Funk™
HS17000 HMD Transmission
Industrial Drivetrain Specification

Dimensions

### Ratings
- **Input power (max)**: 93 kW (125 hp)
- **Input torque (max)**: 1017 Nm (750 lb-ft)
- **Input no load speed (max)**: 4300 rpm

### General data
- **Motor adapters**: SAE D
- **Approximate dry weight**: 192 kg (424 lb)
- **Oil Capacity**: 7.6 L (8 qt)
- **Type**: Hy-Gard™ or J20C
- **Speeds**: 2
- **Configuration**: Drop
- **Shift options**: Powershift, Mechanical

### Gear ratio (spur-type gears)

<table>
<thead>
<tr>
<th></th>
<th>Low</th>
<th>High</th>
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<tbody>
<tr>
<td>Ratio</td>
<td>5.72:1</td>
<td>1.42:1</td>
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<tr>
<td></td>
<td>4.73:1</td>
<td>1.53:1</td>
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<td>3.48:1</td>
<td>1.51:1</td>
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### Splines
- **Input**: SAE 13-tooth 8/16 DP
- **Parking brake**: N/A
- **Output fittings**: 6C yoke or companion flange
- **Applications**: Dozing machines, motor graders, railway vehicles, sweepers, pavers, and virtually any equipment requiring controlled travel speed.

### Features and benefits

**Controlled ground speed at full engine power**
- Available to use with applications up to 93 kW (125 hp)
- 4300 rpm max input, no load speed

**Two Speed Gear Ratio with PowerShift**
- Two-speed PowerShift transmission capable of shifting gear ranges while in motion

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All values at rated speed and power with standard options unless otherwise noted. Specifications and design subject to change without notice.