

Spicer® Model TE10 Series Powershift Transmission

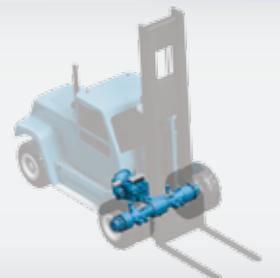
97 to 120 kW (130 to 160 hp)



SPICER®
Off-Highway Systems



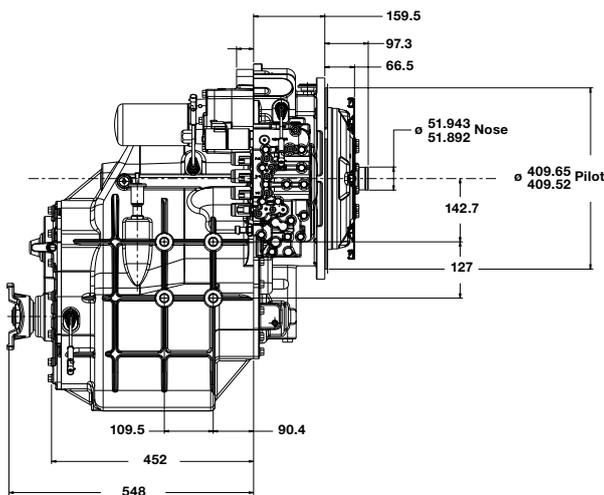
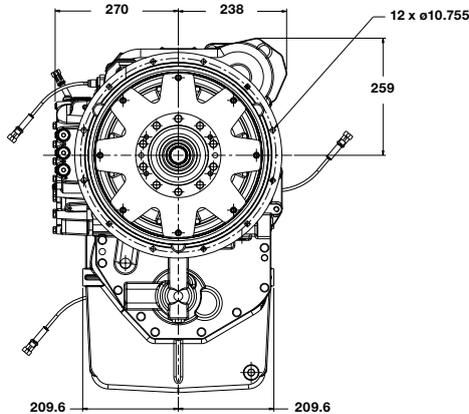
Specifically engineered for smooth, quiet operating
for material-handling machines.



Spicer® Model TE10 Series Powershift Transmission

97 to 120 kW (130 to 160 hp)

The Spicer® Model TE10 Series powershift transmission is specifically engineered for the material-handling market. A three-speed powershift transmission, this series features the new generation electronic control.



General Rating

Input Power kW (hp)	97 to 120 (130 to 160)
Input Maximum (RPM)	2700
Turbine Stall Nm (ft-lb)	1000 (735)
Total Assembled Weight with SAE 3 Bell Housing Kg (lb)	347 (765)

Converter

Housing	SAE No. 3
Stall Torque Ratio Options	1.93
Torque Converter Diameter mm (in)	300 (11.8)
Freewheel	Standard
Mounting	Integral engine mount

Auxiliary Pump Drive

Pump Drive Ratio	1:1
Torque Capacity Nm (ft-lb)	510 (375)
Pad Type	SAE "C", optional SAE "B" with adaptor

Flanges

Spicer	1480/1550/1600
Mechanics	5C/6C/7C
GWB	387/30 – 387/40

Ratios (Standard)

Short Drop	1 st Gear	2 nd Gear	3 rd Gear
3x3 (10313)	5.04	2.32	1.00

Dimensions – Oil Capacity

Output Drop Vertical mm (in)	311 (12.25)
Oil Capacity L (gal)/Type	25.6 (6.7) / Dexron III
Oil Filter	Spin-on, optional remote for thru drive pump

Features and Benefits

- Short drop only
- CAN-BUS interface allows communication between vehicle microcontrollers and devices for on-board diagnostics
- Auxiliary pump drive
- Electronic inching and modulation for more precise, smooth shifting under heavy loads
- Engine mount only
- Helical gearing provides sound reduction and smoother operation
- Converter with freewheel
- Engine-, turbine-, drum-, and output-speed sensors

Options

- Automatic shifting
- Thru drive charging pump

Sales Office – Italy
Zona Industriale
Arco, Italy 38062

www.dana.com/offhighway



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Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.