

PRODUCT-DETAILS

# HDS8A-0309AMKNS

HDS series motor, 230 VAC, flange size 80 mm, low inertia, 0.85 kW, 17-bit multi-turn SmartABS, key, no brake, seal



## General Information

|                         |   |
|-------------------------|---|
| Global Commercial Alias | HDS8A-0309AMKNS   |
| Product ID              | 3ABD00049287  |
| ABB Type Designation    | HDS8A-0309AMKNS   |
| Catalog Description     | HDS series motor, 230 VAC, flange size 80 mm, low inertia, 0.85 kW, 17-bit multi-turn SmartABS, key, no brake, seal   |
| Long Description        | The HDS series servo motors provide more effective combinations of torque and inertia. Equipped with various high performance and high-resolution feedback options, HDS meets various requirements of applications and drives. By providing control on speed, torque and position with high precision and quality for the operation of terminal equipment, HDS helps to improve the efficiency and stability of the equipment and ensure higher reliability of the complete system. |

## Additional Information

|                            |                 |
|----------------------------|-----------------|
| ABB Type Designation       | HDS8A-0309AMKNS |
| CN8                        | 85044088        |
| Country of Origin          | Finland (FI)    |
| Customs Tariff Number      | 8501520000      |
| Degree of Protection       | IP65            |
| Flange Size Range          | 80 mm           |
| Frame Size                 | A               |
| Global Commercial Alias    | HDS8A-0309AMKNS |
| Gross Weight               | 2.8 kg          |
| Input Voltage ( $U_{in}$ ) | 230 V           |

|                                |   |  |
|--------------------------------|---|--|
| Invoice Description            | HDS series motor, 230 VAC, flange size 80 mm, low inerita, 0.85 kW, 17-bit multi-turn SmartABS, key, no brake, seal   |  |
| Made To Order                  | No  |  |
| Maximum Peak Current           | 20.5 A  |  |
| Maximum Peak Torque            | 9.4 N·m   |  |
| Maximum Speed                  | 6000 r/min  |  |
| Minimum Order Quantity         | 1 piece   |  |
| Motor Power AC-3               | 0.85 kW   |  |
| Number of Phases               | 3   |  |
| Order Multiple                 | 1 piece   |  |
| Package Level 1 Depth / Length | 281 mm  |  |
| Package Level 1 Height         | 160 mm  |  |
| Package Level 1 Units          | 1 carton  |  |
| Package Level 1 Width          | 128 mm  |  |
| Product Name                   | HDS motor   |  |
| Product Net Depth / Length     | 218 mm  |  |
| Product Net Height             | 100.4 mm  |  |
| Product Net Weight             | 2.5 kg  |  |
| Product Net Width              | 80 mm   |  |
| Product Type                   | HDS_servo_motor   |  |
| Quote Only                     | No  |  |
| Rated Output Current           | 5.5 A   |  |
| Rated Speed                    | 3000 r/min  |  |
| Rated Torque                   | 2.7 N·m   |  |
| Replaced Product ID (OLD)      | 3ABD00024309  |  |
| Selling Unit of Measure        | piece   |  |
| Shaft Diameter                 | 19 mm   |  |
| Shaft Length                   | 40 mm   |  |
| Short Description              | HDS series motor, 230 VAC, flange size 80 mm, low inerita, 0.85 kW, 17-bit multi-turn SmartABS, key, no brake, seal   |  |
| Stocked At (Warehouses)        | Zhengzhou, China<br>Beijing, China<br>Shanghai, China<br>Singapore, Singapore<br>Beijing, China<br>Singapore, Singapore<br>Tokyo, Japan<br>Australia, Australia |  |
| Two Speed Motor                | No  |  |
| UNSPSC                         | 26101109  |  |
| WEEE B2C / B2B                 | Business To Business  |  |
| WEEE Category                  | Product Not in WEEE Scope   |  |

Categories

Motors and Generators → Servomotors → AC Brushless Servo Motors → AC Brushless HDS Series Motors

