



JOHN DEERE

18000 HMD Transmission

2-speed

Funk™ Drivetrain Specifications



Ratings

Input power (max) 149 kW (200 hp)
 Input torque (max) 949 Nm (700 lb-ft)
 Input no load speed (max) 4000 rpm†

† depending on ratio

General data

Motor adapters SAE C and D

Approximate dry weight 161 kg (356 lb)

Oil

Capacity 8.8 L (8 qt)

Type MIL-L-2105-C or API classification GL-5

Gear ratio (helical gears, sliding collar shift)

Low	High
4.140	1.613
4.599	1.905

Splines

Input SAE 14-tooth 12/24 DP
 SAE 13-tooth 8/16 DP

Parking brake Disc-type

Output fittings 5C, 6C, 7C yokes or companion flanges

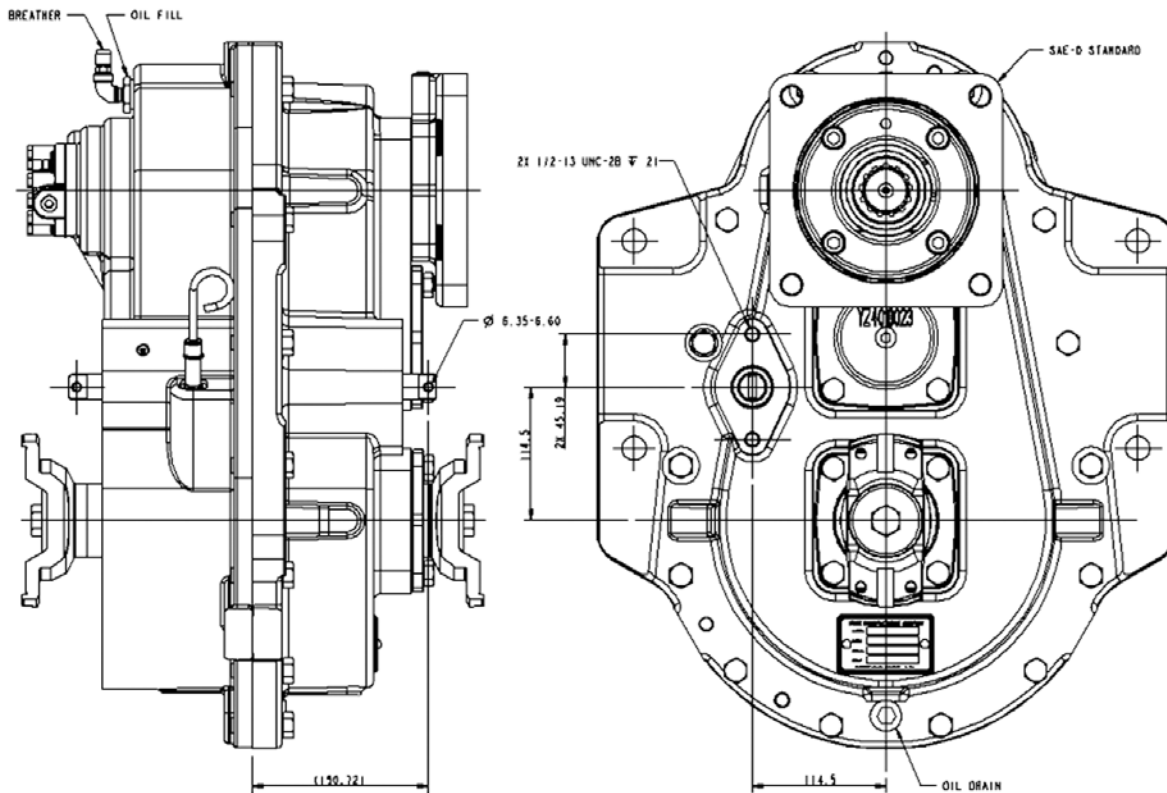
Applications

Dozing machines, motor graders, railway vehicles, sweepers, pavers, and virtually any equipment requiring controlled travel speed.

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Dimensions



Features and benefits

Controlled ground speed at full engine power

- Available to use with applications up to 149 kW (200 hp)
- 4000 rpm max input, no load speed

Multiple gear ratios in two-speed versions

- Covers low-speed working range through high-gear travel speeds
- Wide speed variance in each gear range

Selection of SAE hydraulic input motor mountings

- SAE C and D mounts to utilize input hydraulics to best fit the application

High-contact ratio helical gears

- Quieter operation of the transmission



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