

PRODUCT-DETAILS

# HYA188020BR0N30

HY series motor, 400 VAC, flange size 180 mm,  
8 kW, resolver, no brake, seal



General Information	
Global Commercial Alias	HYA188020BR0N30
Product ID	3ABD00050576
ABB Type Designation	HYA188020BR0N30
Catalog Description	HY series motor, 400 VAC, flange size 180 mm, 8 kW, resolver, no brake, seal
Long Description	HY series - ABB's high-performance explosion-proof servo motor series - is derived from the same advanced product platform since ABB established the HDS servo motor family. This series adopts increased-safety type and enclosure protection type explosion-proof design for applications requiring explosion-proof certification to ensure safe operation of the product in explosive gas and dust atmospheres. The ATEX explosion-proof certifications are II 3 G Ex ec IIC T4 Gc and II 3 D Ex tc IIIC T130°C Dc IP65, and the CCC explosion-proof certifications are Ex ec IIC T4 Gc and Ex tb IIIC T130°C Db IP65.

Additional Information	
ABB Type Designation	HYA188020BR0N30
CN8	85044088
Country of Origin	China (CN)
Customs Tariff Number	8501520000
Degree of Protection	IP65

Flange Size Range	180 mm
Frame Size	A
Global Commercial Alias	HYA188020BR0N30
Gross Weight	29.9 kg
Input Voltage (U <sub>in</sub> )	400 V
Invoice Description	HY series motor, 400 VAC, flange size 180 mm, 8 kW, resolver, no brake, seal
Made To Order	No
Maximum Peak Current	95 A
Maximum Peak Torque	135 N·m
Maximum Speed	3500 r/min
Minimum Order Quantity	1 piece
Motor Power AC-3	8 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	435 mm
Product Net Height	240 mm
Product Net Weight	28.9 kg
Product Net Width	180 mm
Product Type	HDS_servo_motor
Quote Only	No
Rated Output Current	24.2 A
Rated Speed	2000 r/min
Rated Torque	38.5 N·m
Replaced Product ID (OLD)	3ABD00024309
Selling Unit of Measure	piece
Shaft Diameter	35 mm
Shaft Length	80 mm
Short Description	HY series motor, 400 VAC, flange size 180 mm, 8 kW, resolver, no brake, seal
Stocked At (Warehouses)	Zhengzhou, China Beijing, China Shanghai, China Beijing, China
Two Speed Motor	No
UNSPSC	26101109
WEEE B2C / B2B	Business To Business
WEEE Category	Product Not in WEEE Scope

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## Categories

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

