

AC SERVO MOTOR

Model AE1S-065AJBDRT | 50 W | 220 V | IP65

Compact industrial servo motor

For compact motion-control and robotic equipment applications requiring precise torque and protected construction.

50 W rated output **0.159 N·m rated torque** **IP65 enclosure protection**



Technical specifications

Parameter	Specification
Product category	AC servo motor
Model	AE1S-065AJBDRT
Rated voltage	3 phase 220 V AC
Rated output	50 W
Rated torque	0.159 N·m
Thermal class marking	155 (F)
Degree of protection	IP65
Maximum marked ambient	40 °C
Conformity marking	CE
Country of origin	China

Applications & manufacturer

Typical use: industrial robots, compact motion-control axes, automated handling equipment, and compatible replacement/spare-motor applications. Peitian Robot, founded in 2010, provides intelligent robots and automation solutions; its public portfolio covers industrial robots from 3 kg to 280 kg payload.

Manufacturer	Beijing Peitian Technology Co., Ltd. Beijing, China
Contact	www.peitianrobot.com info@peitianrobot.com WhatsApp +86 159 0112 2528

Verification note

Preliminary datasheet compiled from the supplied label and Peitian Robot's public website. Before purchase, installation, or substitution, obtain the official model drawing and confirm dimensions, shaft/flange, connectors and pinout, feedback/encoder, brake option, rated current and speed, compatible drive, cable set, and full ordering code.

ORDER CODE

06		04		J	B	A	RT		
Sym	Base - Frame	Sym	Power supply			Sym	Key	Seal	Brake
04	40#	J	220VAC			A	✓	✓	✓
06	60#	T	380VAC			B	✓	✓	
08	80#					C	✓		✓
13	130#					D	✓		
18	180#					S		✓	✓
						T		✓	
						U			✓
						V			

Sym	Power
5A	50W
01	100W
02	200W
04	400W
08	750W
09	850W

Sym	Operation	
RS		Square mounting flange
RT		Round flange (400-850W)
		Square flange with chamfered upper corners (50–200W)

Sym	FB. Sensor
A	17-bit ABS. encoder
B	20-bit ABS. encoder