

PRODUCT-DETAILS

HDS180-3555BD4KNN

HDS series motor, 400 VAC, flange size 180 mm, low inertia, 5.5 kW, multi-turn Hiperface, key, no brake, no seal



General Information

Global Commercial Alias	HDS180-3555BD4KNN
Product ID	3ABD00047576
ABB Type Designation	HDS180-3555BD4KNN
Catalog Description	HDS series motor, 400 VAC, flange size 180 mm, low inertia, 5.5 kW, multi-turn Hiperface, 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	HDS180-3555BD4KNN
CN8	85044088
Country of Origin	China (CN)
Customs Tariff Number	8501520000
Degree of Protection	IP54
Flange Size Range	180 mm
Frame Size	A
Global Commercial Alias	HDS180-3555BD4KNN
Gross Weight	25.8 kg
Input Voltage (U_{in})	400 V

Invoice Description	HDS series motor, 400 VAC, flange size 180 mm, low inerita, 5.5 kW, multi-turn Hiperface, key, no brake, no seal	
Made To Order	No	
Maximum Peak Current	68.5 A	
Maximum Peak Torque	105 N·m	
Maximum Speed	3500 r/min	
Minimum Order Quantity	1 piece	
Motor Power AC-3	5.5 kW	
Number of Phases	3	
Order Multiple	1 piece	
Package Level 1 Depth / Length	520 mm	
Package Level 1 Height	302 mm	
Package Level 1 Units	1 carton	
Package Level 1 Width	265 mm	
Product Name	HDS motor	
Product Net Depth / Length	406 mm	
Product Net Height	240 mm	
Product Net Weight	24.4 kg	
Product Net Width	180 mm	
Product Type	HDS_servo_motor	
Quote Only	No	
Rated Output Current	22.3 A	
Rated Speed	1500 r/min	
Rated Torque	35 N·m	
Replaced Product ID (OLD)	3ABD00024309	
Selling Unit of Measure	piece	
Shaft Diameter	35 mm	
Shaft Length	80 mm	
Short Description	HDS series motor, 400 VAC, flange size 180 mm, low inerita, 5.5 kW, multi-turn Hiperface, 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

