

Specifications
Model C & CL5000
Torque Converter



OFF-HIGHWAY SYSTEMS



The Spicer C5000 Series Torque Converter is designed for and has found excellent acceptance in vehicles used in the construction, logging, mining, material handling and other industrial applications. The Series features 13 different capacities to handle engines up to 275 horsepower and are matched to the Spicer remote transmissions. The basic design provides two pump drives in addition to the charging pump to be able to match customer needs to drive a myriad of vocational equipment. Lockup (available in offset version only), engine and converter output sensors, and a selection of offset and pump ratios are offered as options.

Flywheel Housing Size SAE No. 1 (Dry)
Flex Plate Drive Bolt Circle Options 15.00”, 16.00”, and 17.00”

Converter Data

Wheel Group Sizes	14.0	14.1	14.3	14.4	14.5	14.7	15.0	15.4	15.5	15.7	16.0
Stall Torque Ratios	3.14	2.72	2.04	2.29	1.82	2.29	3.09	2.22	1.76	2.29	3.05

Input Power 200 to 275 hp (149 to 205 kW)
Maximum Input Torque 1000 lb-ft (1355 Nm)
Maximum Input Speed 2800 rpm

Pump Drive Data

SAE Mounting Size	SAE Spline
“B” 2 Bolt	9 tooth, 16/32 pitch
“C” 2 or 4 Bolt	14 tooth, 12/24 pitch

Pump Drive Ratings:

Maximum Continuous	Maximum Intermittent
375 lbs.-ft.	425 lbs.-ft.
506.3 Nm	573.8 Nm

Pump Drive Ratio and Rotation: Standard: 0.95:1 Overdrive - Rotates Opposite Engine
Optional: 0.886:1 Overdrive - Rotates Opposite Engine
1.400:1 Underdrive - Rotates Opposite Engine

Weight: w/o Lockup 385-395 lbs (175-179 kg)
with Lockup 350-360 lbs (159-163 kg)
Through drive 350-360 lbs (159-163 kg)

Output Flange Options:

5C, 6C, 7C, 8.5C, 1410, 1480, 1500, 1600 Round*, 1700*, 387/30, 387/40

*Metric Available

APPLICATION POLICY

Capacity ratings, features and specifications vary depending upon the model and type of service. Application approvals must be obtained from Off-Highway Systems. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.



OFF-HIGHWAY SYSTEMS

**1293 Glenway Drive
Statesville, NC 28625**

Tel: (704) 873-2811 Fax: (704) 878-5616