

3232 Closed Circuit Axial Piston Transmission

For more than 40 years, Danfoss has been developing state-of-the-art components and systems for mobile machinery used in off-highway operations around the world. We have become a preferred supplier by offering the best of what really matters: The hardware inside your vehicle application.

The 3232 was designed as one housing U-style transmission. It houses a variable axial piston pump with fixed displacement axial piston motor to provide the infinite gear ratio in a compact size.

This design provides longer life and higher performance and is well suited for agricultural vehicles.



ENGINEERING TOMORROW

Features

Designed for Durability and Flexibility

- Proven and optimized 9 piston rotating group
- Compact one housing design
- Longer life kit and higher duty capability in the most compact design in its class
- Robust Cylinderblock, Piston material and Valveplate

Installation and Packaging benefits

- Optimized for short distance between shaft center-lines
- Pump and motor in single housing
- Easy-mountabale pad for external suction filter
- Reduced noise

Controls

- Direct Displacement Control (DDC)
- Low operating force
- Smooth operational feeling realized by low vibration

Options

- High Pressure Relief Valves (HPRV)
- Charge Pressure Relief Valve (CPRV)
- Orifice to increase neutral deadband

Comprehensive technical literature is online at *www.danfoss.com*





Technical specifications

Features		Unit	Value
Displacement	Pump side	cm ³ [in ³]	0 - 31.5 [0 - 1.92]
	Motor side		31.5 [1.92]
Weight, (dry)		kg [lb]	22 [48.5]
Input speed	Minimum	min ⁻¹ (rpm)	1000
	Rated		3200
	Maximum		3400
System pressure	Max. working pressure [*]	bar [psi]	300 [4350]
	Maximum		345 [5004]
Case pressure	Rated	bar [psi]	1 [14.5]
	Maximum		3 [43.5]

* Applied pressures above maximum working pressure requires Danfoss application approval.





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