

PRODUCT-DETAILS

# HDS80-0309AD4KNS

HDS series motor, 230 VAC, flange size 80 mm, low inerita, 0.85 kW, multi-turn  
Hiperface, key, no brake, seal



General Information	
Global Commercial Alias	HDS80-0309AD4KNS
Product ID	3ABD00049312
ABB Type Designation	HDS80-0309AD4KNS
Catalog Description	HDS series motor, 230 VAC, flange size 80 mm, low inerita, 0.85 kW, multi-turn Hiperface, 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	HDS80-0309AD4KNS
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	HDS80-0309AD4KNS

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, multi-turn Hiperface, 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, multi-turn Hiperface, key, no brake, 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

