



OVERVIEW

AxleTech has over 100 years of legacy and expertise in manufacturing drivetrain components. Our new PRC1015 planetary rigid axle delivers on quality, durability, and maintainability. Engineered to operate and sustain axle loads up to 38 T (85,000 lb), the PRC1015 is a versatile axle designed for vehicle applications such as heavy lift trucks, terminal tractors, and railcar movers.

	Lift Truck		Railcar Mover		Terminal Tractor	
	Standard	Optional	Standard	Optional	Standard	Optional
Performance measure lb (kg)	Payload 17,300 to 35,200 (8,000 to 16,000)		Drawbar Pull 30,000 (13,600)		GCWR 550,000 (250,000)	
Rating lb (kg)	85,000 (38,000)		85,000 (38,000)		77,000 (35,000)	
Axle type	Rigid		Rigid		Rigid	
Axle ratios	13.87, 14.62, 16.44, 17.33, 19.81, 20.83, 21.84, 24.30	10.41, 11.43, 12.15, 13.25, 15.41, 18.22, 18.79, 25.48	13.87, 14.62, 16.44, 17.33, 19.81, 20.83, 21.84, 24.30	10.41, 11.43, 12.15, 13.25, 15.41, 18.22, 18.79, 25.48	13.87, 14.62, 16.44, 17.33, 19.81, 20.83, 21.84, 24.30	10.41, 11.43, 12.15, 13.25, 15.41, 18.22, 18.79, 25.48
Planetary ratio	3.56		3.56		3.56	
Differential	Open	DCDL	NoSPIN®		Open	DCDL
Housing	Ductile iron		Ductile iron		Ductile iron	
Wheel mount in (mm)	Hub piloted, 10 stud 13.19 (335) bolt circle		Hub piloted, 10 stud 18.25 (464) bolt circle		Hub piloted, 10 stud 13.19 (335) bolt circle	
Input flange	72N / 7C	62N/6C, 85WB/8.5C, 92N/9C	72N / 7C	16N/1610 FR, 16T/1610 HR, 17N/1710 FR, 17T/1710 HR	16N/1610 FR, 16T/1610 HR, 17N/1710 FR, 17T/1710 HR	KV150, KV180
Brakes in (mm)	Dura-Disc® 14.2 (360), 4-disc wet disc, Hydraulic disc, 18.5 (470), or S-cam drum, 16.5x7 (419x178)					
Parking brake in (mm)	None	SAHR, 16 (406)	None	SAHR, 16 (406)	None	SAHR, 16 (406)
Minimum rim size in (mm)	20 (508)		15 (381)		20 (508)	
Hub flange to flange in (m)	71.50 (1.816), 73.88 (1.877)	97.42 (2.474)	59.79 (1.519)	45.50 (1.156)	72.05 (1.830)	
Track in (m)	72.50 (1.842), 75.00 (1.905)	98.50 (2.502)	59.00 (1.499)	44.50 (1.130)	73.00 (1.854)	

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