

PRODUCT-DETAILS

# HDS8A-0309ASKNN

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



## General Information

Global Commercial Alias	HDS8A-0309ASKNN
Product ID	3ABD00049081
ABB Type Designation	HDS8A-0309ASKNN
Catalog Description	HDS series motor, 230 VAC, flange size 80 mm, low inertia, 0.85 kW, 17-bit single-turn SmartABS, key, no brake, no 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-0309ASKNN
CN8	85044088
Country of Origin	Finland (FI)
Customs Tariff Number	8501520000
Degree of Protection	IP54
Flange Size Range	80 mm
Frame Size	A
Global Commercial Alias	HDS8A-0309ASKNN
Gross Weight	2.8 kg
Input Voltage (U <sub>in</sub> )	230 V

Invoice Description	HDS series motor, 230 VAC, flange size 80 mm, low inerita, 0.85 kW, 17-bit single-turn SmartABS, key, no brake, no 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	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 single-turn SmartABS, key, no brake, no seal	
Stocked At (Warehouses)	Zhengzhou, China Beijing, China Shanghai, China Singapore, Singapore Beijing, China Singapore, Singapore Tokyo, Japan 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

