



Light Duty Garden Tractor

K66

A most compact and highly durable integrated hydrostatic transaxle for light duty garden tractors and front deck mowers, among other uses. A centered input shaft improves fan placement and availability of larger fans for improved cooling. It also features a narrow body for ideal application to the narrowest of vehicle frames. The internal diagonal bulkhead makes the housing exceptionally rigid for quiet operations.

- Reversible output/control lever operation logic for easy design and application.
- Factory oil filled and air bled for easy installation.
- Internal wet disk brake; environmentally protected.
- Brake lever configuration selectable for mounting location and actuation direction for easy brake linkage design.
- Reduction ratios selectable.
- Internal wet, return to neutral mechanism factory adjusted. Optional for foot speed control system.
- Smooth acceleration and deceleration for foot speed control systems via optional shock absorber.
- Included oil is 10W30 engine oil that is commonly available. 50W50 synthetic oil is available for ground engaging applications.
- Differential lock available.
- Changeable oil filter is available.
- Hydraulic output is available for power steering, power lift or other uses.

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SPECIFICATIONS

Application	Garden Tractor, Light Duty	
Reduction Ratio Data:		
Axle Torque (rated)	37.22:1	420 Nm (310 ft lb)
	22.19:1	250 Nm (185 ft lb)
Max. Tire Diameter	37.22:1	584 mm (23 in)
	22.19:1	457 mm (18 in)
Brake Capacity	@300 N (67.5 lb) Brake Arm Force	
	37.22:1	330 Nm (243 ft lb)
	22.19:1	216 Nm (159 ft lb)
Displacement	10cc/10cc	
Max. Input Speed	3400 rpm (nominal)	
Axle Shaft Size	25.4 mm (1.0 in)	
Max. Static Weight on Axle	317 kg (697 lb)	
Weight (dry)	23 kg (50.7 lb) w/etx. Hydraulic & Diff. Lock	
Brake Type	Wet Disk, Internal	
Brake Lever	Optional Actuation Direction and Orientations	
Housing (Case)	Aluminum Die Casting	
Gears	Heat Treated	
Differential	Automotive Type Bevel Gears	
Differential Lock	Optional	
Speed Control System	For Foot Control: Shock Absorber Optional	
External Hydraulic Outlets	Optional: For Power Steering, Lift and Others (14.0 liters/min.; 45 bars (653 psi) @ 3400 rpm)	
External Filter Change	Optional	
Roll Release	Standard	
Oil Reservoir	External Reservoir: Optional	
Lubrication	10W30 Class CD Motor Oil (2.5 liters) 5W50 Synthetic Motor Oil (Optional)	