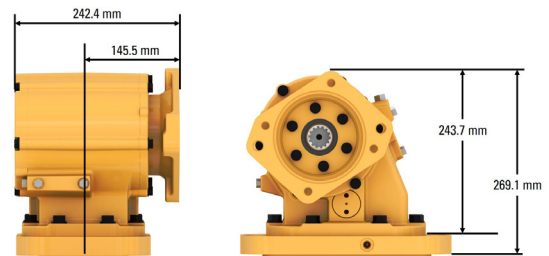
TH53-E60 shown with optional equipment.

FEATURES AND BENEFITS

PTO Design

- Supports up to 112 kW (150 hp)
- Heavy duty design to match transmission life
- Specifically designed for use with Cat Well Service 1200-3300 hp Transmissions
- Available for 8 or 10-bolt mounting pads found on Cat transmissions listed in the Transmission Compatibility Chart
- Reconfigurable orientation
- Multiple ratio options available
- Unmatched product support offered through worldwide Cat dealer network.
 - More than 2,200 dealer outlets
 - Caterpillar factory-trained dealer technicians service every aspect of your petroleum engine-transmission package
 - Cat parts and labor warranty
 - Preventive maintenance agreements available for repair-before-failure options
- For all your petroleum power requirements, visit www.cat.com/oilandgas

DIMENSIONS



Height with Idler	269.1 mm	10.6 in
Height	243.7 mm	9.6 in
Width- Centerline to SAE "C" Mount	145.5 mm	5.7 in
Width - Overall	252.4 mm	4.2 in

Note: Do not use for installation design. See general dimension drawings for detail. Weights and dimensions are approximations.

TECHNICAL DATA

Transmission Compatibility Chart									
Transmission Model	Available PTO Location	PTO Mount	Rotation	Idler Group Part Number	PTO Arrangement Number	Ratios Available**	Maximum Torque	Maximum Rated Power	Total Available Transmission PTO Load***
TH48-E70*	3 o'clock 5 o'clock* 9 o'clock	SAE J704 Standard 8-bolt	Opposite Engine	577-2595 - 577-2595	577-2594 577-1844	1.1625 1.2917	486 Nm (358 lb-ft)	112 kW (150 hp)	291 kW (390 hp)
CX48-P2300	12 o'clock	SAE J704 Standard 8-bolt	Opposite Engine	577-2595	577-2594 577-1844	1.1625 1.2917	486 Nm (358 lb-ft)	112 kW (150 hp)	224 kW (300 hp)
TH53-E60	10 o'clock 12 o'clock	SAE J704 Standard 8-bolt	Opposite Engine	577-2595	577-2594 577-1844	1.2750 1.4167	486 Nm (358 lb-ft)	112 kW (150 hp)	224 kW (300 hp)
TH55-E70 / E90	3 o'clock	SAE J704 Standard 8-bolt	Opposite Engine	-	577-2594 577-1844	1.2750 1.4167	486 Nm (358 lb-ft)	112 kW (150 hp)	224 kW (300 hp)

* TH48-E70 5-o'clock location rotates same as engine and limited to 90 hp.

** Indicates speed at the PTO mounting face times engine speed.

*** Total PTO load includes all PTO locations available on the transmission. The CX48-P2300 and TH55-E70/E90 have SAE "C" J744 Independent Pump Drive (IPD) locations available that are accounted for with this number.

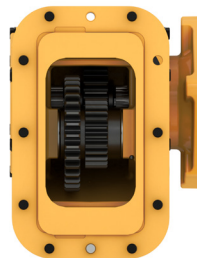
4 Total Orientation Options



- Forward facing / housing angled A
- Forward facing / housing angled B
- Rearward facing / housing angled A
- Rearward facing / housing angled B



SAE J744 "C" 2-bolt and 4-bolt mount



SAE J704 standard 8-bolt



Cat PTO shown with Idler Group used on the TH48-E70, CX48-P2300 and TH53-E60.