

ATV71HD22N4

Industrial automation components

Manufacturer	Schneider Electric
Catalog number	atv71hd22n4
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	29.03 kgs
Motor Power	22 kW
Motor Power	30 HP
Input Voltage	380–480 V
Output Frequency Range	0.1–599 Hz
Nominal Switching Frequency	4 kHz
Dimensions	420 mm x 236 mm x 240 mm
Weight	29.03 kg

Description

The Schneider Electric ATV71HD22N4 is a robust variable-speed drive from the Altivar 71 series, engineered to manage motor operations in demanding industrial applications. Designed for 3-phase 380–480 V AC systems, it delivers a motor power of 22 kW (30 HP), making it suitable for complex, high-performance machinery requiring precise speed, torque, and dynamic control. Key features include an integrated EMC filter, a wide output frequency range from 0.1 to 599 Hz, and a nominal switching frequency of 4 kHz. The drive offers adjustable switching frequencies between 1 and 16 kHz, with derating factors applied beyond 4 kHz. Its compact dimensions (420 mm height, 236 mm depth, and 240 mm width) and a net weight of 29.03 kg facilitate easy integration into various industrial setups. The ATV71HD22N4 is compatible with both asynchronous and synchronous motors, providing versatile control options for diverse applications.