



# TRANSMISSION RATINGS — 1000/2000 PRODUCT FAMILY —

## ALLISON ON-HIGHWAY TRANSMISSIONS

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\* Includes xFE™ Models

## 1.0 MODELS AND RATINGS

### 1.1 TRANSMISSION MODEL NAMES

The 1000/2000 Product Family is comprised of several individual transmission models. The names of most transmission models consist of two elements, the base model number and the vocational model name or series. For a description, refer to [Transmission Families and Models](#).

### 1.2 GENERAL NOTES REGARDING RATINGS INFORMATION IN THIS DOCUMENT

The following common items are applicable to all tables in this document.

- Values in U.S. units shown in parenthesis ( ) are for reference only. Conversions between metric and U.S. units are not necessarily exactly equivalent.
- Gross power rating as defined by ISO 1585 or SAE J1995.
- Turbine Torque limit based on [ISCAAN](#) standard deductions.
- Some ratings require SEM/LRTP integration between the engine and transmission. Refer to [Application Requirements](#) for additional information.
- Refer to [Technical Document \(TD\) 180-2, Vocational Compatibility for Allison On-highway Transmissions](#), to determine which rating applies to your vocation.
  - For example, a 1000 International model used in a dump truck for on/off-highway construction, the rating is the General Rating . That same transmission model used in a front loader, no landfill refuse truck, uses the Refuse Rating.

• **NOTE:** Ratings apply to transmissions with Allison 4th or 5th Generation Controls unless a Control System is specified.

## 2.0 BUS SERIES

### 2.1 B210 & B210 xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b>											
<b>Transit Bus</b> With SEM/LRTP	201 (270)	780 (575)	1152 (850)	13,150 (29,000)	13,150 (29,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>Transit Bus</b> Without SEM/LRTP	172 (230)	705 (520)	1152 (850)	13,150 (29,000)	13,150 (29,000)	24-38 (38-62)	2200	3800	500	820	4500

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

### 2.2 B220 & B220 xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b>											
<b>Transit Bus</b> With SEM/LRTP	201 (270)	780 (575)	1152 (850)	13,150 (29,000)	13,150 (29,000)	26.87-38 (43.25-62)	2200	3800	500	820	4500
<b>Transit Bus</b> Without SEM/LRTP	172 (230)	705 (520)	1152 (850)	13,150 (29,000)	13,150 (29,000)	26.87-38 (43.25-62)	2200	3800	500	820	4500

### 3.0 EMERGENCY VEHICLE SERIES

#### 3.1 1000 EVS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Emergency Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

#### 3.2 1350 EVS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Emergency Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 3.3 2100 EVS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>5th Gen Controls</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	Gears <u>1,2,6</u>	Gears <u>3-5</u>	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
		895 (660)	950 (700)									
<b>Diesel Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	895 (660)		1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Emergency Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	610 (450)		1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	5000 <sup>2</sup>	500	820	5000

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

<sup>2</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 3.4 2200 EVS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>5th Gen Controls</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	Gears <u>1,2,6</u>	Gears <u>3-5</u>	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
		895 (660)	950 (700)									
<b>Diesel Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	895 (660)		1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Emergency Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	610 (450)		1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 3.5 2350 EVS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>5th Gen Controls</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	Gears <u>1,2,6</u>	Gears <u>3-5</u>	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
		895 (660)	950 (700)									
<b>Diesel Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	895 (660)		1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Emergency Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	610 (450)		1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 3.6 2500 EVS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>5th Gen Controls</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	Gears <u>1,2,6</u>	Gears <u>3-5</u>	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
		895 (660)	950 (700)									
<b>Diesel Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	895 (660)		1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>Emergency Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

### 3.7 2550 EVS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>5th Gen Controls</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	Gears <u>1,2,6</u>	Gears <u>3-5</u>	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500
		895 (660)	950 (700)									
<b>Diesel Rating</b> <b>Emergency Vehicles</b> With SEM/LRTP	254 (340)	895 (660)		1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500
<b>Emergency Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500



## 4.0 HIGHWAY SERIES

### 4.1 1000 HS & 1000 HS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>On-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>2</sup> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 4.2 1350 HS & 1350 HS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>On-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>2</sup> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 4.3 2100 HS & 2100 HS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
	224 (300)	780 (575)	1152 (850)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>3</sup> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	5000 <sup>2</sup>	500	820	5000

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.  
<sup>2</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.  
<sup>3</sup> Gasoline rating does not apply to xFE™ models

### 4.4 2200 HS & 2200 HS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
	224 (300)	780 (575)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>2</sup> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.  
<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 4.5 2300 HS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Gasoline Rating</b> <sup>3</sup> <b>On-Highway Vehicles</b> With SEM/LRTP	272 (365)	691 (510)	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	5000 <sup>2</sup>	500	820	5000

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

<sup>2</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>3</sup> Gasoline rating does not apply to xFE™ models

### 4.6 2350 HS & 2350 HS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>On-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>2</sup> <b>On-Highway Vehicles</b> With SEM/LRTP	272 (365)	691 (510)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 4.7 2500 HS & 2500 HS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>On-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

### 4.8 2550 HS & 2550 HS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500
<b>On-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500

## 5.0 MOTOR HOME SERIES

### 5.1 1000 MH & 1000 MH xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max	
							min	max	min	max		
<b>Diesel Rating</b> <b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	10,000 (22,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Motor Home</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	10,000 (22,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Gasoline Rating</b> <sup>2</sup> <b>Motor Home</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	10,000 (22,000)	11,800 (26,001)	4-, 5- speed 24-38 (38-62)	6- speed 24-36 (38-57)	2200	4600 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 5.2 1350 MH & 1350 MH xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max	
							min	max	min	max		
<b>Diesel Rating</b> <b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	10,000 (22,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000	
<b>Motor Home</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	10,000 (22,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000	
<b>Gasoline Rating</b> <sup>2</sup> <b>Motor Home</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	10,000 (22,000)	13,600 (30,000)	4-, 5- speed 28-38 (45-62)	6- speed 28-36 (45-57)	2200	4600 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 5.3 2100 MH & 2100 MH xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>4</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>5th Gen Controls</b> <b>Motor Home</b> With SEM/LRTP	254 (340)	Gears <u>1.2.6</u>	Gears <u>3-5</u> 950 <sup>2</sup> (700) <sup>2</sup>	1288 (950)	11,800 (26,000)	13,600 (30,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Diesel Rating</b> <b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	11,800 (26,000)	13,600 (30,000)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Motor Home</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	11,800 (26,000)	13,600 (30,000)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Gasoline Rating</b> <sup>3</sup> <b>Motor Home</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	13,600 (30,000)	4-, 5- <u>speed</u> 24-38 (38-62)	6- <u>speed</u> 24-36 (38-57)	2200	4600 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> xFE™ models are limited to an input torque of 895 Nm (660 lbft)

<sup>3</sup> Gasoline rating does not apply to xFE™ models

<sup>4</sup> For this transmission model, vehicle N/v values are guidelines only.

### 5.4 2200 MH & 2200 MH xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max	
		min	max					min	max				
<b>Diesel Rating</b> <b>5th Gen Controls</b>		Gears <u>1.2.6</u>	Gears <u>3-5</u>										
<b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)	950 <sup>2</sup> (700) <sup>2</sup>	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Diesel Rating</b> <b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)		1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Motor Home</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Gasoline Rating</b> <sup>3</sup> <b>Motor Home</b> With SEM/LRTP	254 (340)	610 (450)		1288 (950)	11,800 (26,000)	11,800 (26,001)	4-, 5- <u>speed</u> 24-38 (38-62)	6- <u>speed</u> 24-36 (38-57)	2200	4600 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> xFE™ models are limited to an input torque of 895 Nm (660 lbft)

<sup>3</sup> Gasoline rating does not apply to xFE™ models

### 5.5 2350 MH & 2350 MH xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM min max		Engine Idle RPM in Drive min max		Output Shaft RPM max
<b>Diesel Rating</b> <b>5th Gen Controls</b>		Gears 1.2.6	Gears 3-5									
<b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)	950 <sup>2</sup> (700) <sup>2</sup>	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200 3800	500 820	5000		
<b>Diesel Rating</b> <b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)		1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200 3800	500 820	5000		
<b>Motor Home</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200 3800	500 820	5000		
<b>Gasoline Rating</b> <sup>3</sup> <b>Motor Home</b> With SEM/LRTP	254 (340)	610 (450)		1288 (950)	13,600 (30,000)	13,600 (30,000)	4-, 5- speed 28-38 (45-62)      6- speed 28-36 (45-57)	2200 4600 <sup>1</sup>	500 820	5000		

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> xFE™ models are limited to an input torque of 895 Nm (660 lbft)

<sup>3</sup> Gasoline rating does not apply to xFE™ models



### 5.6 2500 MH & 2500 MH xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>2</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>5th Gen Controls</b>		Gears <u>1,2,6</u>	Gears <u>3-5</u>									
<b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)	950 <sup>1</sup> (700) <sup>1</sup>	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>Motor Home</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500

<sup>1</sup> xFE™ models are limited to an input torque of 895 Nm (660 lbft)

<sup>2</sup> For this transmission model, vehicle N/v values are guidelines only.

### 5.7 2550 MH & 2550 MH xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>5th Gen Controls</b>		Gears <u>1,2,6</u>	Gears <u>3-5</u>									
<b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)	950 <sup>1</sup> (700) <sup>1</sup>	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500
<b>Diesel Rating</b> <b>Motor Home</b> With SEM/LRTP	254 (340)	895 (660)		1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500
<b>Motor Home</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500

<sup>1</sup> xFE™ models are limited to an input torque of 895 Nm (660 lbft)

## 6.0 PUPIL TRANSPORT/SHUTTLE SERIES

### 6.1 1000 PTS & 1000 PTS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b>											
<b>School Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>School Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Shuttle Bus</b> With SEM/LRTP	224 (300)	766 (565)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Shuttle Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating <sup>2</sup></b>											
<b>School Bus</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000
<b>Shuttle Bus</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

## 6.2 1350 PTS & 1350 PTS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b>											
<b>School Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>School Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Shuttle Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Shuttle Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating <sup>2</sup></b>											
<b>School Bus</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000
<b>Shuttle Bus</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 6.3 2100 PTS & 2100 PTS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW		N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
				kg (lbs)	kg (lbs)		min	max	min	max	
<b>Diesel Rating</b>											
<b>School Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>School Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Shuttle Bus</b> With SEM/LRTP	224 (300)	766 (565)	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Shuttle Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating <sup>3</sup></b>											
<b>School Bus</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	5000 <sup>2</sup>	500	820	5000
<b>Shuttle Bus</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	5000 <sup>2</sup>	500	820	5000

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

<sup>2</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>3</sup> Gasoline rating does not apply to xFE™ models

### 6.4 2200 PTS & 2200 PTS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b>											
<b>School Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>School Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Shuttle Bus</b> With SEM/LRTP	224 (300)	766 (565)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Shuttle Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating <sup>2</sup></b>											
<b>School Bus</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000
<b>Shuttle Bus</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 6.5 2300 PTS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>3</sup> rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Gasoline Rating<sup>2</sup></b> <b>School Bus,</b> With SEM/LRTP	272 (365)	691 (510)	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

<sup>3</sup> For this transmission model, vehicle N/v values are guidelines only.

### 6.6 2350 PTS & 2350 PTS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>School Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>School Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating<sup>2</sup></b> <b>School Bus,</b> With SEM/LRTP	272 (365)	691 (510)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 6.7 2500 PTS & 2500 PTS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW		N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
				kg (lbs)	kg (lbs)		min	max	min	max	
<b>Diesel Rating</b>											
<b>School Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>School Bus</b> , Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

### 6.8 2550 PTS & 2550 PTS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW		N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
				kg (lbs)	kg (lbs)		min	max	min	max	
<b>Diesel Rating</b>											
<b>School Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500
<b>School Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500

### 6.9 2575 PTS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW		N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
				kg (lbs)	kg (lbs)		min	max	min	max	
<b>Diesel Rating</b>											
<b>School Bus</b> With SEM/LRTP	224 (300)	895 (660)	1288 (950)	15,000 (33,000)	15,000 (33,000)	28-38 (45-62)	2200	3800	500	820	4500
<b>School Bus</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	15,000 (33,000)	15,000 (33,000)	28-38 (45-62)	2200	3800	500	820	4500

## 7.0 RUGGED DUTY SERIES

### 7.1 1000 RDS & 1000 RDS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>On/Off-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>2</sup> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.  
<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 7.2 1350 RDS & 1350 RDS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>On/Off-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>2</sup> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	8845 (19,500)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.  
<sup>2</sup> Gasoline rating does not apply to xFE™ models



### 7.3 2100 RDS & 2100 RDS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>3</sup> rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
	224 (300)	780 (575)	1152 (850)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>2</sup> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,000)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

<sup>3</sup> For this transmission model, vehicle N/v values are guidelines only.

### 7.4 2200 RDS & 2200 RDS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
	224 (300)	780 (575)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b> <sup>2</sup> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 7.5 2300 RDS

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>3</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Gasoline Rating<sup>2</sup></b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	272 (365)	691 (510)	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

<sup>3</sup> For this transmission model, vehicle N/v values are guidelines only.

### 7.6 2350 RDS & 2350 RDS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>On/Off-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating<sup>2</sup></b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	272 (365)	691 (510)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	5000 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

<sup>2</sup> Gasoline rating does not apply to xFE™ models

### 7.7 2500 RDS & 2500 RDS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>On/Off-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>Refuse Vehicles</b> With SEM/LRTP	224 (300)	766 (565)	1288 (950)	11,000 (24,200)	11,000 (24,200)	24-38 (38-62)	2200	3800	500	820	4500
<b>Refuse Vehicles</b> Without SEM/LRTP	224 (300)	746 (550)	1152 (850)	11,000 (24,200)	11,000 (24,200)	24-38 (38-62)	2200	3800	500	820	4500

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

### 7.8 2550 RDS & 2550 RDS xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating</b> <b>On/Off-Highway Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500
<b>On/Off-Highway Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500

## 8.0 SPECIALTY SERIES

### 8.1 1000 SP

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating Specialty Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	10,000 (22,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Specialty Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	10,000 (22,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Gasoline Rating Specialty Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	10,000 (22,000)	11,800 (26,001)	24-38 (38-62)	2200	4600 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 8.2 1350 SP

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating Specialty Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	1288 (950)	10,000 (22,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Specialty Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	10,000 (22,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating Specialty Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	10,000 (22,000)	13,600 (30,000)	28-38 (45-62)	2200	4600 <sup>1</sup>	500	820	5000

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 8.3 2100 SP

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>Specialty Vehicles</b> With SEM/LRTP	254 (340)	Gears <u>1,2,6</u>	Gears <u>3-5</u>	1288 (950)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	3800	500	820	5000
		895 (660)	950 (700)									
<b>Specialty Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Gasoline Rating</b> <b>Specialty Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	4600 <sup>2</sup>	500	820	5000	

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

<sup>2</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 8.4 2200 SP

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b> <b>Specialty Vehicles</b> With SEM/LRTP	254 (340)	Gears <u>1,2,6</u>	Gears <u>3-5</u>	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
		895 (660)	950 (700)									
<b>Specialty Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000	
<b>Gasoline Rating</b> <b>Specialty Vehicles</b> With SEM/LRTP	254 (340)	610 (450)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	4600 <sup>1</sup>	500	820	5000	

<sup>1</sup> Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 8.5 2350 SP

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b>		Gears <u>1,2,6</u>	Gears <u>3-5</u>									
<b>Specialty Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	950 (700)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Specialty Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Gasoline Rating</b>												
<b>Specialty Vehicles</b> With SEM/LRTP	254 (340)	610 (450)		1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	4600 <sup>1</sup>	500	820	5000

Engines with full load governed speed greater than 3800 rpm require additional calibration development.

### 8.6 2500 SP & 2500 SP xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b>		Gears <u>1,2,6</u>	Gears <u>3-5</u>									
<b>Specialty Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	950 <sup>2</sup> (700) <sup>2</sup>	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>Specialty Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

<sup>2</sup> xFE™ models are limited to an input torque of 895 Nm (660 lbft)

### 8.7 2550 SP

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)		Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
		min	max					min	max			
<b>Diesel Rating</b>		Gears <u>1,2,6</u>	Gears <u>3-5</u>									
<b>Specialty Vehicles</b> With SEM/LRTP	254 (340)	895 (660)	950 (700)	1288 (950)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500
<b>Specialty Vehicles</b> Without SEM/LRTP	224 (300)	780 (575)		1152 (850)	13,600 (30,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	4500

## 9.0 INTERNATIONAL SERIES

### 9.1 1000 Int'l & 1000 Int'l xFE™ SERIES

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating With SEM/LRTP</b>											
<b>General</b>	254 (340)	895 (660)	1288 (950)	9,000 (19,850)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>On-Highway Refuse <sup>1</sup></b>	224 (300)	766 (565)	1288 (950)	7,500 (16,540)	7,500 (16,540)	24-38 (38-62)	2200	3800	500	820	5000
<b>Motor Home</b>	254 (340)	895 (660)	1288 (950)	10,000 (22,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Diesel Rating Without SEM/LRTP</b>											
<b>General</b>	224 (300)	780 (575)	1152 (850)	9,000 (19,850)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>On-Highway Refuse <sup>1</sup></b>	224 (300)	746 (550)	1152 (850)	7,500 (16,540)	7,500 (16,540)	24-38 (38-62)	2200	3800	500	820	5000
<b>Motor Home</b>	224 (300)	746 (550)	1152 (850)	10,000 (22,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000

<sup>1</sup> This model always includes a park pawl. For refuse vocations, the park pawl must **not** be functional - use a selector without a Park position.



## 9.2 1350 Int'l & 1350 Int'l xFE™ SERIES

Rating	Gross Input Power	Gross Input Torque	Net Turbine Torque	GVW	GCW	N/v Ratio	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM
	kW (hp)	Nm (lb-ft)	Nm (lb-ft)	kg (lbs)	kg (lbs)	rpm/kph (rpm/mpH)	min	max	min	max	max
<b>Diesel Rating With SEM/LRTP</b>											
General	254 (340)	895 (660)	1288 (950)	9,000 (19,850)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
On-Highway Refuse <sup>1</sup>	224 (300)	766 (565)	1288 (950)	7,500 (16,540)	7,500 (16,540)	24-38 (38-62)	2200	3800	500	820	5000
Motor Home	254 (340)	895 (660)	1288 (950)	10,000 (22,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
<b>Diesel Rating Without SEM/LRTP</b>											
General	224 (300)	780 (575)	1152 (850)	9,000 (19,850)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000
On-Highway Refuse <sup>1</sup>	224 (300)	746 (550)	1152 (850)	7,500 (16,540)	7,500 (16,540)	24-38 (38-62)	2200	3800	500	820	5000
Motor Home	224 (300)	746 (550)	1152 (850)	10,000 (22,000)	13,600 (30,000)	28-38 (45-62)	2200	3800	500	820	5000

<sup>1</sup> This model always includes a park pawl. For refuse vocations, the park pawl must **not** be functional - use a selector without a Park position.

### 9.3 2100 Int'l & 2100 Int'l xFE™ SERIES

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating With SEM/LRTP</b>											
<b>General</b>	254 (340)	895 (660)	1288 (950)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	3800	500	820	5000
<b>On-Highway Refuse</b>	224 (300)	766 (565)	1288 (950)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	3800	500	820	5000
<b>Motor Home</b>	254 (340)	895 (660)	1288 (950)	11,800 (26,000)	13,600 (30,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Diesel Rating Without SEM/LRTP</b>											
<b>General</b>	224 (300)	780 (575)	1152 (850)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	3800	500	820	5000
<b>On-Highway Refuse</b>	224 (300)	746 (550)	1152 (850)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	3800	500	820	5000
<b>Motor Home</b>	224 (300)	746 (550)	1152 (850)	11,800 (26,000)	13,600 (30,000)	24-38 (38-62)	2200	3800	500	820	5000

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

### 9.4 2200 Int'l & 2200 Int'l xFE™ SERIES

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mph)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating With SEM/LRTP</b>											
General	254 (340)	895 (660)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
Motor Home	254 (340)	895 (660)	1288 (950)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Diesel Rating Without SEM/LRTP</b>											
General	224 (300)	780 (575)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
Motor Home	224 (300)	746 (550)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000

### 9.5 2500 Int'l & 2500 Int'l xFE™ SERIES

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating With SEM/LRTP</b>											
General	254 (340)	895 (660)	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
On-Highway Refuse	224 (300)	766 (565)	1288 (950)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	3800	500	820	4500
Motor Home	254 (340)	895 (660)	1288 (950)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<b>Diesel Rating Without SEM/LRTP</b>											
General	224 (300)	780 (575)	1152 (850)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
On-Highway Refuse	224 (300)	746 (550)	1152 (850)	12,000 (26,500)	12,000 (26,500)	24-38 (38-62)	2200	3800	500	820	4500
Motor Home	224 (300)	746 (550)	1152 (850)	15,000 (33,000)	15,000 (33,000)	24-38 (38-62)	2200	3800	500	820	4500
<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.											

### 9.6 2550 Int'l & 2550 Int'l xFE™ SERIES

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating With SEM/LRTP</b>											
General	224 (300)	895 (660)	1288 (950)	13,600 (30,000)	13,600 (30,000)	30-38 (45-62)	2200	3800	500	820	4500
<b>Diesel Rating Without SEM/LRTP</b>											
General	224 (300)	780 (575)	1152 (850)	13,600 (30,000)	13,600 (30,000)	30-38 (45-62)	2200	3800	500	820	4500

## 10.0 TORQMATIC SERIES

### 10.1 T1000 & T1000 xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
Transit Bus, Shuttle Bus, Coach, Non-North American School Bus	154 (210)	610 (450)	1152 (850)	7,500 (16,540)	7,500 (16,540)	24-38 (38-62)	2200	3800	500	820	5000

### 10.2 T2100 & T2100 xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio <sup>1</sup> rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating With SEM/LRTP</b>											
Transit Bus	201 (270)	780 (575)	1152 (850)	13,150 (29,000)	13,150 (29,000)	29-38 (46-62)	2200	3800	500	820	5000
Shuttle Bus, Coach, Non-North American School Bus	201 (270)	780 (575)	1152 (850)	13,150 (29,000)	13,150 (29,000)	24-38 (38-62)	2200	3800	500	820	5000
<b>Diesel Rating Without SEM/LRTP</b>											
Transit Bus	172 (230)	705 (520)	1152 (850)	13,150 (29,000)	13,150 (29,000)	29-38 (46-62)	2200	3800	500	820	5000
Shuttle Bus, Coach, Non-North American School Bus	172 (230)	705 (520)	1152 (850)	13,150 (29,000)	13,150 (29,000)	24-38 (38-62)	2200	3800	500	820	5000

<sup>1</sup> For this transmission model, vehicle N/v values are guidelines only.

### 10.3 T2200 & T2200 xFE™

Rating	Gross Input Power kW (hp)	Gross Input Torque Nm (lb-ft)	Net Turbine Torque Nm (lb-ft)	GVW kg (lbs)	GCW kg (lbs)	N/v Ratio rpm/kph (rpm/mpg)	Engine Full Load Governed RPM		Engine Idle RPM in Drive		Output Shaft RPM max
							min	max	min	max	
<b>Diesel Rating With SEM/LRTP</b>											
Transit Bus, Shuttle Bus, Coach, Non-North American School Bus	201 (270)	780 (575)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000
<b>Diesel Rating Without SEM/LRTP</b>											
Transit Bus, Shuttle Bus, Coach, Non-North American School Bus	172 (230)	705 (520)	1152 (850)	11,800 (26,000)	11,800 (26,001)	24-38 (38-62)	2200	3800	500	820	5000

## LIST OF REFERENCED DOCUMENTS

- [Application Requirements](#)
- [iSCAAN](#), Allison's vehicle performance calculation program
- [Transmission Families and Models](#)

### Technical Documents (TD's)

- [TD180-2. Vocational Compatibility for Allison On-highway Transmissions](#)

## REVISION HISTORY

### **December 19, 2019**

- Added 6.9, ratings for new model 2575 PTS

### **April 19, 2019**

- Added note, “For this transmission model, vehicle N/v values are guidelines only.” to non-Park Pawl units where this note was previously omitted

### **July 31, 2018**

- Corrected the N/V ratings for the B220 and 2550 International Model

### **November 10, 2017**

- Added 2500 SP xFE™ model/ratings

### **April 10, 2017**

- In 1.1, removed redundant model name tables, refer to Transmission Families and Models
- In 1.2, added example of referencing TD180-2 in order to determine the proper rating.
- Added xFE™ models/ratings

### **February 13, 2015**

- Added Section 10.0 - Torqmatic Series and ratings for the new T1000, T2100, and T2200.
- In Table 9.1 - 1000 International Series, removed the Transit Bus, Shuttle Bus, Coach, Non-North America School Bus ratings
- In Table 9.2 - 1350 International Series, removed the Transit Bus, Shuttle Bus, Coach, Non-North America School Bus ratings
- In Table 9.3 - 2100 International Series, removed the Transit Bus, and the Shuttle Bus, Coach, Non-North America School Bus ratings
- In Table 9.4 - 2200 International Series, removed the Transit Bus, Shuttle Bus, Coach, Non-North America School Bus ratings
- In Table 9.5 - 2500 International Series, removed the Non-North America School Bus ratings
- In Table 9.6 - 2550 International Series, removed the Non-North America School Bus ratings

### **November 1, 2013**

- In 4.8, 2550 HS, corrected the name of the ratings to On-Highway Vehicles; rating name was incorrectly listed as Emergency Vehicles. The rating values were and remain correct for the 2550 HS.