



CT-100

POWERSHIFT CYCLING TRANSMISSION

SPECIFICATIONS

General rating +

Input power max net	100 Hp (74.5 kW)
Input torque max net	221 lb ft (300 Nm)
Input speed max net	2500 rpm

Rotation

Input (viewed from input)	Clockwise
Output (viewed from input)	Counter clockwise (forward range)

Mounting

Front	Converter housing SAE - 3
Rear	2 sides on frame
Output flange	Mechanic 6C / Spicer 1410

Gear Ratio

	2F/2R	3F/3R
Forward 1 & Reverse 1	6.674:1	6.674:1
Forward 2 & Reverse 2	2.583:1	2.583:1
Forward 3 & Reverse 3	—	1.000:1

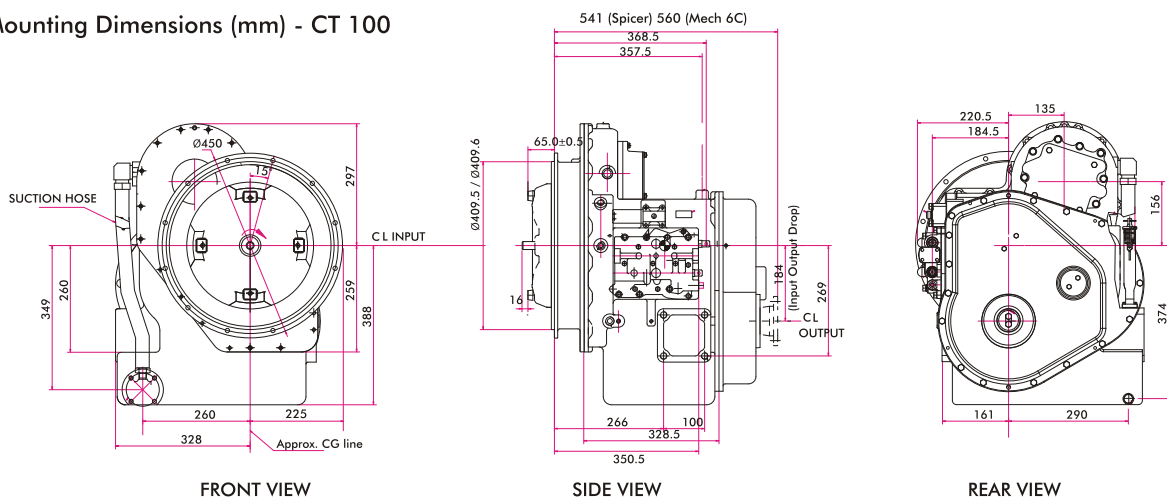
Torque Converter

Stall torque ratio	2.870:1
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Power takeoff Provision

Implement pump drive ratio	1.00 x engine speed
Power @ 2000-2500rpm	60hp max intermittent
Power @ 2000-2500rpm	49hp max continuous
Mounting pads	SAE B 2 Bolt mounting
Spine size	SAE C or B splines (1:1)

Mounting Dimensions (mm) - CT 100



Clutch Data

Type Multidisc, Hydraulically applied, Spring released, Oil cooled, Automatically Wear Compensating

Control Valve body assembly

Clutch cut off Shifting Hydraulic or Pneumatic actuated Mechanical

Oil System

Oil type C4 SAE30
Capacity 13 litres (plus external circuit)
Oil pump Input driven, positive displacement, gear type
Main oil pressure 200 Psi
Converter in oil pressure 70-110 Psi
Lubrication pressure 30 - 50 Psi

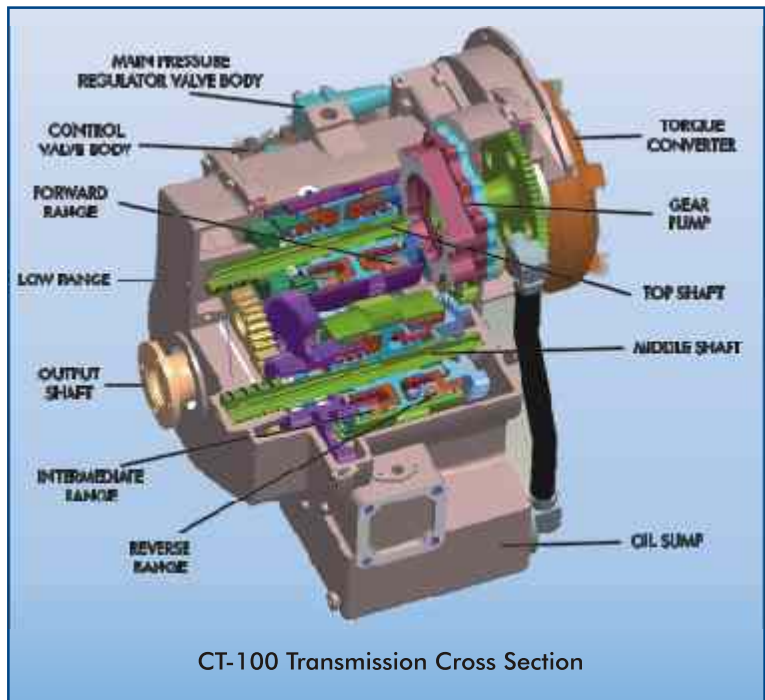
Size

L x B x H 541 (or) 560 x 540 x 685
Drop 184 mm
Weight (dry) 250 Kgs

SCAAN Specification Assistance

To be sure that you get the most efficient engine transmission matching for your operation, with your preferred vehicle, Power Products Division offers SCAAN.

SCAAN stands for System for Computerized Application ANalysis and helps eliminate guesswork from vehicle buying decisions. It can compute a wide variety of vehicle performance parameters. SCAAN will also check your powertrain specifications against Hindustan Transmission vocational experience to ensure satisfactory vehicle performance. SCAAN is user friendly. Interactive operation allows vehicle configurations to be quickly evaluated to ensure optimized powertrain selection.



+ Ratings may vary by vocation. Consult Avtec Limited-Power Products Division (AVTEC-PPD), Marketing Department for specific information.



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